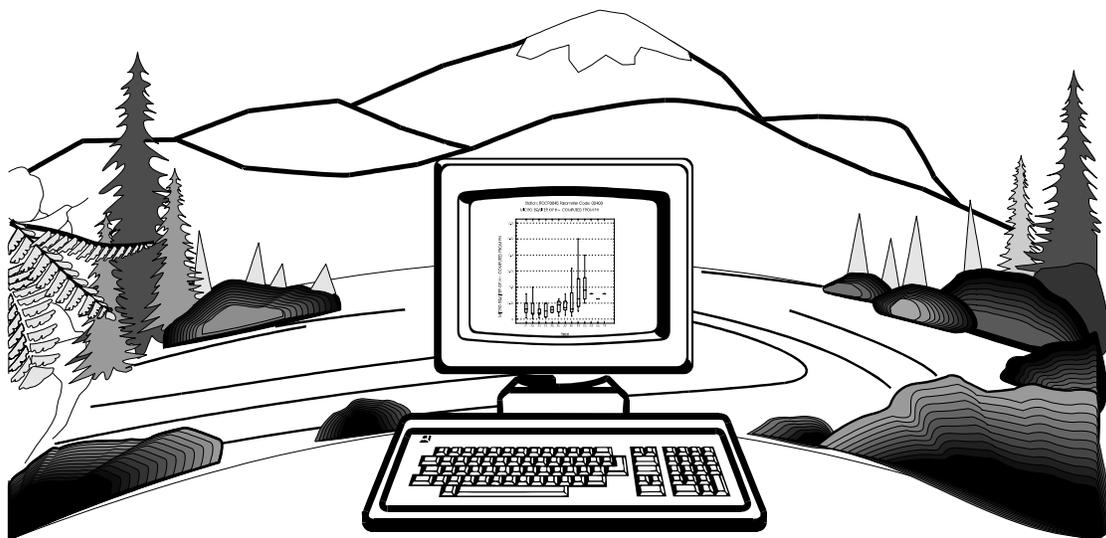
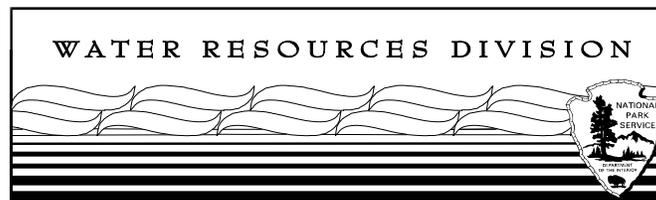

BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

Blue Ridge Parkway



WATER RESOURCES DIVISION AND SERVICEWIDE INVENTORY AND MONITORING PROGRAM



*National Park Service - Department of the Interior
Fort Collins - Denver - Washington*

The National Park Service Water Resources Division is responsible for providing water resources management policy and guidelines, planning, technical assistance, training, and operational support to units of the National Park System. Program areas include water rights, water resources planning, regulatory guidance and review, hydrology, water quality, watershed management, watershed studies, and aquatic ecology.

Technical Reports

The National Park Service disseminates the results of biological, physical, and social research through the Natural Resources Technical Report Series. Natural resources inventories and monitoring activities, scientific literature reviews, bibliographies, and proceedings of technical workshops and conferences are also disseminated through this series.

Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the National Park Service.

Copies of this report are available from the following:

Technical Information Center (303) 969-2130
Denver Service Center
P.O. Box 25287
Denver, CO 80225-0287

U. S. Department of Commerce (703) 487-4650
National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161

BASELINE WATER QUALITY DATA
INVENTORY AND ANALYSIS
BLUE RIDGE PARKWAY

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-96/79

APRIL 1996

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Blue Ridge Parkway (BLRI) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 149 industrial/municipal dischargers; 40 drinking water intakes; 32 active or inactive U. S. Geological Survey (USGS) or U. S. National Weather Service water gages (including stream, lake, well, and climate); and 78 water impoundments. The results of the STORET retrieval for the study area yielded 197,507 observations for 990 separate parameters collected by the USGS, EPA, U.S. Forest Service (USFS), Tennessee Valley Authority, North Carolina Department of Natural Resources and Community Development, and Virginia Department of Environmental Quality (VDEQ) at 336 monitoring stations. Twenty-one stations within the study area (none within the park boundary) were established by the EPA, USFS, or VDEQ but contained no data. Of the 315 monitoring stations with data, eight did not have data appropriate for statistical analysis, four were used only for monitoring bottom sediments (BLRI 0046, BLRI 0047, BLRI 0057, BLRI 0107), and one was used only for monitoring fish tissue (BLRI 0066). Two stations (BLRI 0120, BLRI 0121) were entered into STORET as ocean by the U.S. EPA Region 3 (STORET Agency Code 1114O100), resulting in inappropriate comparisons of water quality data to marine acute standards. Twenty-nine stations were located within the park boundary (see Station Period of Record Tabulation).

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. One-hundred-four stations within the study area (four within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the park boundary are: (1) Blue Ridge Parkway Br. Below Roanoke (BLRI 0104); (2) Blue Ridge Pkwy Bridge Above Big Island (BLRI 0050); (3) Price Lake (Tributary To Watauga River 74.97) (BLRI 0154); and (4) French Broad River At Bent Creek NC (BLRI 0263). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Below Big Island (BLRI 0038); (2) Rt. 501 Bridge, SE Of Glasgow (BLRI 0055); (3) Rt. 24 Bridge Above Town Of Vinton (BLRI 0111); (4) 14th. St. Bridge Above Roanoke STP (BLRI 0112); and (5) Rt. 130 Bridge At Glasgow (BLRI 0071)[†].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may

[†]Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the BLRI water quality criteria screen found 24 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, cyanide, cadmium, copper, lead, mercury, nickel, selenium, silver, zinc, and phenanthrene exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrate, nitrite, nitrite plus nitrate, chloride, cyanide, arsenic, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver, and zinc exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively. Alkalinity was below the threshold used by the NPS Air Resources Division for determining potential sensitivity to acid deposition (buffering capacity).

Dissolved oxygen concentrations were measured 6,814 times at 200 monitoring stations from 1965 through 1995. Of the 6,787 observations used in the criteria analysis (see Media Type Screen in the Methodology, and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), 121 observations at 42 stations throughout the study area were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life.

The pH was measured 9,315 times at 264 monitoring stations from 1945 through 1995. Of the 9,134 observations used in the criteria analysis (see Media and Composite Type Screens in the Methodology for explanation), 1,983 observations at 187 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life). Three-hundred-twenty observations were greater than or equal to pH 9.0 and 1,663 observations were less than or equal to pH 6.5. The highest reported pH was 11.20 SU in the Hercules Outfall on Peak Creek, VA (BLRI 0120) in July 1972. The lowest pH was 2.20 SU by the Route 680 bridge near Penicks Mill, VA (BLRI 0085) in May 1972.

Turbidity was measured 6,002 times at 161 monitoring stations from 1965 through 1995. Of the 5,852 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), 87 observations at 38 stations throughout the study area exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU/NTU). The highest reported value was 12,000 FTU in the Middle Fork of the New River at Blowing Rock, NC (BLRI 0144) in July 1973.

Total coliform concentrations were measured 625 times at 78 monitoring stations from 1965 through 1995. Of the 623 observations used in the criteria analysis (see Remark Code Screen in the Methodology), 296 observations at 66 stations exceeded the WRD bathing water criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml). The highest reported concentration was 1,500,000 MPN/100 ml in the South Fork of the New River near Boone, NC (BLRI 0142) in May 1970. Fecal coliform concentrations were determined 5,727 times at 135 stations from 1965 through 1995. Of the 5,387 observations used in the criteria analysis (see Media Type and Remark Code Screens in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,917 observations at 100 monitoring stations exceeded the WRD bathing water criterion of 200 CFU/MPN/100 ml. The highest reported concentration was 650,000 CFU/100 ml in Reed Creek at Asheville, NC (BLRI 0256, BLRI 0257) in June 1987.

Total alkalinity was determined by low-level (less than 10 mg/L as CaCO₃) gran analysis 46 times at 25 monitoring stations from 1984 to 1986. Thirty-one observations at 16 stations were below the NPS Air Resources Division's 200 microequivalents per liter (µeq/L) threshold, indicating sensitivity to acid deposition. The lowest reported concentration was 9.3 µeq/L in Whites Run, VA (BLRI 0033) in March 1986.

Nitrite concentrations (including dissolved and total as N, and as NO₂) were measured 3,858 times at 98 monitoring stations from 1965 through 1995. Two concentrations, 1.080 mg/L and 3.199 mg/L, in Smith Mountain Lake at Hardys Ford, VA (BLRI 0095) exceeded the drinking water criterion of 1 mg/L in July 1983 and June 1972, respectively.

Nitrate concentrations (including dissolved and total as N, and as NO₃) were measured 3,889 times at 142 monitoring stations from 1929 through 1995. Of the 3,811 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), two concentrations, 98 mg/L and 198 mg/L, in Smith Mountain Lake at Hardys Ford, VA (BLRI 0097) exceeded the drinking water criterion of 10 mg/L in August 1983.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 2,280 times at 129 monitoring stations from 1969 through 1994. Of the 2,250 observations used in the criteria analysis (see Media Type and Composite Type Screens in the Methodology for explanation), one observation of 33 mg/L in the Roanoke River above Roanoke, VA (BLRI 0112) exceeded the drinking water criterion of 10 mg/L in February 1977.

Chloride concentrations (including dissolved and total) were measured 2,193 times at 151 monitoring stations from 1929 through 1995. Of the 2,112 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), one total concentration of 765 mg/L in the Roanoke River above Roanoke, VA (BLRI 0112) exceeded the drinking water criterion of 250 mg/L in December 1989.

Total residual chlorine concentrations were measured 30 times at six monitoring stations from 1976 through 1985. Twelve observations, ranging from 0.10 mg/L to 9.20 mg/L, in the South River at Waynesboro, VA (BLRI 0014), Maury River at Glasgow, VA (BLRI 0071), and Smith Mountain Lake at Hardys Ford and McVeigh Ford, VA (BLRI 0097, BLRI 0099) exceeded the acute freshwater criterion of 0.019 mg/L in 1983 and 1985.

Total cyanide concentrations were measured 71 times at 20 monitoring stations from 1968 through 1989. Of the 68 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), ten concentrations at ten stations exceeded the acute freshwater criterion of 0.022 mg/L and the drinking water criterion of 0.2 mg/L in December 1973. Ninety percent of the observations exceeding the criteria were recorded at nine stations near Boone and Blowing Rock, NC (BLRI 0135, BLRI 0140, BLRI 0142, BLRI 0143, BLRI 0144, BLRI 0145, BLRI 0146, BLRI 0148, BLRI 0149). The highest reported value of 4 mg/L occurred in the South Fork of the New River near Boone, NC (BLRI 0140) in July 1973.

Arsenic concentrations (including dissolved, suspended, and total) were measured 1,146 times at 91 monitoring stations from 1970 through 1995. Of the 1,139 observations used in the criteria analysis (see Media Type Screen in the Methodology), ten concentrations, ranging from 60 micrograms per liter (µg/L) to 270 µg/L at two stations in the Oconaluftee River at Cherokee, NC (BLRI 0335, BLRI 0336), exceeded the drinking water criterion of 50 µg/L from 1973 through 1975.

Beryllium concentrations (including dissolved and total) were measured 58 times at 34 monitoring stations from 1973 through 1992. Nine concentrations, ranging from 74 µg/L to 98 µg/L near Boone and Blowing Rock, NC (BLRI 0135, BLRI 0140, BLRI 0142, BLRI 0143, BLRI 0144, BLRI 0145, BLRI 0146, BLRI 0148, BLRI 0149), exceeded the drinking water criterion of 4.0 µg/L in 1973.

Cadmium concentrations (including dissolved, suspended, and total) were measured 1,305 times at 88 monitoring stations from 1970 through 1995. Of the 803 observations used in the criteria analysis (see Media Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 19 concentrations at 15 stations in Virginia exceeded the acute freshwater criterion of 3.9 µg/L. Eighteen of these 19 concentrations also exceeded the drinking water criterion of 5.0 µg/L. The highest reported value of 25 µg/L occurred in Smith Mountain Lake at Hardys Ford (BLRI 0095) and in the Roanoke River above Roanoke (BLRI 0112) in October 1993, and below Buena Vista (BLRI 0070) in April 1975.

Chromium concentrations (including dissolved, suspended, hexavalent, and total) were measured 1,514 times at 97 monitoring stations from 1968 through 1995. Of the 1,511 observations used in the criteria analysis (see Media Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), three total concentrations, ranging from 100 µg/L to 16,000 µg/L in the South River at Waynesboro, VA (BLRI 0004, BLRI 0005) in 1973 and Fishburn Park at Roanoke, VA (BLRI 0117) in 1982, equaled or exceeded the drinking water criterion of 100 µg/L.

Copper concentrations (including dissolved, suspended, and total) were measured 1,872 times at 120 monitoring stations from 1967 through 1995. Of the 1,684 observations used in the criteria analysis (see Media Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 169 concentrations at 53 stations exceeded the acute freshwater criterion of 18 µg/L. The highest reported value of 1,070 µg/L occurred in Smith Mountain Lake at Hardys Ford, VA (BLRI 0097) in October 1989.

Lead concentrations (including dissolved, suspended, and total) were measured 1,545 times at 99 monitoring stations from 1970 through 1995. Of the 1,544 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 98 concentrations at 36 stations throughout the study area exceeded the drinking water action level of 15 µg/L. Eighteen of these 98 concentrations also exceeded the acute freshwater criterion of 82 µg/L. The highest reported values of 9,965 µg/L and 9,964 µg/L occurred in the Oconaluftee River at Cherokee, NC (BLRI 0335 and BLRI 0336, respectively) in September 1974.

Mercury concentrations (including dissolved, suspended, and total) were measured 1,459 times at 117 monitoring stations from 1970 through 1995. Of the 1,457 observations used in the criteria analysis (see Media Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), ten total concentrations, ranging from 2.5 µg/L to 6.0 µg/L, exceeded the drinking water criterion of 2 µg/L and the acute freshwater criterion of 2.4 µg/L. Sixty percent of the observations exceeding the criteria were recorded at three stations at Big Island, VA (BLRI 0039, BLRI 0041, BLRI 0052). The highest reported value of 6.0 µg/L occurred in Wilson Creek near Graff, NC (BLRI 0161) in August 1980.

Nickel concentrations (including dissolved and total) were measured 1,190 times at 84 monitoring stations from 1968 through 1995. Of the 1,189 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 14 concentrations at six stations (BLRI 0001, BLRI 0099, BLRI 0104, BLRI 0117, BLRI 0335, BLRI 0336) exceeded the drinking water criterion of 100 µg/L. Two of these 14 concentrations also exceeded the acute freshwater criterion of 1,400 µg/L. The highest reported value of 2,520 µg/L occurred in the Oconaluftee River near Cherokee, NC (BLRI 0335) in June 1970.

Selenium concentrations (including dissolved, suspended, and total) were measured 246 times at 41 monitoring stations from 1975 through 1995. Of the 244 concentrations used in the criteria analysis (see Media Type Code in the Methodology for explanation), one concentration of 120 µg/L in North Harper Creek near Kawana, NC (BLRI 0163) exceeded the acute freshwater criterion of 20 µg/L and the drinking water criterion of 50 µg/L in October 1986.

Silver concentrations (including dissolved and total) were measured 48 times at 21 monitoring stations from 1971 through 1992. Of the 13 concentrations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), ten concentrations at three stations (BLRI 0094, BLRI 0335, BLRI 0336) exceeded the acute freshwater criterion of 4.1 µg/L. Five of these ten concentrations also exceeded the drinking water criterion of 100 µg/L. Approximately 93 percent of the observations exceeding the criteria were recorded at two stations in the Oconaluftee River near and at Cherokee, NC (BLRI 0335, BLRI 0336). The highest reported value of 3,800 µg/L occurred in the Oconaluftee River near Cherokee, NC (BLRI 0335) in June 1973.

Zinc concentrations (including dissolved, suspended, and total) were measured 1,785 times at 120 monitoring stations from 1967 through 1995. Of the 1,774 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 68 observations at 29 stations throughout the study area exceeded the acute freshwater criterion of 120 µg/L. Five of these 68 concentrations also exceeded the secondary drinking water criterion of 5,000 µg/L. The highest reported value of 10,000 µg/L occurred in Pond Branch, NC (BLRI 0266) in June and August 1968.

Phenanthrene concentrations were measured three times at two monitoring stations from 1980 through 1987. Of the two observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation),

one concentration of 1,400 µg/L in the Roanoke River at Niagara Dam, VA (BLRI 0107) exceeded the acute freshwater criterion of 30 µg/L in June 1987.

The IDEA conducted for BLRI indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the group Bacteria, only 3.8 percent of the observations were recorded since 1985. Relative to other parameter groups, data were limited for the group Chlorophyll. Results for 117 of the 126 EPA priority toxic pollutants (consisting of metals, inorganic parameters, organic parameters, and pesticides) were retrieved from STORET. Many of the organic parameters were observed only once at the station titled Tennessee Exposure Risk Survey in the French Broad River Basin (BLRI 0141). Most of the 126 priority pollutants were measured at this station in the water column, bottom sediments, and/or fish tissue in April 1980. Of the 315 monitoring stations with data, 43 contained organic data from STORET.

The Blue Ridge Parkway is an elongated park featuring a road that follows the crest of the Blue Ridge for 355 miles and then skirts the southern end of the Black Mountains for 114 miles. Surface water resources in the BLRI study area include numerous creeks which are the headwaters for several rivers including the South River, Maury River, South Fork of the New River, and South Toe River. The parkway is also intersected by the James River, Roanoke River, Linville River, and Swannanoa River. Other surface waters in the BLRI study area include a few small lakes and reservoirs. The data inventories and analyses contained in this report indicate that some of the surface waters within the study area have been impacted by turbidity, low dissolved oxygen, low pH, bacteria, nutrients, chlorine, and trace metals. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; urban runoff/storm sewers; and agricultural runoff.

TABLE OF CONTENTS

EXECUTIVE SUMMARY		v
TABLE OF CONTENTS		xi
I.	INTRODUCTION	1
	Goal	1
	Purpose	1
	Objectives	1
	Document Overview	2
	Caveats	2
	Key Personnel	3
II.	METHODOLOGY	5
	Delineation of Park Study Area	5
	Data Sources	5
	Data Retrieval and Analysis Procedures	7
	Park Unit Databases	8
	Screening Methodologies and Procedures	9
	STORET Edit Criteria	9
	Date Screen	10
	Station Type Screen	10
	Phase 0 Parameter Screen	11
	Phase 1 Parameter Screen	11
	Media Type Screen	11
	Remark Code Screen	11
	Composite Type Screen	13
	Phase 2 Parameter Screen	14
	Observations/Period of Record Screen	15
	Statistical Definitions	17
III.	INTERPRETIVE GUIDE TO WATER QUALITY RESULTS	19
	Overview	19
	Regional Location Map	19
	Water Quality Monitoring Locations Map(s)	19
	Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)	20
	Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table	20
	Representative Mean Annual Hydrograph for Seasonal Analysis	20
	Contacts for Agency Codes Retrieved	21
	Quantity of Data Retrieved by Agency Code	21
	Station Period of Record Tabulation	21
	Parameter Period of Record Tabulation	22
	Station/Parameter Period of Record Tabulation	22
	Station-By-Station Results	22
	Station Inventory for Station	23
	Parameter Inventory for Station	23
	EPA Water Quality Criteria Analysis for Station	23
	Time Series Plots for Station	24
	Annual Analysis for Station	25
	Annual Box-and-Whiskers Plots for Station	25

	<u>Seasonal Analysis for Station</u>	25
	<u>Seasonal Box-and-Whiskers Plots for Station</u>	26
	<u>EPA Water Quality Criteria Analysis for Entire Park Study Area</u>	26
	<u>NPS Servicewide Inventory and Monitoring Program</u>	
	<u>“Level I” Water Quality Inventory Data Evaluation and Analysis (IDEA)</u>	26
	<u>Water Quality Observations Outside STORET Edit Criteria for Park</u>	28
IV.	<u>WATER QUALITY RESULTS</u>	29
	<u>Overview</u>	31
	<u>Regional Location Map</u>	32
	<u>Water Quality Monitoring Locations Map(s)</u>	33
	<u>Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)</u>	46
	<u>Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table</u>	59
	<u>Representative Mean Annual Hydrograph for Seasonal Analysis</u>	65
	<u>Contacts for Agency Codes Retrieved</u>	66
	<u>Quantity of Data Retrieved by Agency Code</u>	67
	<u>Station Period of Record Tabulation</u>	68
	<u>Parameter Period of Record Tabulation</u>	73
	<u>Station/Parameter Period of Record Tabulation</u>	87
	<u>Station-By-Station Results</u>	243
	<u>BLRI0001 South R. At Rte 250 Waynesboro, VA</u>	245
	<u>BLRI0002 Jones Hollow</u>	247
	<u>BLRI0003 Jones Hollow</u>	249
	<u>BLRI0004 South Riv At Broad Waynesboro 60</u>	251
	<u>BLRI0005 Route 250 Bypass In Waynesboro - Augusta County</u>	253
	<u>BLRI0006 Crompton-Shen Waynesboro Otf1 01</u>	260
	<u>BLRI0007 Dupont Co. Waynesboro Upstream</u>	261
	<u>BLRI0008 South R. Wayne St.Br Waynesboro</u>	262
	<u>BLRI0009 South R. Wayne St.Br Waynesboro</u>	263
	<u>BLRI0010 South Riv At Rt 664 059</u>	264
	<u>BLRI0011 South River At Waynesboro, VA</u>	266
	<u>BLRI0012 39Ms 4</u>	267
	<u>BLRI0013 39Ms 1</u>	269
	<u>BLRI0014 Route 664 Bridge - City Of Waynesboro</u>	271
	<u>BLRI0015 South River Near Waynesboro, VA</u>	289
	<u>BLRI0016 39Ms 2</u>	291
	<u>BLRI0017 Upstream Of Route 624 Bridge Augusta County</u>	293
	<u>BLRI0018 39Ms 3</u>	295
	<u>BLRI0019 40 Ft. From Outfall Structure - Augusta Co.</u>	297
	<u>BLRI0020 38Ms 1</u>	299
	<u>BLRI0021 Shernando Lake -Back Creek</u>	301
	<u>BLRI0022 37Ls 2</u>	302
	<u>BLRI0023 37Ls 1</u>	304
	<u>BLRI0024 South Fork Piney River</u>	306
	<u>BLRI0025 South Fork Piney River</u>	307
	<u>BLRI0026 South Fork Piney River</u>	308
	<u>BLRI0027 South Fork Piney River</u>	309
	<u>BLRI0028 Little Piney River 6 Mi Nw Of Lowesville, VA</u>	310
	<u>BLRI0029 Falling Creek</u>	311
	<u>BLRI0030 Pedlar River</u>	312
	<u>BLRI0031 Brown Mountain Creek Below Fdr 38</u>	316
	<u>BLRI0032 Rock Branch At Confluence W/ Irish Cr.</u>	317
	<u>BLRI0033 Whites Run</u>	318

BLRI0034	Little Irish Creek	320
BLRI0035	Lake Center Pedlar Lake (Lynchburg Reservoir)	322
BLRI0036	Whites Run	323
BLRI0037	Little Irish Creek	325
BLRI0038	Below Big Island	327
BLRI0039	Conflu Skimmer Cr Nr Big Island	368
BLRI0040	1000 Ft Dwnstr Fm Dam Big Island	370
BLRI0041	Conflu W Reed Creek Big Island	372
BLRI0042	Off Route 501 - Bedford County	374
BLRI0043	Boat Dock On Property Of Ownes-Illinois	376
BLRI0044	Precip Sta Buena Vista, VA	378
BLRI0045	South River Near Riverside, VA	379
BLRI0046	Stations Mr2 & Gb2 Below Rt 60 On Maury River	381
BLRI0047	Station Mr3 Just Above Rt 745 Bridge On Maury Rv	382
BLRI0048	Rt. 501 At Junction With Route 122	383
BLRI0049	Route 745 In Buena Vista	385
BLRI0050	Blue Ridge Pkwy Bridge Above Big Island	393
BLRI0051	Yds Downstream Blue Ridge Pky	395
BLRI0052	Owen-Ill Ind Ww Plt Big Island	396
BLRI0053	Maury River At Buena Vista, VA	398
BLRI0054	Station Mr1 Above Route 60 Bridge On Maury River	400
BLRI0055	Rt. 501 Bridge, Se Of Glasgow	401
BLRI0056	Rt. 608 Bridge (Rockbridge County)	443
BLRI0057	Stations Mr4 & Gb4 Below Pumping Station Maury R	448
BLRI0058	Off Rt. 703 Upstream From Gaging Station	449
BLRI0059	Rt. 122 E. Of Big Island - Just Below Rt. 600	451
BLRI0060	Maury River Near Buena Vista, VA	452
BLRI0061	Rt. 60 At Ben Salem Wayside	453
BLRI0062	River Mile Near Goose Neck Dam On The Maury Ri.	468
BLRI0063	Maury River Off Rt. 663 (Rockbridge County)	470
BLRI0064	Off Rt. 663 Near Old Canal Lock - Rockbridge Co.	471
BLRI0065	James River Nr Glasgow	480
BLRI0066	James River @ Glasgow	481
BLRI0067	Conflu Maury R.(Not A Samp Pt.)	482
BLRI0068	Buffalo Creek, Upstream Of Railroad Crossing	483
BLRI0069	Bridge On Us Rt 501 Near Snowoen	484
BLRI0070	Below Buena Vista	486
BLRI0071	Rt. 130 Bridge At Glasgow	493
BLRI0072	Maury River Near Glasgow, VA	531
BLRI0073	34Js 1	533
BLRI0074	On North Fork Of North Creek Just Above Fork	535
BLRI0075	Inflow Bedford Reservoir (Bedford Co)	536
BLRI0076	Cornelius Creek-Lower, Near A.T. Shelter	537
BLRI0077	Cornelius Creek-Upper, Near A.T. Shelter	538
BLRI0078	"Bedford Reservoir" Station At Dam (Bedford Co.)	539
BLRI0079	34Hs 3	542
BLRI0080	Sta #21 Rt. 640 Bridge (Bedford County)	544
BLRI0081	Middle Creek At Fs Boundary	545
BLRI0082	Middle Creek At Bend Above New Ford	546
BLRI0083	Middle Creek At Bend Below New Ofrd	547
BLRI0084	34Hs 1	548
BLRI0085	Rt. 680 Bridge, Near Penicks Mill	550
BLRI0086	Peaks Of Otter Lake Center (Bedford Co)	558
BLRI0087	34Hs 2	560

BLRI0088	On Yellowstone Br. Below Yellowstone Road 62-01	562
BLRI0089	Br Us Rt 11 At Buchanan, VA	563
BLRI0090	Rt. 11 Bridge At Buchanan	565
BLRI0091	James River At Buchanan, VA	574
BLRI0092	Off Rt. 617 South Of Blue Ridge Pky (Bedford Co)	591
BLRI0093	Station #3 Rt.625 Bridge (Botetourt County)	592
BLRI0094	Roanoke R At Rte 634 Hardy Brdg	593
BLRI0095	Smith Mtn. Lake, Hardys Ford	595
BLRI0096	Roanoke River Near Hardy, VA	616
BLRI0097	Smith Mtn Lake #2A-Top-Hardys Ford #2C-Bottom	623
BLRI0098	Beaverdam Reservoir-100' From Dam Bedford Co	630
BLRI0099	Smith Mtn. Lake, Mcveigh Ford	634
BLRI0100	End Rt. 618 Confl. With Roanoke River	644
BLRI0101	Rt. 460 Bridge	647
BLRI0102	Gage Near Dundee, Rt. 660 Bridge	648
BLRI0103	Back Creek	660
BLRI0104	Blue Ridge Parkway Br. Below Roanoke	661
BLRI0105	Roanoke River	664
BLRI0106	Roanoke River At Niagara, VA	665
BLRI0107	Roanoke River At Niagara Dam	667
BLRI0108	Spillway Niagra Reservoir (Roanoke Co)	670
BLRI0109	Intersection Off Rt. 652 & Rt. 11	671
BLRI0110	Walnut Avenue Bridge	675
BLRI0111	Rt. 24 Bridge Above Town Of Vinton	678
BLRI0112	14Th. St. Bridge Above Roanoke Stp	715
BLRI0113	N & W Parking Lot Bridge	753
BLRI0114	Off Rt. 220 S Of Roanoke At Red Hill Church	756
BLRI0115	Roanoke River At Roanoke, VA	757
BLRI0116	Sherwood Avenue, Roanoke - City Of Roanoke	776
BLRI0117	Fishburn Park Off Route 221	778
BLRI0118	Off Rt. 221 S Of Cave Spring (Roanoke Co)	780
BLRI0119	30Fs 1	781
BLRI0120	Hercules 002 Outfall On Peak Cr.	783
BLRI0121	Hercules Outfall On Peak Creek	784
BLRI0122	Rt. 643 Bridge N. Of Monte Vista (Franklin Co)	786
BLRI0123	Along Route 602, Above Algoma - Franklin County	791
BLRI0124	Rt. 739 Bridge At Algoma (Franklin Co.)	792
BLRI0125	Along Route 602, Above Algoma - Franklin County	797
BLRI0126	30Es 1	798
BLRI0127	29Ds 1	800
BLRI0128	29D 1	802
BLRI0129	28Cs 1	804
BLRI0130	27Cs 1	806
BLRI0131	Station #3 - At Dam - Patrick County	808
BLRI0132	27Cs 2	809
BLRI0133	Townes Reservoir At Dam	811
BLRI0134	Little River @ Sr1140 @ Whitehed-Inactive 810227	814
BLRI0135	S Fk New River Nr Glendale Spgs-Inactive 810227	821
BLRI0136	S Fk New River @ NC Hwys 16 & 18 Ner Jefferson	827
BLRI0137	South Fork New River Near Jefferson, N. C.	837
BLRI0138	Elk Ck @ Sr1508 Nr Triplett NC Inact-720802	841
BLRI0139	Elk Ck @ Sr1510 Nr Triplett NC Inact-730723	842
BLRI0140	S Fork New R Near Rutherfordwood NC Inact-730717	843
BLRI0141	Tennessee Exposure Risk Survey	845

BLRI0142	S Fork New R @Sr1515 Nr Boone NC Inact-730717	854
BLRI0143	Mid Fk S Fk New R @Sr1533 Nr Blow R Inact-730717	856
BLRI0144	Mid Fk S Fk New R @Us221 @Blowing R Inact-730717	858
BLRI0145	Mid Fk S Fk New R @Blowing Rock Inact-741022	860
BLRI0146	Boone Ck @NC Hwy 105 Nr Boone NC Inact-730717	862
BLRI0147	Chetola Lake	864
BLRI0148	Winkler Creek Near Boone NC Inact-730717	866
BLRI0149	Boone Creek @Us321 & 421 Nr Boone Inact-730717	868
BLRI0150	Upper Lance Creek Lake (Trib. To Watauga R.73.8)	870
BLRI0151	Sims Pond (Tributary To Boone Fork 3.30)	872
BLRI0152	Lance Ck Nr Blowing Rock NC Inact-730620	874
BLRI0153	Unnamed Lake (Tributary To Lance Creek 0.7)	875
BLRI0154	Price Lake (Tributary To Watauga River 74.97)	877
BLRI0155	Price Lake	879
BLRI0156	Boone Fork	881
BLRI0157	Watauga R @ NC Hwy 105 NC Shulls Mill NC	883
BLRI0158	Watauga River At Foscoe NC Inactive 810309	888
BLRI0159	0.3 Miles West Of Appalachian Camp	896
BLRI0160	Boone Fork	898
BLRI0161	Wilson Creek At Us Hwy 221 Near Gragg NC	900
BLRI0162	Lawson Fk Ck Hillbrk Forest Sd E	920
BLRI0163	North Harper Ck @ Usfs #58 Near Kawana, NC	921
BLRI0164	North Harper Cr Nr Kawana, NC	927
BLRI0165	Linville River @ Linville NC Inactive 810309	930
BLRI0166	Linville River @ Sr1349 @ Linville Inact-741003	934
BLRI0167	Linville R @ Pineola Inactive 741003	936
BLRI0168	Stacey Cr Nr NC 181 Nr Pineola Inactive 730926	938
BLRI0169	Stacey Cr @ NC Hwy181 Nr Pineola Inact-730926	940
BLRI0170	Mill Timber Cr @Mouth @Crossmore Inact-730926	942
BLRI0171	Mill Timber Cr @Sr1524 @Crossmore Inact-730926	944
BLRI0172	Linville R Nr Crossmore NC Inact-730926	946
BLRI0173	Brushy Creek Near Ingalls NC Inact-750402	948
BLRI0174	Brushy Creek At Ingalls NC Inact-750402	950
BLRI0175	Three Mile Ck @ Sr1106 Near Ingalls Inact-750402	951
BLRI0176	U.S. Hwy 19 Bridge	952
BLRI0177	North Toe River Near Altpass NC Inact-750402	953
BLRI0178	Three Mile Ck @ Us 19E Near Ingalls Inact-750402	955
BLRI0179	North Toe River At Altapass, N. C.	956
BLRI0180	North Toe River Spruce Pine NC Inact-750402	958
BLRI0181		959
BLRI0182	Armstrong Creek	962
BLRI0183	Grassy Creek Near Spruce Pine NC Inact-750403	964
BLRI0184	Armstrong Cr @ Hwy 226A N Sevier Inact-730926	965
BLRI0185	Grassy Creek At Spruce Pine NC Inact-750403	967
BLRI0186	Lower Raceway Outfall - Armstrong Creek	969
BLRI0187	Bad Fork Intake - Armstrong Creek	971
BLRI0188	Pups Branch Intake - Armstrong Creek	974
BLRI0189	Cow Creek - Armstrong Creek	977
BLRI0190	Upper Raceway Outfall - Armstrong Creek	980
BLRI0191	Upper Armstrong Creek Intake	982
BLRI0192	Bee Rock Branch Intake - Armstrong Creek	985
BLRI0193	Armstrong Creek	988
BLRI0194	Bridge Below Gaging Station Sse Of Celo	990
BLRI0195	South Toe River Near Celo, N. C.	992

BLRI0196	South Toe River At Sr 1168 Near Celo NC	995
BLRI0197	Curtis Creek	1010
BLRI0198	Locust Creek Near Celo N C	1012
BLRI0199	Carolina Hemlocks Swimming Beach	1015
BLRI0200	Black Mountain Campground	1019
BLRI0201	Lower Creek At Mouth Nr Busick, NC	1020
BLRI0202	South Toe River Near Deep Gap NC Pristine Strm	1022
BLRI0203	Lower Creek At Camp Alice (Mt. Mitchell), NC	1032
BLRI0204	Lower Creek Nr Camp Alice (Mt. Mitchell), NC	1034
BLRI0205	Lower Creek Blw Camp Alice (Mt. Mitchell), NC	1036
BLRI0206	Big Poplar Cr Headwaters At Mt. Mitchell, NC	1038
BLRI0207	Beech Nursery Cr At Mouth Nr Eskota, NC	1040
BLRI0208	Blue Sea Cr At Mouth Nr Eskota, NC	1042
BLRI0209	Burnett Reservoir At Ups End Nr Walkertown NC	1044
BLRI0210	Burnett Reservoir At Ups End Nr Walkertown NC	1045
BLRI0211	Burnett Reservoir At Ups End Nr Walkertown NC	1046
BLRI0212	Burnett Reservoir	1047
BLRI0213	Burnett Reservoir At Dam Nr Walkertown NC	1049
BLRI0214	Burnett Reservoir At Dam Nr Walkertown NC	1050
BLRI0215	Burnett Reservoir At Dam Nr Walkertown NC	1051
BLRI0216	Burnett Reservoir	1053
BLRI0217	N Fork Swannanoa R Nr Black Mtn Inact-750326	1055
BLRI0218	Nf Swannanoa River At Dam Nr Black Mountain	1057
BLRI0219	N Fk Swannanoa R Bl Burnett Res Nr Black Mtn NC	1058
BLRI0220	N Fork Swannanoa R Nr Black Mountain, N. C.	1059
BLRI0221	Beetree Reservoir At Dam Nr Swannanoa	1060
BLRI0222	Beetree Reservoir At Dam Nr Swannanoa	1061
BLRI0223	Beetree Reservoir At Dam Nr Swannanoa	1062
BLRI0224	Beetree Ck Near Swannanoa NC Ps-10	1064
BLRI0225	Beetree Creek Near Swannanoa N C	1077
BLRI0226		1098
BLRI0227	Near Ashville Recreation Park	1100
BLRI0228	0.13 Above Mouth Of Gashes Creek	1101
BLRI0229	Reems Creek	1102
BLRI0230	Busbee Reservoir Nr Dam Nr Oakley NC	1104
BLRI0231	Busbee Reservoir Nr Dam Nr Oakley NC	1105
BLRI0232	Busbee Reservoir Nr Dam Nr Oakley NC	1106
BLRI0233	French Broad R Trib Nr Arden NC Inact-740418	1108
BLRI0234	Ross Creek At Beaucatcher Rd Nr Asheville NC	1110
BLRI0235	Ross Cr At Beaucatcher Rd At Asheville, NC	1111
BLRI0236	Lake Julian Ds Southern Rr Bridge Nr Skyland NC	1112
BLRI0237	Lake Julian Ds Southern Rr Bridge Nr Skyland NC	1113
BLRI0238	Lake Julian Ds Southern Rr Bridge Nr Skyland NC	1114
BLRI0239	French Broad R Trib Nr Royal Pines Inact-740425	1116
BLRI0240	Lake Julian Ds Hwy 280 Nr Skyland NC	1118
BLRI0241	Lake Julian Ds Hwy 280 Nr Skyland NC	1120
BLRI0242	Lake Julian Ds Hwy 280 Nr Skyland NC	1121
BLRI0243	French Broad R Trib Nr Skyland NC Inact-740425	1122
BLRI0244	French Broad R Trib Nr West Haven NC Inac-740425	1124
BLRI0245		1126
BLRI0246	Swannanoa River At Biltmore, N. C.	1128
BLRI0247	Lake Julian Nr Dam Nr Skyland NC	1131
BLRI0248	Lake Julian Nr Dam Nr Skyland NC	1132
BLRI0249	Swannanoa River At Biltmore NC	1134

BLRI0250	Lake Julian Nr Dam Nr Skyland NC	1145
BLRI0251	French Broad R @ NC Hwy 280 Nr Skyland NC	1146
BLRI0252		1157
BLRI0253	Nasty Branch At Sr 1126 At Asheville, NC	1161
BLRI0254	Nasty Branch At Asheville, NC	1162
BLRI0255	Swannanoa River Nr Biltmore NC Inact-750214	1164
BLRI0256	Reed Ck At Weaver Blvd At Asheville NC	1165
BLRI0257	Reed Creek Above Barnard Ave. At Asheville, N.C.	1166
BLRI0258	The Lagoon	1168
BLRI0259		1170
BLRI0260	Above Swannanoa River	1171
BLRI0261	Bent Ck At NC Hwy 191 Nr West Haven Inact-750207	1173
BLRI0262	French Broad R Ab Bent Cr At Bent Creek N C	1174
BLRI0263	French Broad River At Bent Creek N C	1176
BLRI0264	Hominy Creek @ Sr3431 Nr Asheville Inact-750115	1184
BLRI0265	Westley Creek At Avery Creek NC Inact-750207	1186
BLRI0266	Bridge Above Pond Branch	1187
BLRI0267	Bent Creek Near Avery Creek NC Inact-730911	1191
BLRI0268	Lake Powhatan	1192
BLRI0269	North Fork Mills River Above Mills River N C	1196
BLRI0270	Bridge At North Fork Mills River Recreation Area	1199
BLRI0271	Fletcher Creek	1201
BLRI0272	Middle Fork 2	1202
BLRI0273	Big Creek	1203
BLRI0274	Fletcher Creek Upper	1204
BLRI0275	Middle Fork	1205
BLRI0276	Spencer Branch	1206
BLRI0277	Fletcher Creek 2	1207
BLRI0278	Bradley Creek - Lower 2 - St	1208
BLRI0279	Bradley Creek - Lower 1 - St	1210
BLRI0280	Bradley Creek - Lower 3 - St	1213
BLRI0281	Bradley Creek - Middle - St	1214
BLRI0282	Bradley Creek - Upper - St	1217
BLRI0283	S. Mills R. Gaging Station - Db	1219
BLRI0284	Thompson Creek - Sb	1221
BLRI0285	Buckhorn Gap	1223
BLRI0286	Pigeon Creek Lower	1224
BLRI0287	Pigeon Creek Upper	1225
BLRI0288	South Fork Mills River	1226
BLRI0289	Cradle - Poundingmill Branch, Ar	1228
BLRI0290	Cherry Cove Branch Br/Eb	1230
BLRI0291	Sliding Rock	1233
BLRI0292	Below Bridge At Cruso	1237
BLRI0293	East Fork Pigeon River	1239
BLRI0294	Cove Creek Camping Area - Gr	1241
BLRI0295	Davidson R @Gort Rd Pisgah Natl Forest In-750505	1242
BLRI0296	Below Trout Rearing Station - Aa	1244
BLRI0297	Acid Rain Study - Brevard NC To Davidson River	1247
BLRI0298	Above Trout Rearing Station - Ab	1248
BLRI0299	Deep Gap	1251
BLRI0300	Middle Prong West Fork	1252
BLRI0301	Right Hand Prong Off NC Hwy 215 Near Beech Gap	1254
BLRI0302	Middle Prong West Fork	1256
BLRI0303	Wolf Creek Reservoir	1258

BLRI0304	Wolf Creek Reservoir	1260
BLRI0305	Allen Ck @ Sr1148 Near Hazelwood NC Inact-741114	1262
BLRI0306	Allen Creek Reservoir At Ups End Nr Hazelwood	1264
BLRI0307	Allen Creek Reservoir At Ups End Nr Hazelwood	1265
BLRI0308	Allen Creek Reservoir At Ups End Nr Hazelwood	1266
BLRI0309	Allen Ck @ Us 19&23 @ Hazelwood NC Inact-741114	1267
BLRI0310	U.S. Hwys 19A & 23 At Waynesville	1268
BLRI0311	Richland Ck Us Dayco South Hazelwood Ina-741114	1269
BLRI0312	Allen Creek Near Hazelwood, N.C.	1271
BLRI0313	200 Feet Below Rocky Branch	1272
BLRI0314	Allen Creek Reservoir At Dam Nr Hazelwood NC	1274
BLRI0315	Allen Creek Reservoir At Dam Nr Hazelwood NC	1276
BLRI0316	Allen Creek Reservoir At Dam Nr Hazelwood NC	1277
BLRI0317	Above Hyatt Creek	1278
BLRI0318	Little Branch Creek	1280
BLRI0319	Little Branch Creek	1282
BLRI0320	Bridge 400 Feet Above Johnson Branch	1284
BLRI0321	Bridge 100 Feet Above Mouth Of Indian Creek	1286
BLRI0322	Tributary To Raven Fork 7.43	1288
BLRI0323	Tributary To Raven Fork 7.43	1290
BLRI0324	Bunches Creek	1291
BLRI0325	Tributary To Raven Fork 8.38	1293
BLRI0326	Tributary To Raven Fork 7.43	1295
BLRI0327	Bunches Creek	1297
BLRI0328	Road Crossing 0.5 Mile Sw Of Straight Fk Mouth	1299
BLRI0329	Straight Fork Ck Below Raven Fork Inact-750224	1301
BLRI0330	Straight Fork Ck @ Sr1368 @Ravensford In-750224	1303
BLRI0331		1305
BLRI0332	Oconaluftee R @Sr1368 N Ravensford Inact-750224	1307
BLRI0333	Mingus Creek At Ravensford	1309
BLRI0334	Bridge At Smokemont Campground	1312
BLRI0335	Oconaluftee River Nr Cherokee NC Inact-750129	1314
BLRI0336	Oconaluftee River At Cherokee NC Inact-750129	1317
	EPA Water Quality Criteria Analysis for Entire Park Study Area	1320
	NPS Servicewide Inventory and Monitoring Program	
	“Level I” Water Quality Inventory Data Evaluation and Analysis (IDEA)	1324
	Water Quality Observations Outside STORET Edit Criteria for Park	1332

V.	APPENDICES	1335
A.	Computer Files Transmitted With Park Baseline Water Quality Data Inventory and Analysis	A-1
B.	Water Quality Database File Structures	B-1
	Parameter Data File	B-1
	Water Quality Station Data File	B-4
	Industrial Facilities Discharges File	B-6
	Drinking Water Intakes File	B-9
	Water Gage File	B-12
	Water Impoundment File	B-14
	RF3 Structure File	B-18
	RF3 Trace File	B-22
	Catalog Unit Boundary File	B-23
	Encyclopedia File	B-24
C.	STORET Water Quality Control/Edit Checking	C-1
D.	STORET Administrative Parameters	D-1

E.	<u>STORET Parameters Not Suitable for Statistical Analysis</u>	E-1
F.	<u>National EPA Water Quality Criteria Summary</u>	F-1
G.	<u>Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program “Level I” Parameter Groups</u>	G-1
H.	<u>Literature Cited</u>	H-1
I.	<u>Selected General Water Quality References</u>	I-1

INTRODUCTION

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

Goal

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

Purpose

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

Objectives

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;
2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;
4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;
5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and
6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

Document Overview

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+¹ format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

Caveats

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses² and with the Servicewide Inventory and

¹The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

²The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

Key Personnel

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Jill Minter coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Julie Mattick and Mike Matz helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Scott Hermsen, and Alicia Lizarraga provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Randy Siddens and Kelli O'Connor uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.

METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

Data Retrieval and Analysis Procedures

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

- (1) Reformat the data into DBASE III+ format and other database structures;
- (2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
- (3) Display on a map the location of water quality monitoring stations and other water resources themes;
- (4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
- (5) Generate descriptive period-of-record water quality statistics in a tabular format;
- (6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
- (7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
- (8) Compare the water quality data against relevant EPA national criteria; and

- (9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

Park Unit Databases

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

- (A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.
- (B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.
- (C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.
- (D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.
- (E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.
- (F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.
- (G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

Screening Methodologies and Procedures

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied.* Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

STORET Edit Criteria

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):							
Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

Station Types Included In Retrieval

- (a) STREAM
- (b) CANAL
- (c) LAKE
- (d) RESERV (Reservoir)
- (e) SPRING
- (f) FWTLND (Fresh Water Wetland)
- (g) SWTLND (Salt Water Wetland)
- (h) ESTURY (Estuary)
- (i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

<u>Code</u>	<u>STORET Administrative Parameter Description</u>
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

<u>Media Screen</u>	<u>Description</u>
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

Elimination:

Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:	
Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

Modification/Inclusion:

Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	Description of STORET Remark Code
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes	
Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
\$	Accuracy
B	N/A
D	Indicates Replicate Sample

Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	STORET Parameter Description
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

<p>Time Series:</p> <p>To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations.</p> <p>Annual Analysis:</p> <p>To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
--

The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

<p>Annual Analysis:</p> <p>For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
--

Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

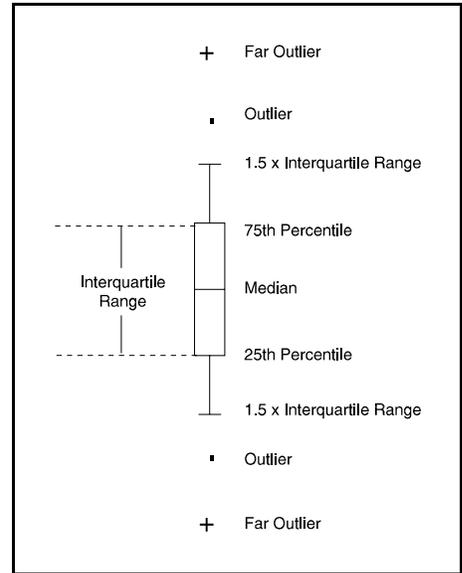
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



INTERPRETIVE GUIDE TO WATER QUALITY RESULTS

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

Overview

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

Regional Location Map

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

Water Quality Monitoring Locations Map(s)

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

Representative Mean Annual Hydrograph for Seasonal Analysis

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

- (1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

- (2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.
- (3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

Contacts for Agency Codes Retrieved

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Quantity of Data Retrieved by Agency Code

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station Period of Record Tabulation

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

Parameter Period of Record Tabulation

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station/Parameter Period of Record Tabulation

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station-By-Station Results

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

Station Inventory for Station

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

Parameter Inventory for Station

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (**) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from $\mu\text{eq/l H}^+$; and (3) $\mu\text{eq/l H}^+$. The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to $\mu\text{eq/l H}^+$ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as $\mu\text{eq/l H}^+$, the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

EPA Water Quality Criteria Analysis for Station

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Time Series Plots for Station

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

Annual Analysis for Station

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Annual Box-and-Whiskers Plots for Station

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH, $\mu\text{eq/l H}^+$ are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

Seasonal Analysis for Station

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Seasonal Box-and-Whiskers Plots for Station

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH, $\mu\text{eq/l H}^+$ are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

EPA Water Quality Criteria Analysis for Entire Park Study Area

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

NPS Servicewide Inventory and Monitoring Program

Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

<p><u>Required Parameter Groups:</u></p> <ol style="list-style-type: none">(1) Alkalinity(2) pH(3) Conductivity(4) Dissolved Oxygen(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)(6) Temperature(7) Flow <p><u>Case-By-Case Parameters Groups:</u></p> <ol style="list-style-type: none">(8) Toxic Elements(9) Clarity/Turbidity(10) Nitrate/Nitrogen(11) Phosphate/Phosphorus(12) Chlorophyll(13) Sulfates(14) Bacteria

The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

Water Quality Observations Outside STORET Edit Criteria for Park

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

WATER QUALITY RESULTS

OVERVIEW FOR BLRI¹

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	<u>Study Area</u>	<u>Park</u>
GIS Estimated Acreage:	1654080	90208
# STORET Stations:	336	29
# Stations With No Data:	21	0
# Stations With No Stat. Analysis:	8	0
# Longer Term Stations:	104	4
Date of STORET Retrieval:	11/02/95	11/02/95
Period of Record:	04/01/29-10/19/95	10/17/56-11/25/86
# Parameters Measured:	990	143
# Water Quality Observations:	197507	5426
# Industrial/Municipal Facilities:	149	1
# Drinking Water Intakes:	40	0
# Water Gages:	32	1
# Water Impoundments:	78	12
# Total Plots:	114	0
# Time Series:	45	0
# Annual:	47	0
# Seasonal:	22	0

Hydrologic Definition of Seasons:

1. July 1 - October 14
2. October 15 - March 31
3. April 1 - June 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 25 years and at least 160 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 16 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

Seasonal Analysis Criteria:

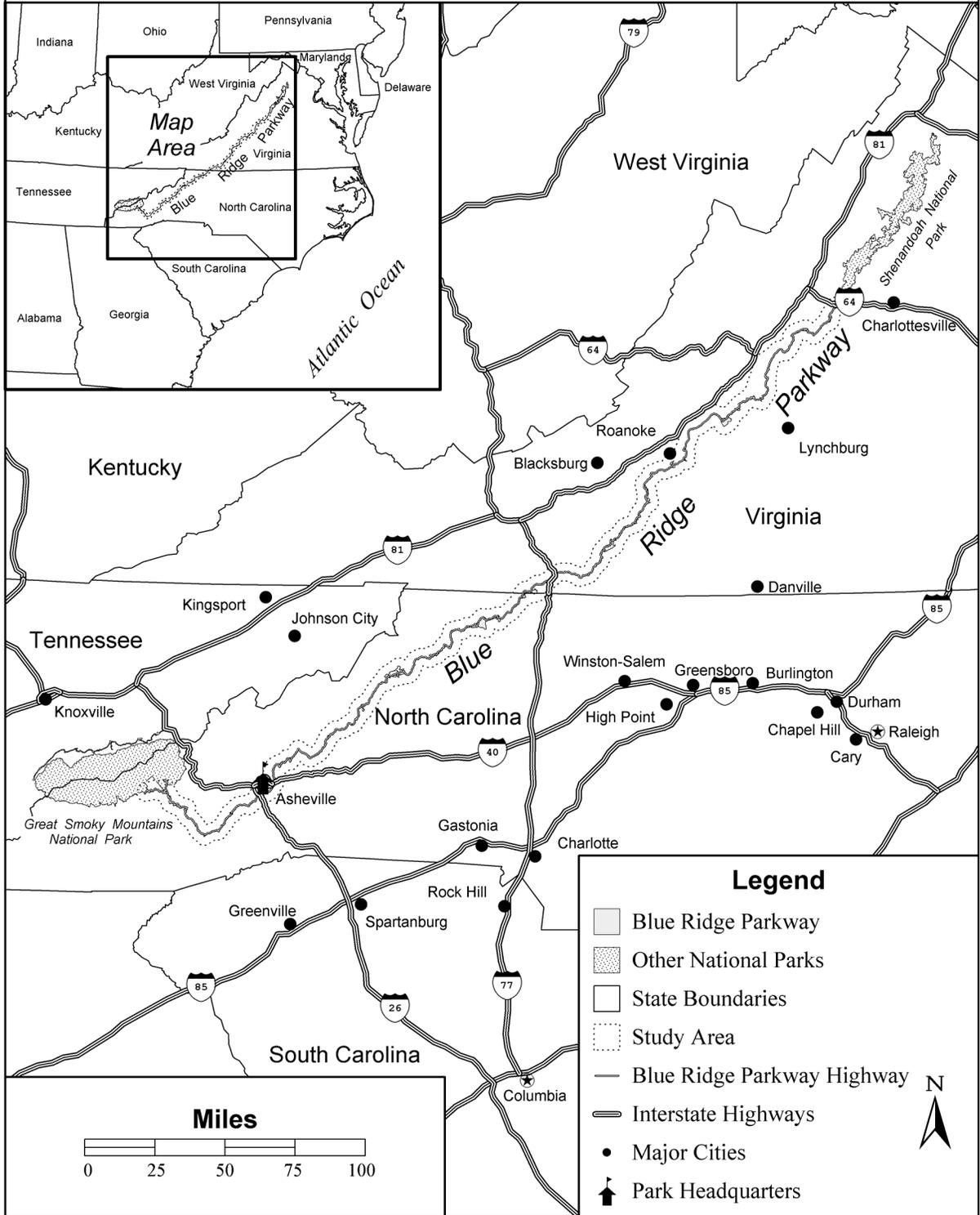
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 27 years and observations in at least 4 of the 27 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

¹To prepare a Microsoft Word version of this report, data were reprocessed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Blue Ridge Parkway

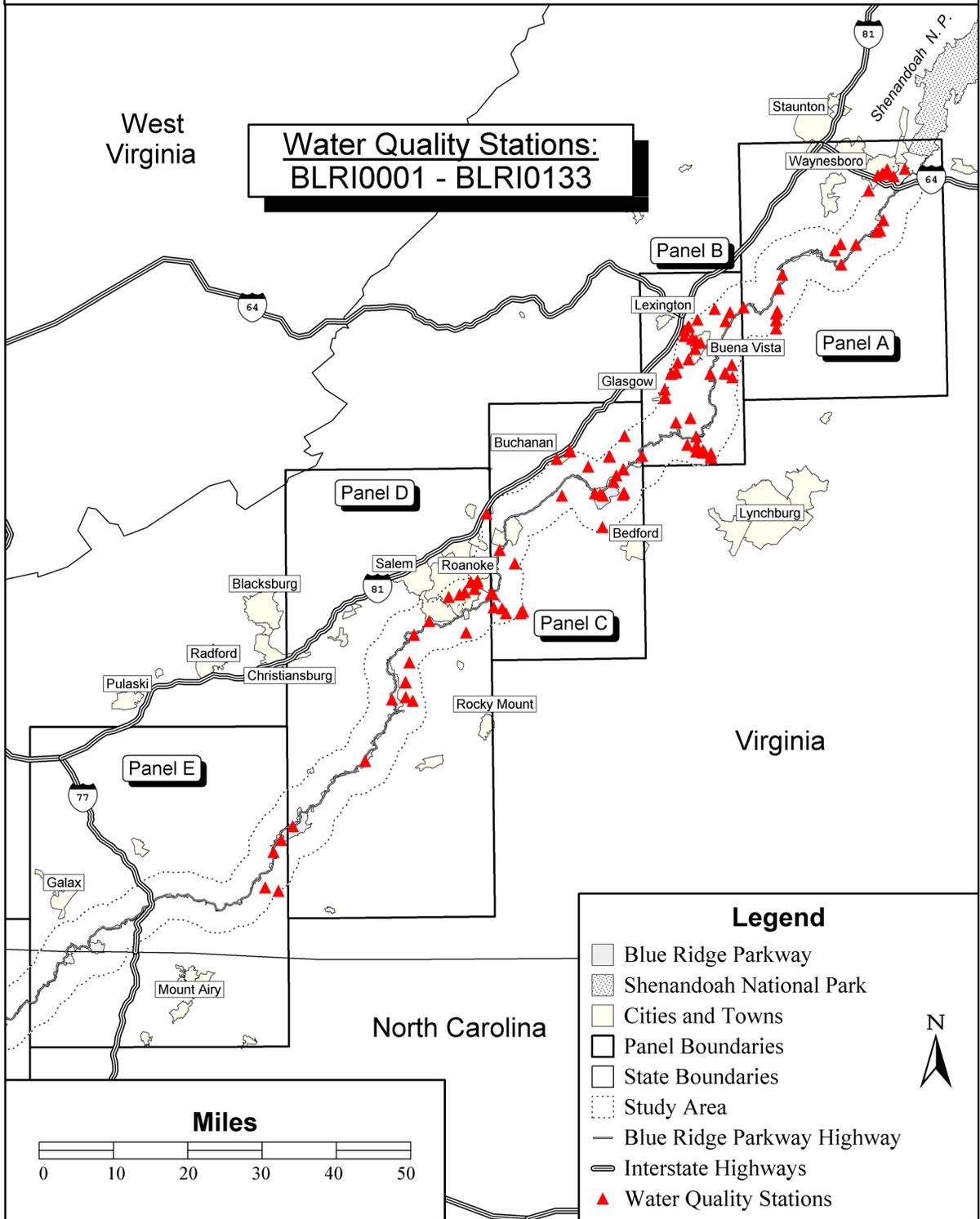
Regional Location Map



Blue Ridge Parkway

Water Quality Monitoring Locations

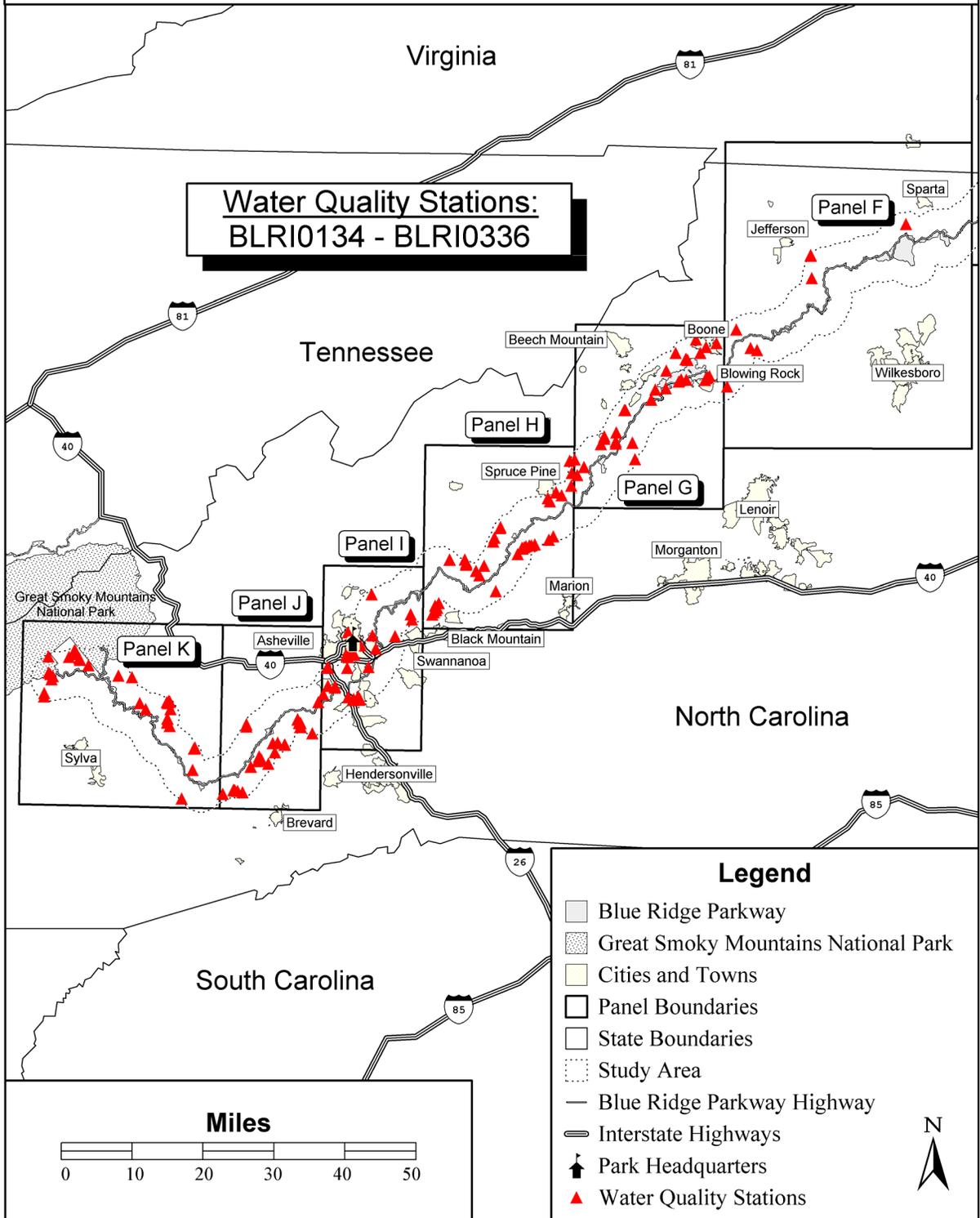
Graphic Panel Index - Virginia



Blue Ridge Parkway

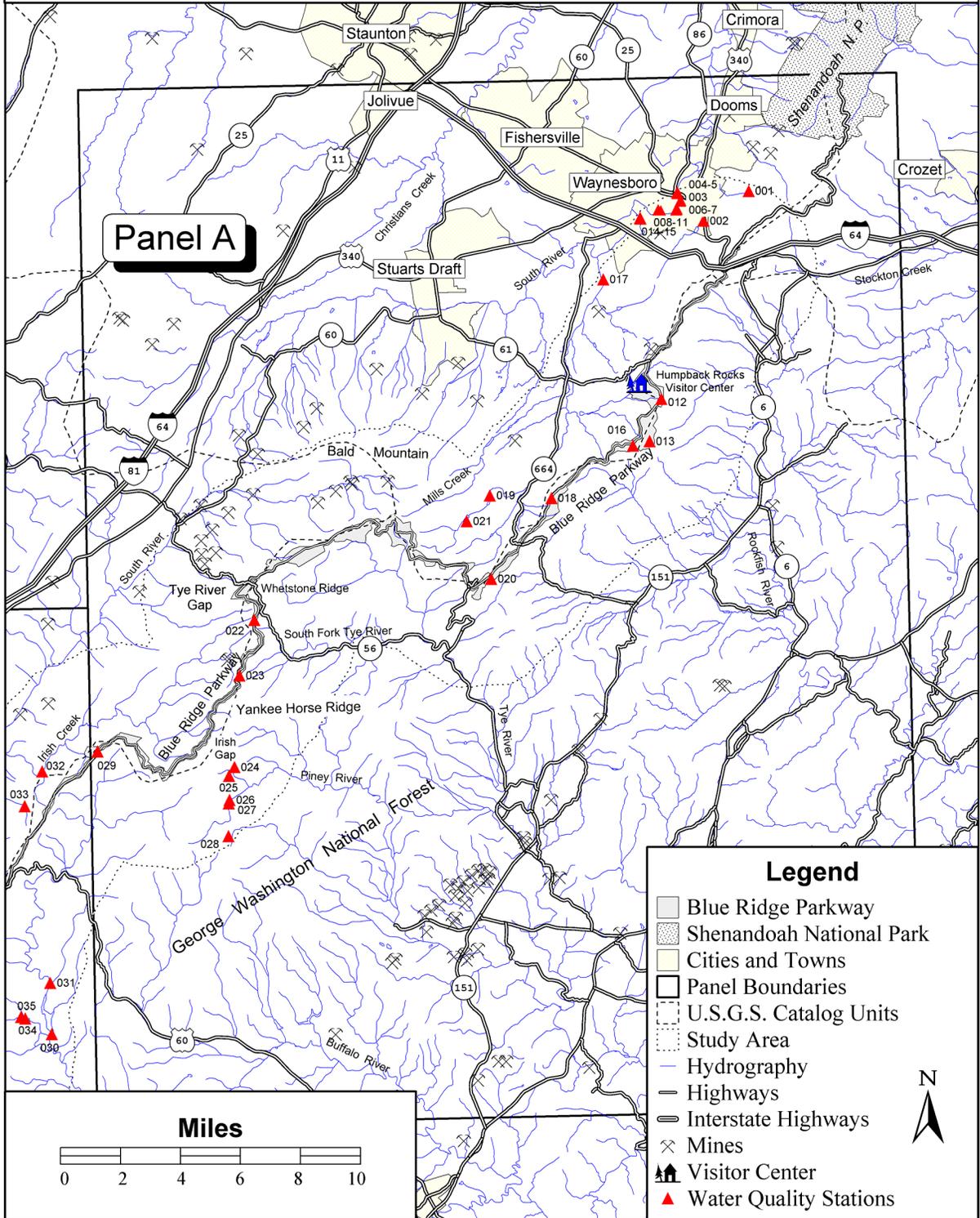
Water Quality Monitoring Locations

Graphic Panel Index - North Carolina



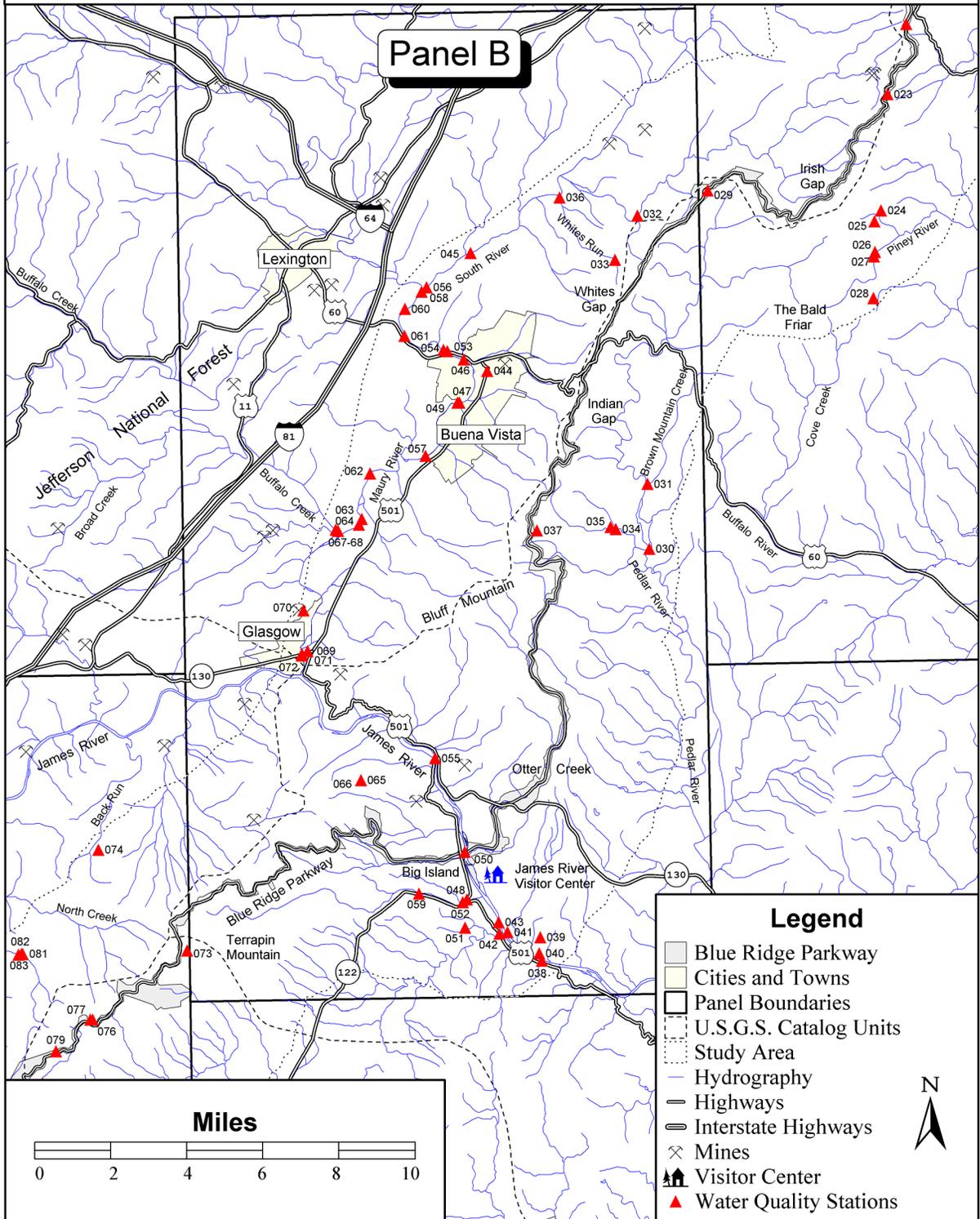
Blue Ridge Parkway

Water Quality Monitoring Locations



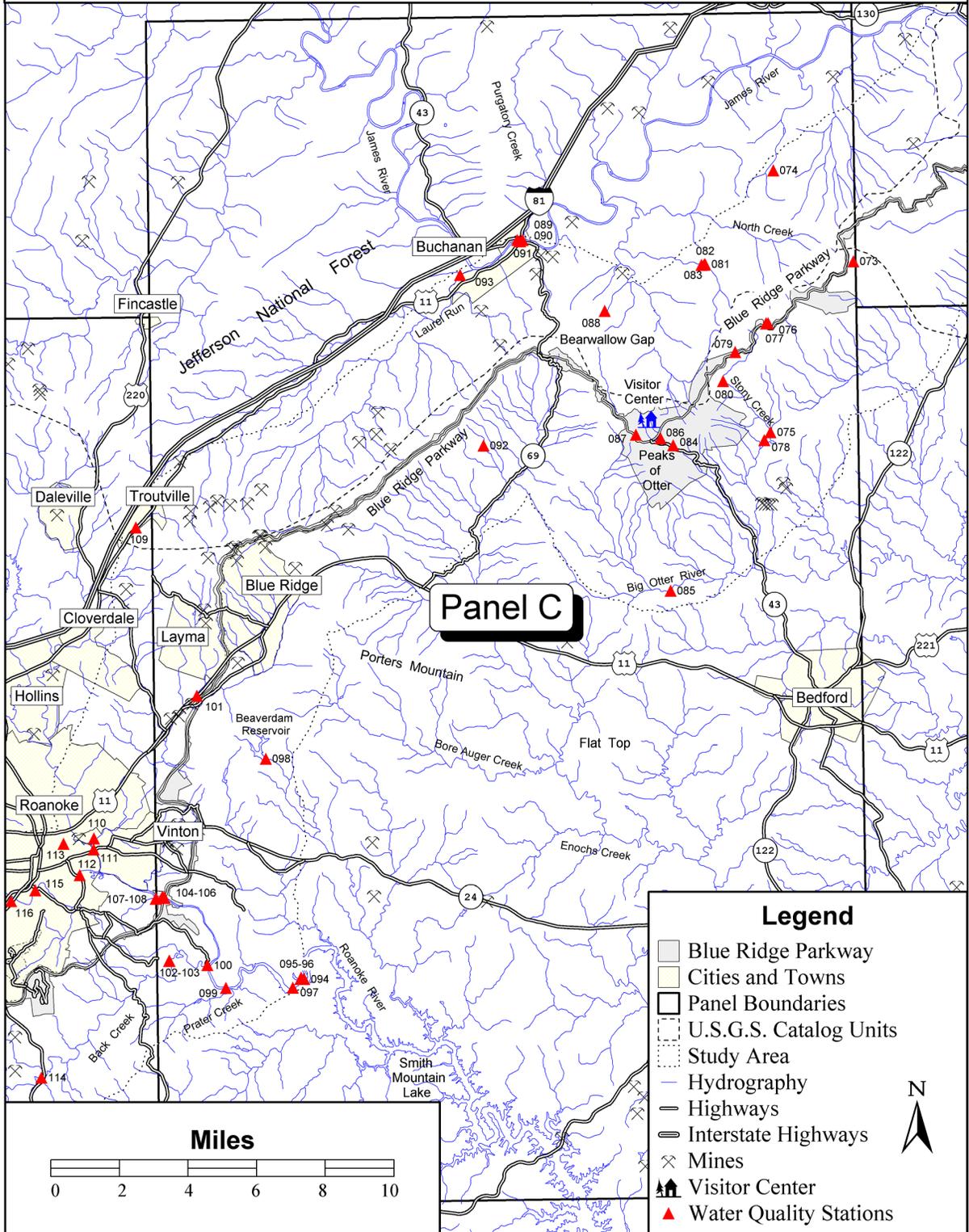
Blue Ridge Parkway

Water Quality Monitoring Locations



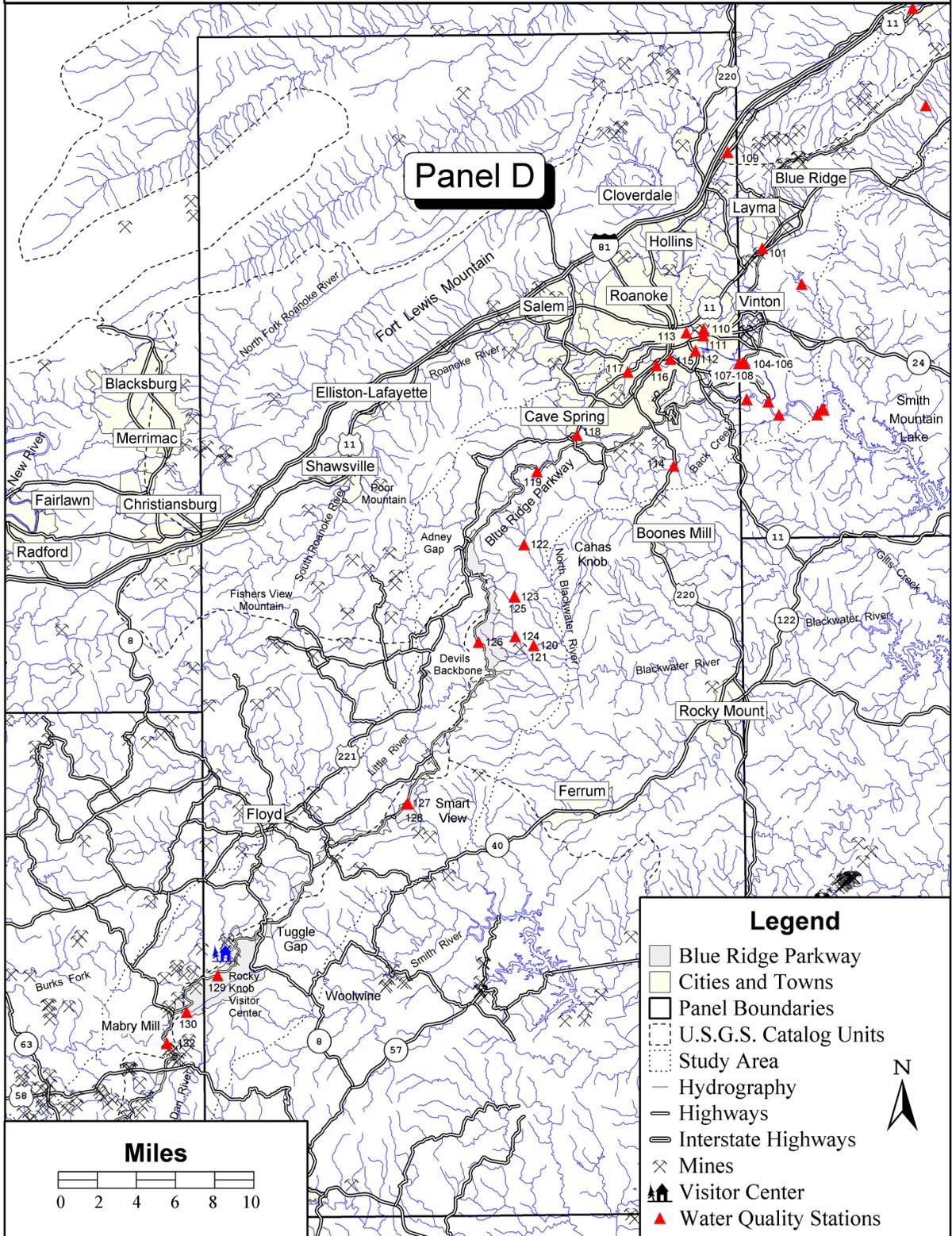
Blue Ridge Parkway

Water Quality Monitoring Locations



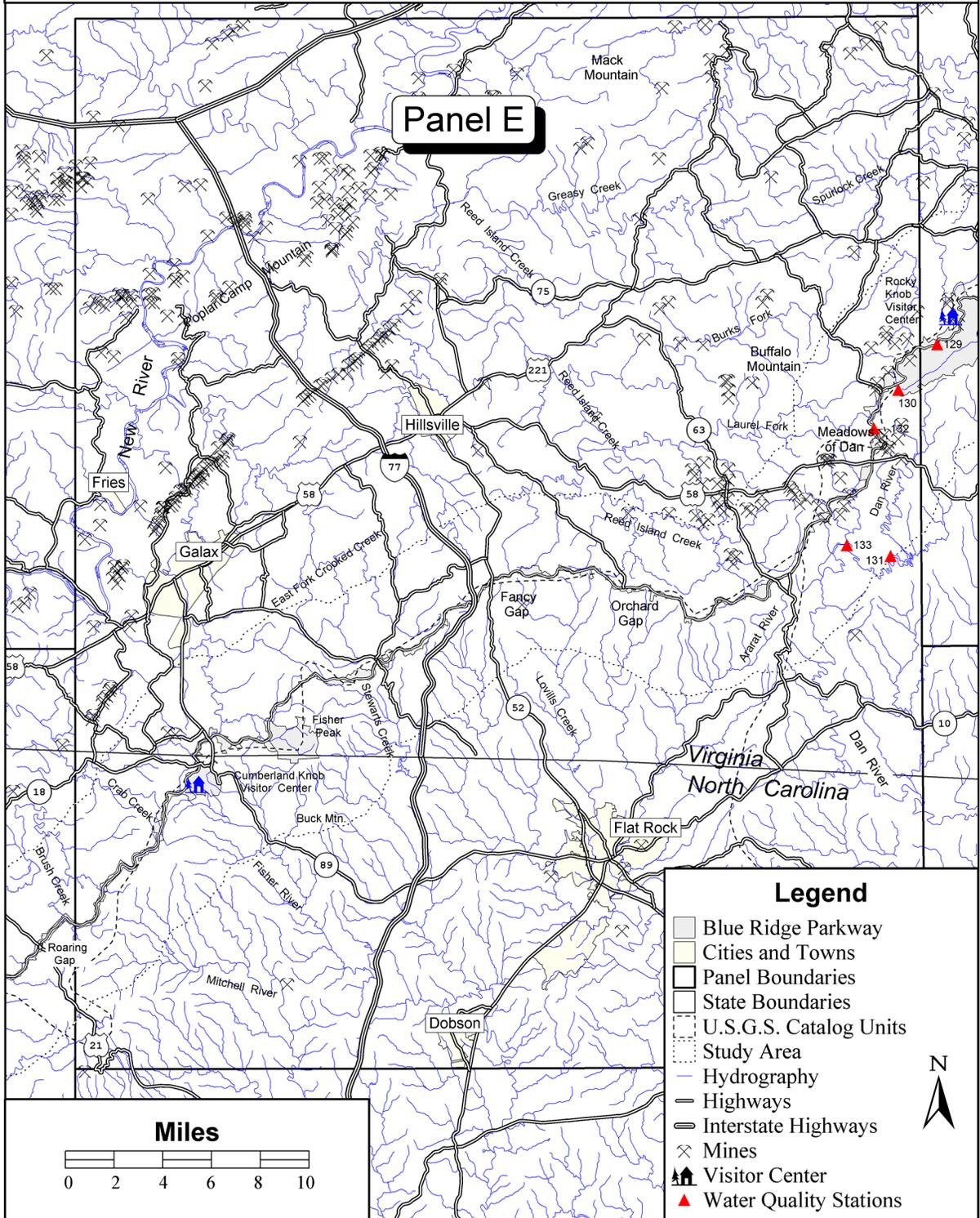
Blue Ridge Parkway

Water Quality Monitoring Locations



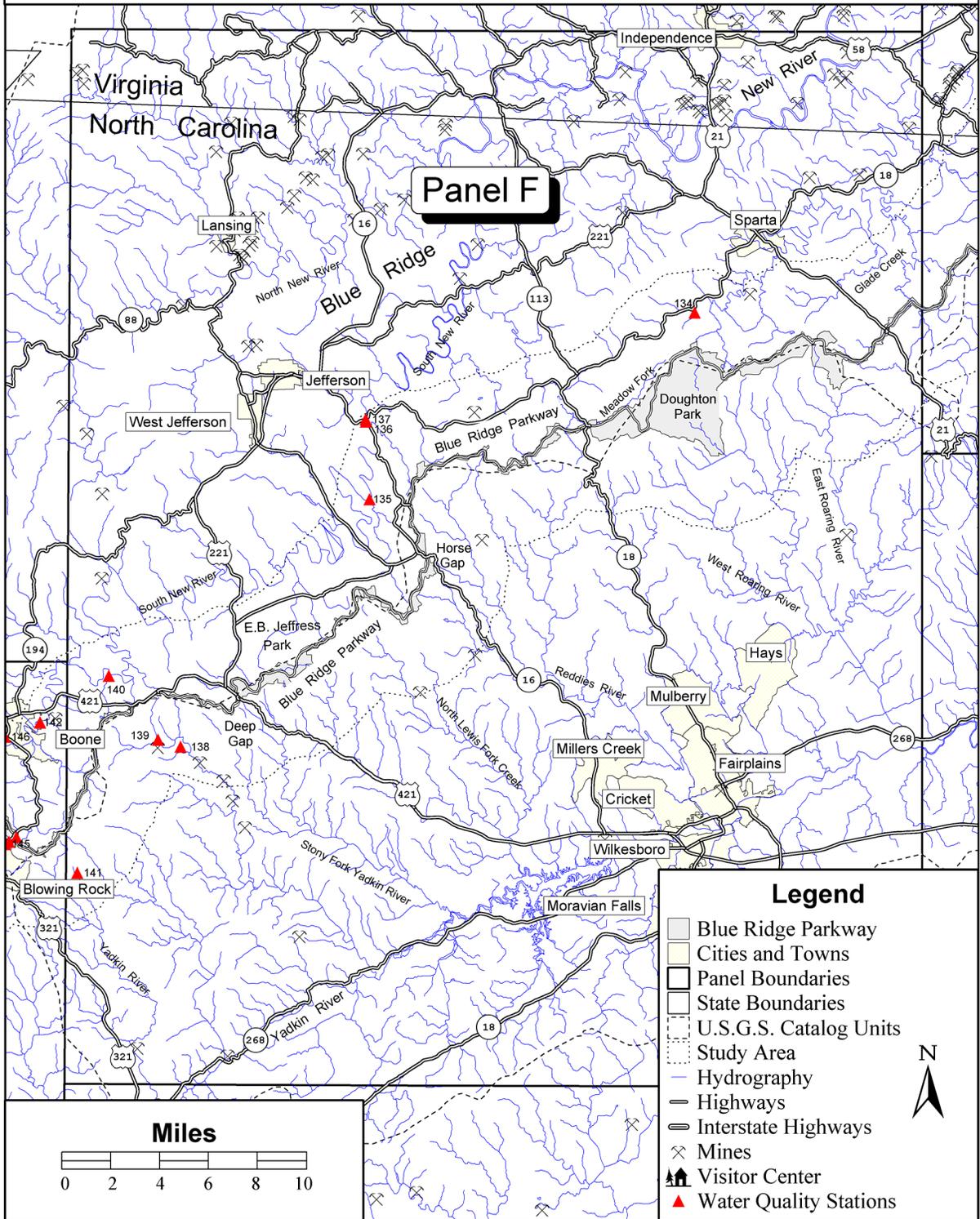
Blue Ridge Parkway

Water Quality Monitoring Locations



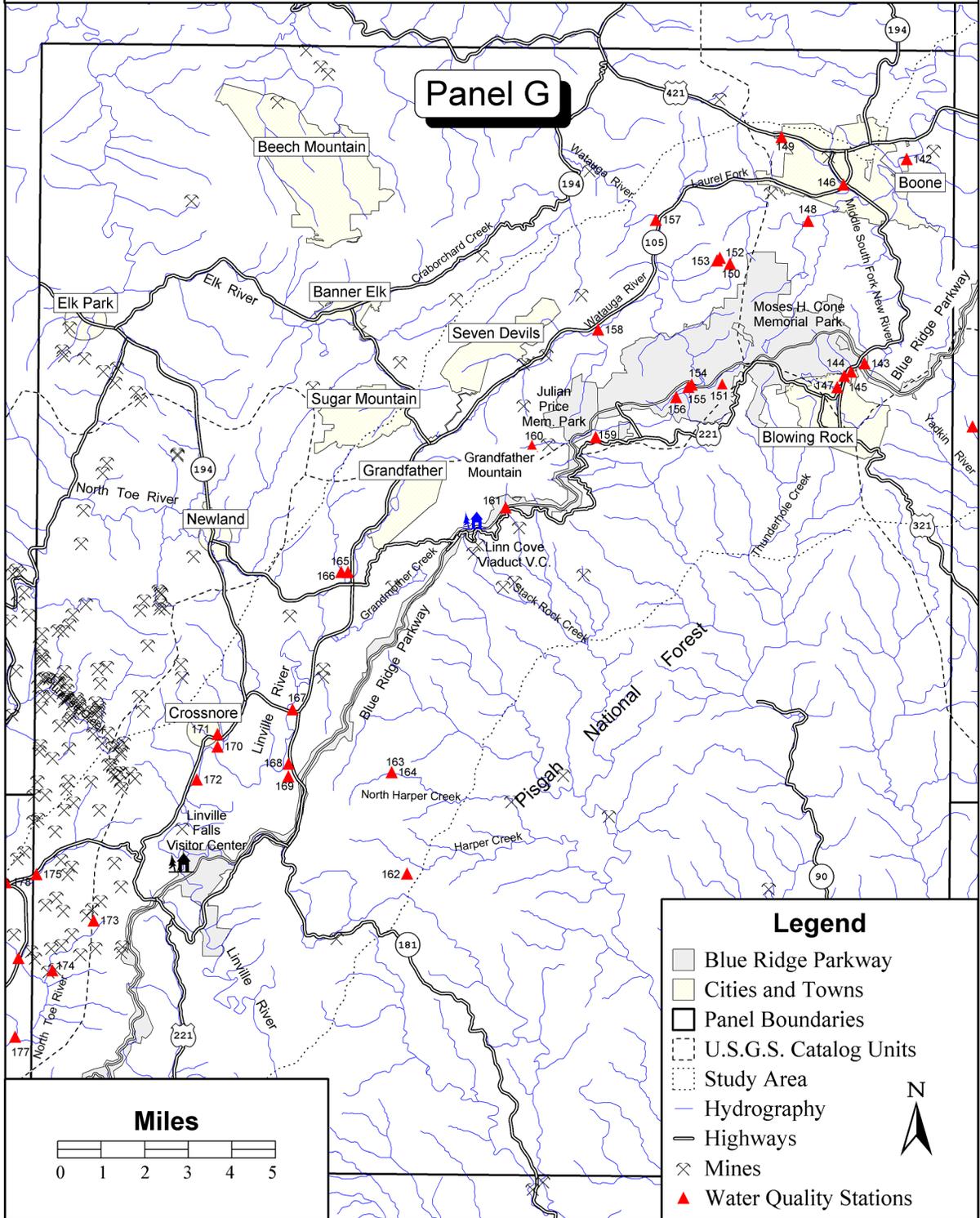
Blue Ridge Parkway

Water Quality Monitoring Locations



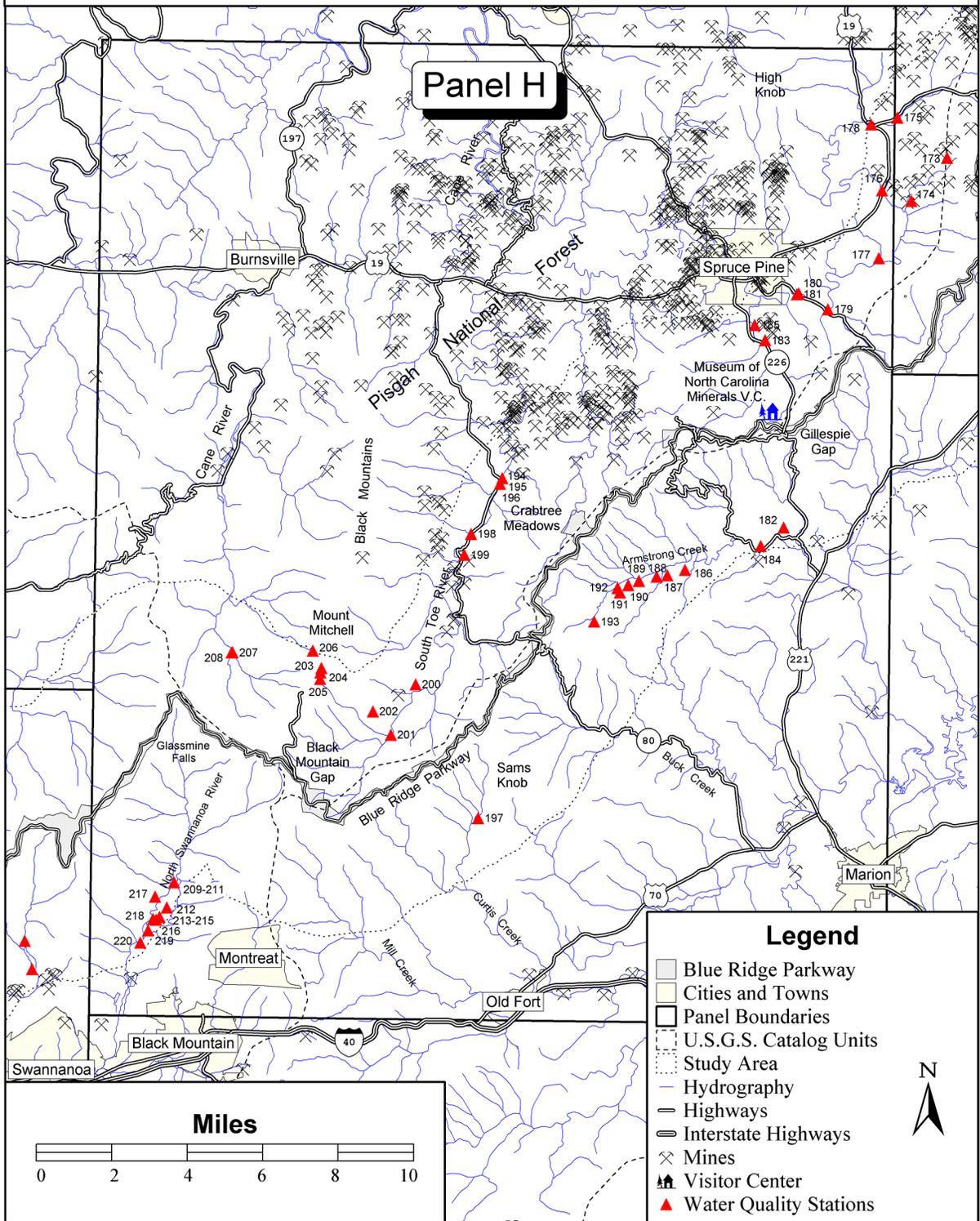
Blue Ridge Parkway

Water Quality Monitoring Locations



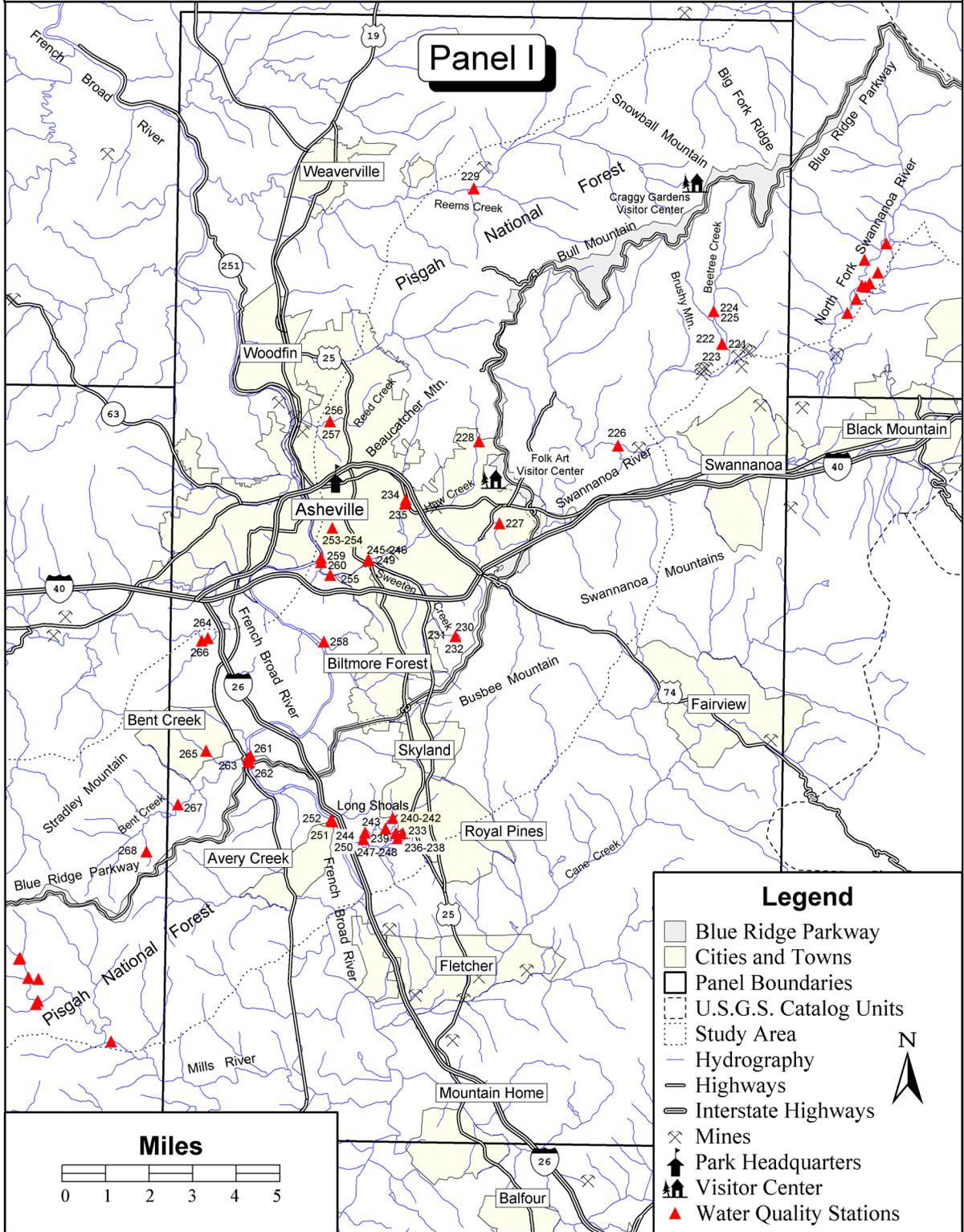
Blue Ridge Parkway

Water Quality Monitoring Locations



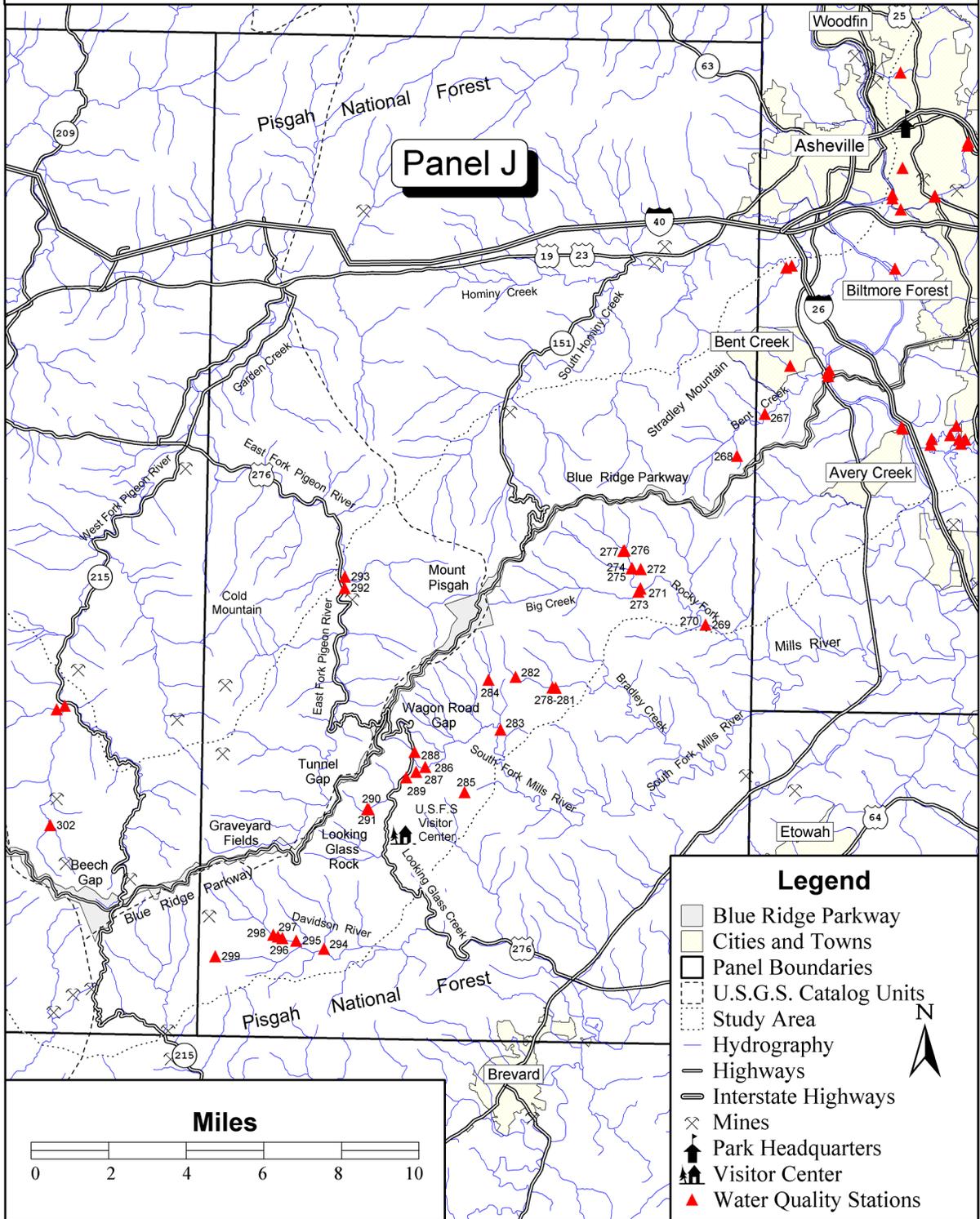
Blue Ridge Parkway

Water Quality Monitoring Locations



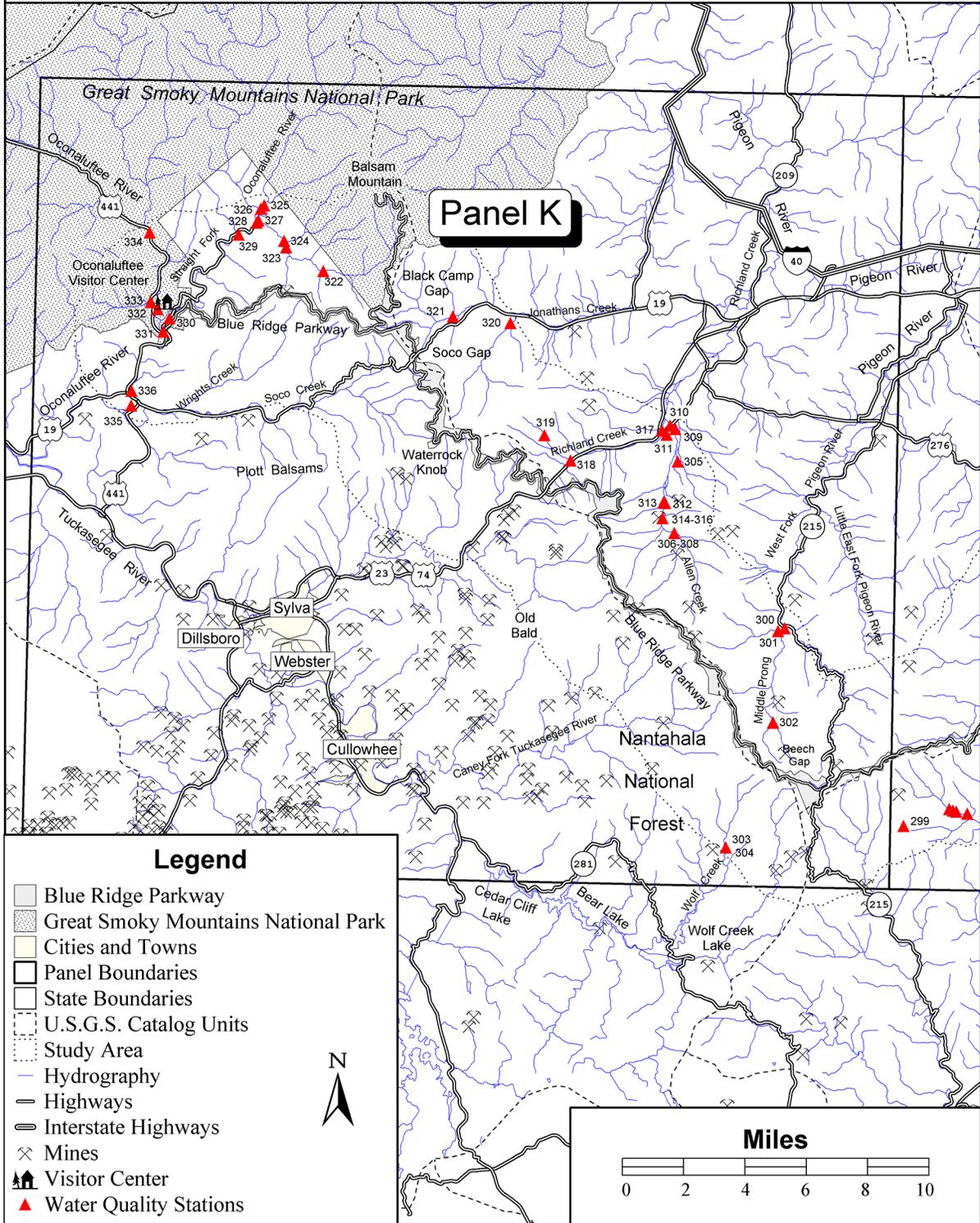
Blue Ridge Parkway

Water Quality Monitoring Locations



Blue Ridge Parkway

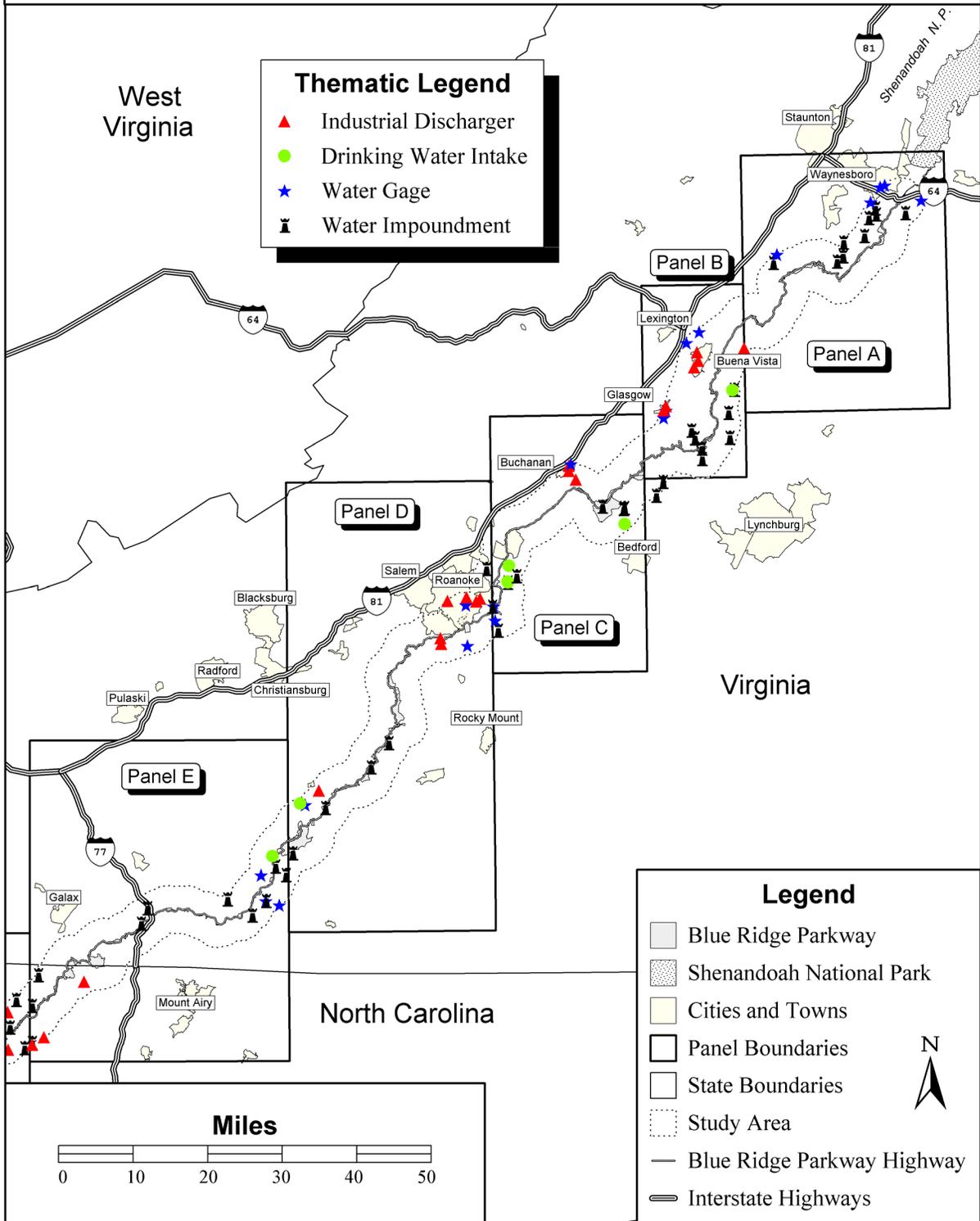
Water Quality Monitoring Locations



Blue Ridge Parkway

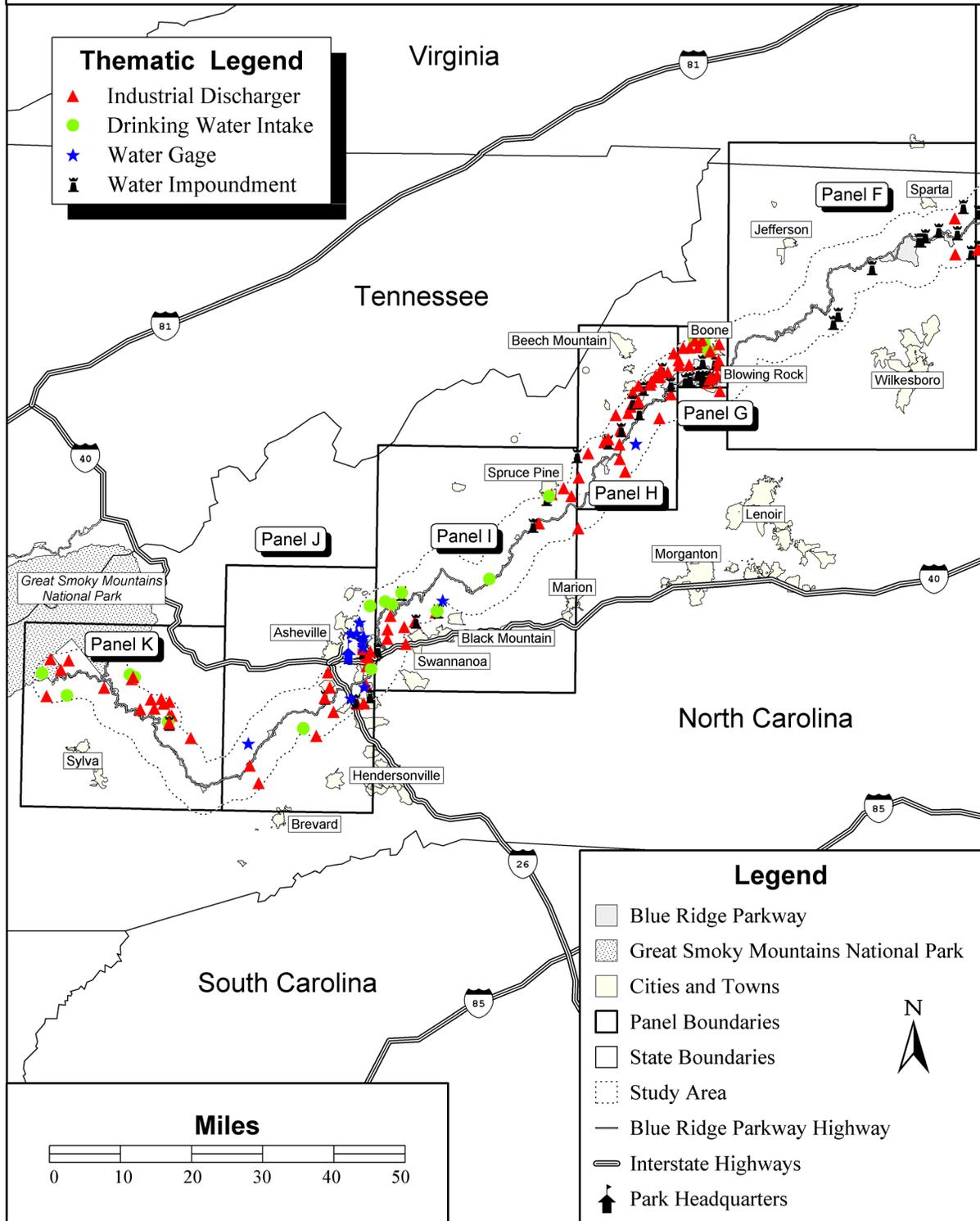
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index - Virginia



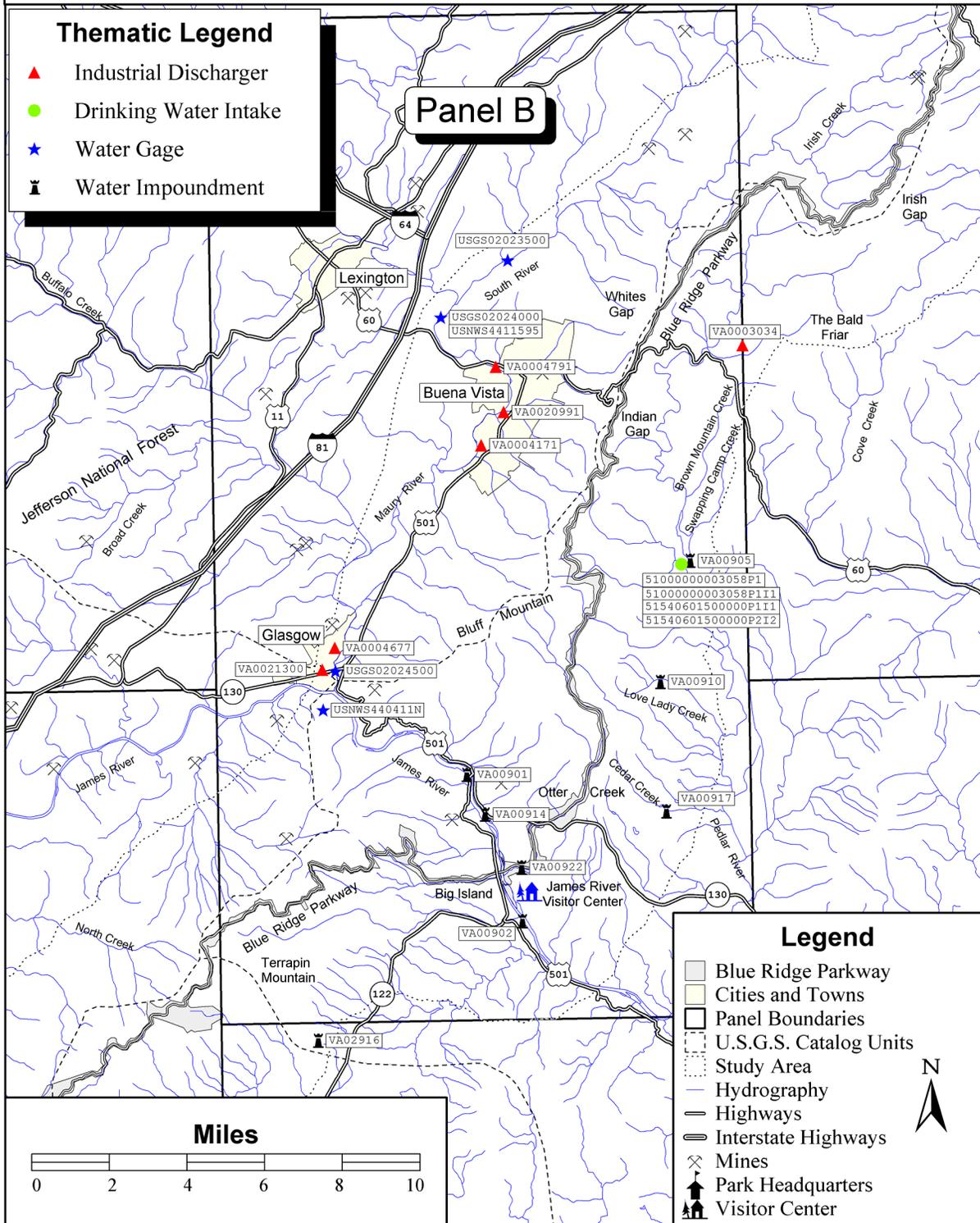
Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments Graphic Panel Index - North Carolina



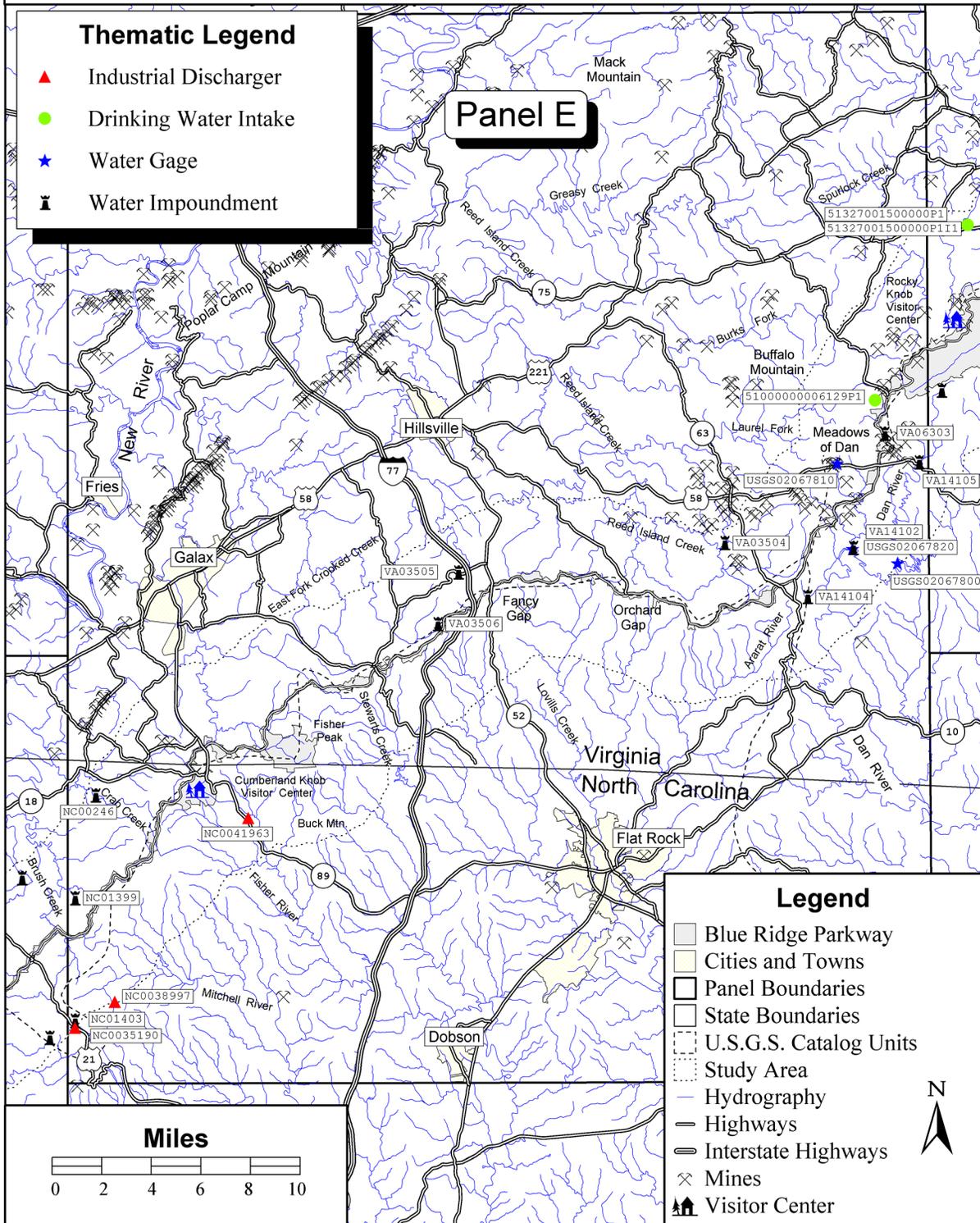
Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



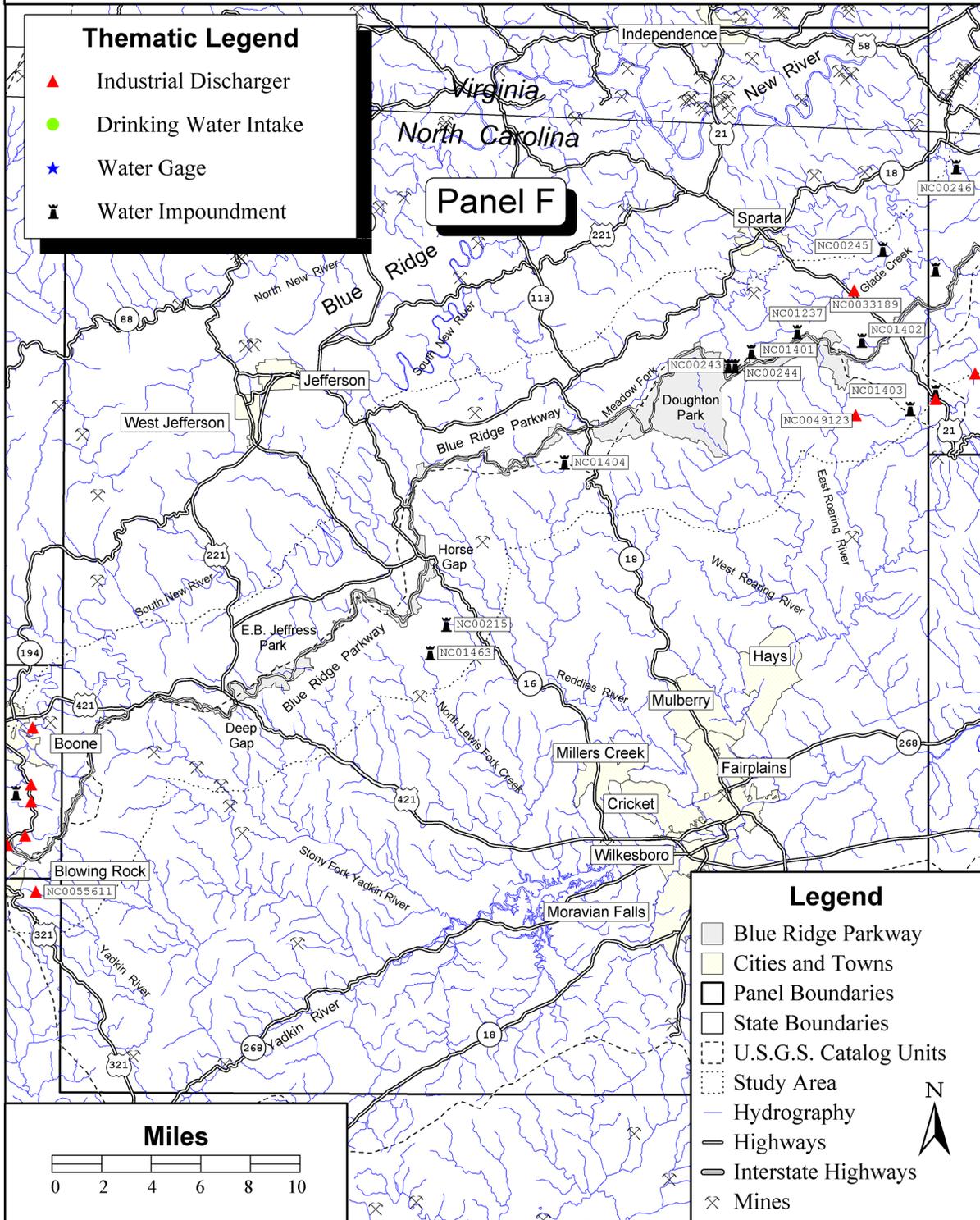
Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



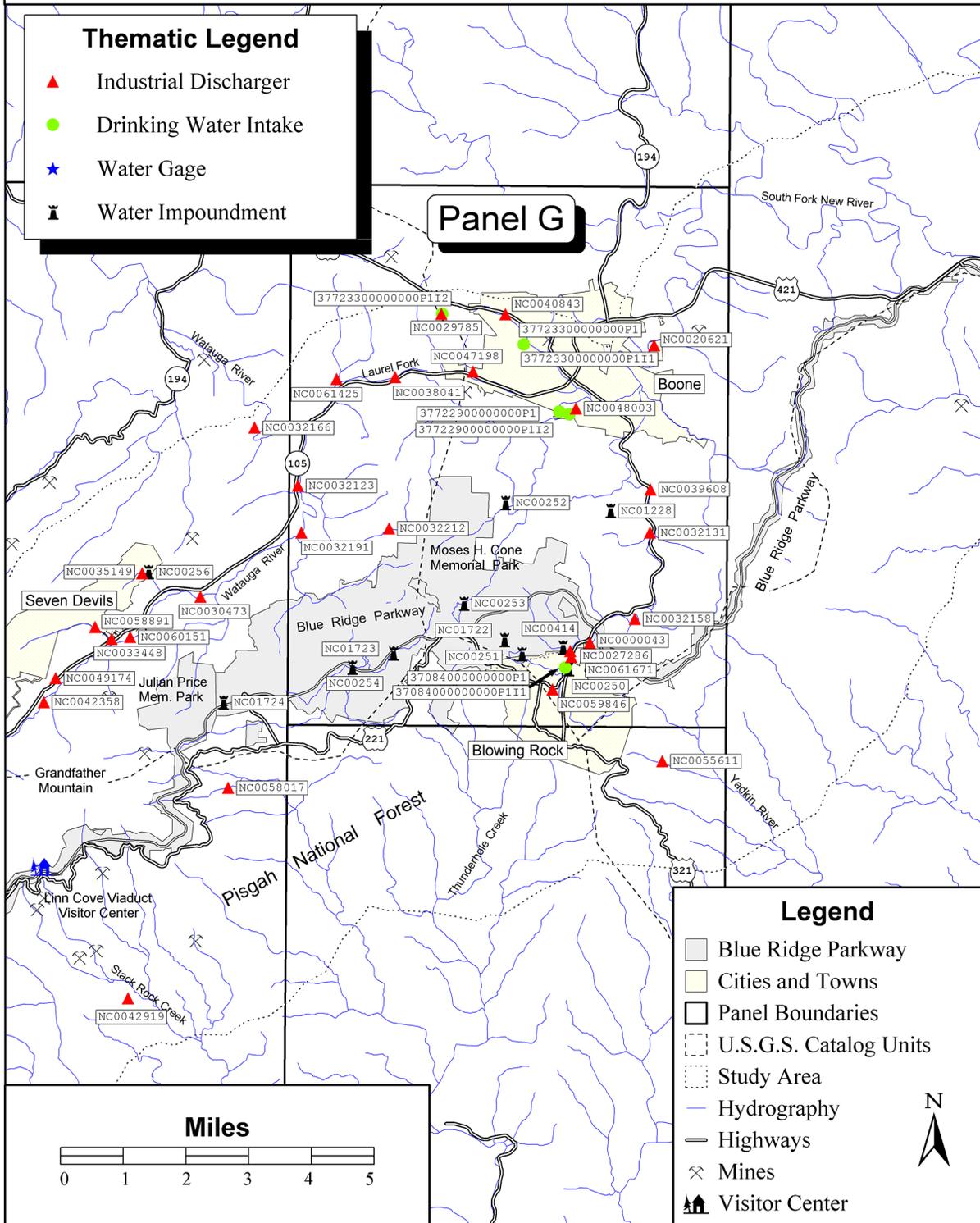
Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



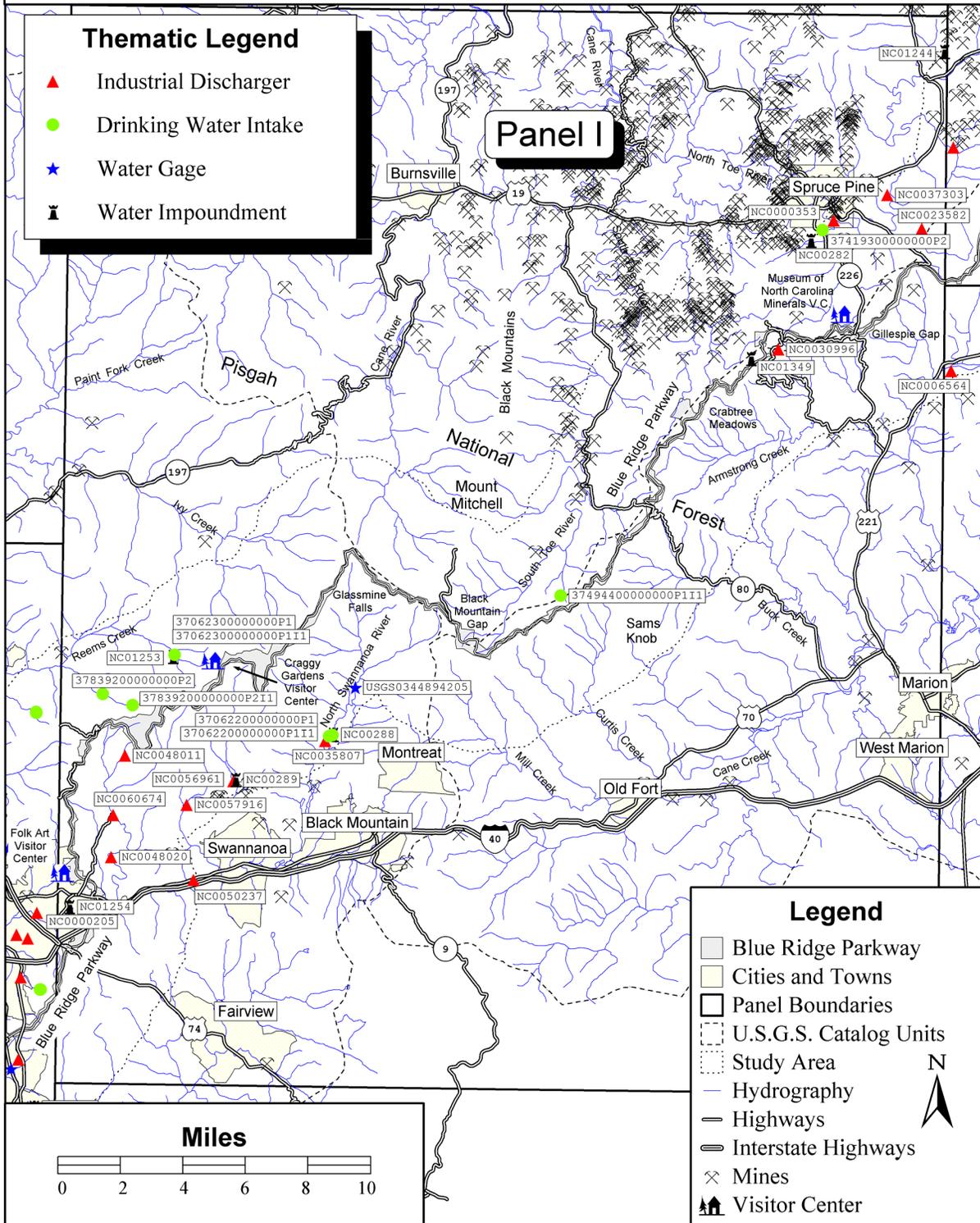
Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Blue Ridge Parkway

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Industrial Facility Discharges

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
NC000043	BLOWING ROCK WATER FILTRA PLT	.....	BLOWING ROCK T.	SF NEW R
NC0000205	SAYLES BILTMORE BLEACHERIES	US 74 & NC 81 E	ASHEVILLE CITY	SWANNANOVA R
NC0000221	GERBER PRODUCTS ASHVILLE	.....	SKYLAND	DINGLE C
NC0000329	DAYCO PRODUCTS, INC.	PO BOX 360	WAYNESVILLE	RICHLAND C
NC0000353	FELDSPAR CORP SPRUCE PINE	P.O. BOX 99	SPRUCE PINE	NO TOE RV
NC0000361	UNIMIN CORPORATION	258 ELM STREET	NEW CANAAN	NO TOE RV
NC0000388	HARRISON CONST.CO.DIV.APAC TEN	P.O. BOX 359	ALCOA	ALLEN CR
NC0000396	CP&L ASHEVILLE S.E. (PWR PLT)	ROUTE 1, BOX 327	NEW HILL	FRENCH BROAD R
NC0006564	TRAVENOL LAB NO COVE	.....	.....	NF CATAWBA R
NC0006939	ASHEVILLE CONCRETE ASHEVILLE	.....	ASHEVILLE CITY	TR TO SWANNANOVA R
NC0020460	USDA FS SLIDING ROCK REC AREA	HWY 276	PISGAH FOREST	LOOKING GLASS C
NC0020478	USDA FS LAKE POWHATAN REC AREA	.....	ASHEVILLE CITY	BENT C
NC0020486	USDA FS N MILLS RV REC AREA MI	.....	HENDERSON CITY	N MILLS R
NC0020621	BOONE WWTP	DANIEL BOONE DR	BOONE TOWN	SF NEW R
NC0022756	CAROLINA CARIBBEAN UTIL CO	.....	BANNER ELK TOWN	LINVILLE R
NC0022811	AVERY ACRES MHP	P.O. BOX 6276	BUNCOMBE COUNTY	AVERY CR
NC0023124	G F CO LINVILLE	.....	LINVILLE	LINVILLE R
NC0023221	PHILLIPS PET CO BULK STATION 6	201 GEORGIA AVE	HAZELWOOD TOWN	RICHLAND CR
NC0023582	HENREDON FURNITURE IND SPRUCE	.....	SPRUCE PINE TOWN	ROSE C
NC0025101	USDI NPS GSM NP SMOKEMONT CAMP	1895 PHOENIX BOULEVARD	SWAIN COUNTY	OCONALUFTEE RV
NC0025160	BUNCOMBE COUNTY ASHEVILLE CRES	.....	ASHEVILLE CITY	TINNERS B
NC0026654	CROSSNORE STP	.....	CROSSNORE TOWN	MILLTIMBER C
NC0027286	BLOWING ROCK STP	.....	BLOWING ROCK T.	SF NEW R
NC0027685	NC DEPT OF COR AVERY CO SUBSID	P O BOX 428	NEWLAND TOWN	UNKNOWN
NC0029785	NC DEPT OF COR WATAUGA SUBSID	PO BOX 592	BOONE TOWN	LAUREL CR
NC0029921	KOA KAMPING RESORT	STAR RT BOX 39	SWAIN COUNTY	RAVING FORK RIVE
NC0030422	GREEN VALEY MHP	HYATT CREEK ROAD,ROUTE 1	WAYNESVILLE TOWN	HYATT CR
NC0030473	MILL RIDGE DEVELOPMENT	.....	BANNER ELK TOWN	WATUAGA R
NC0030996	CHALET MOTOR LODGE	P.O.BOX 399	LITTLE SWITZERLAND	THREE MILE CR
NC0032123	ELK RIVER DEVELOPMENT CORP	PO BOX 1555	BLOWING ROCK T.	TRIB WATAUGA RV
NC0032131	TWEETSIE RR	P O BOX 388	BLOWING ROCK T.	NEW RV
NC0032158	ROARING RIVER CHALETS	ROUTE 1, BOX 88C	BLOWING ROCK T.	NEW RV
NC0032166	CAMP BROADSTONE	413 E. HOWARD STREET	BOONE TOWN	UNNAMED TRIB WAT
NC0032191	HEBRON COLONY	ROUTE 3, BOX 460	BOONE TOWN	WATAUGA RV
NC0032212	CAMP YONAHLOSSEE	SHULLS MILL ROAD	BLOWING ROCK T.	LANCE CR
NC0032905	DONCASTERTANNER OF NC	OAK SPRINGS	RUTHERFORDTON	TR TO HOLLAND C
NC0033189	GLADE VALLEY SCH	GLADE VALLEY ROAD	GLADE VALLEY	BIG GLADE CR
NC0033448	COUNTRY HOUSE	ROUTE 1	BANNER ELK TOWN	WATAUGA RV
NC0034681	RUTHERFORD CNTY E RUTHERFORD H	BOX 635	FOREST CITY TOWN	WEBBS CR
NC0035149	SEVEN DEVILS RESORT	L.A.REYNOLDS IND.DIST,ROU	BANNER ELK TOWN	WATAUGA RIVER TR
NC0035190	HIGH MEADOWS INN & RESTAURANT	P.O.BOX 222	ROARING GAP	LAUREL BRANCH
NC0035807	ASHEVILLE N' FORK WTR TRTMNT	.....	ASHEVILLE CITY	TR TO NF SWANNANOVA R
NC0036382	SAFARI OF CHEROKEE	STAR ROUTE BOX 54	SWAIN COUNTY	RAVEN FORK
NC0036684	BENT CREEK SD ASHVILLE	DONNYBROOK DR	ASHEVILLE CITY	WESLEY C STR
NC0037303	RAGAN TIRE PLT SPRUCE PINE	.....	SPRUCE PINE TOWN	GRASSY C
NC0038041	FOUR SEASONS APARTMENTS BOONE	ROUTE 3,BOX 337A	BOONE TOWN	LAUREL FORK CR
NC0038997	ROARING GAP CLUB	.....	ROARING GAP	MITCHELL RV TRIB
NC0039446	LINVILLE RESORTS INC	.....	LINVILLE	LINVILLE RV

**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Industrial Facility Discharges

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
NC0039608	SUMMIT WOODS I APARTMENTS	P.O. BOX 238	NEWELL	NEW RV TRIB
NC0039748	MAGNAVOX CO ARDEN	OLD SHOALS RD	ARDEN	LK JULIAN
NC0040339	FOREST RESOURCES DIV MTN SCH	P.O.BOX 370	AVERY COUNTY	LINVILLE RV
NC0040622	HOLSTON FUEL CO WAYNESVILLE	HWY 19 A,23 W	WAYNESVILLE TOWN	RICHLAND C
NC0040843	R D HODGES OIL BOONE	POPLAR GROVE ROAD	BOONE TOWN	BOONE CR KRAUT C
NC0041831	CHEROKEE WWTP	.....	.....	OCONALUFTEE R
NC0041963	LOW GAP ELEM SCH		LOWGAP	COOPER CR
NC0042358	ADAM'S APPLE S/D	RT 1 BOX 93	BANNER ELK TOWN	WATAUGA R
NC0042919	MURELLE'S WTP	ROUTE 1,BOX 125 E	BOONE TOWN	WATAUGA RV
NC0043168	KINCO CORP ASHEVILLE	537 HAZEL MILL RD	ASHEVILLE CITY	C TO FRENCH BROAD R
NC0045543	NORRIS IND PINEOLA	.....	PINEOLA	STACEY C
NC0045802	D WAYNE GILBERT RESIDENCE	ROUTE 1,BOX 318 A	VALE	KENTUCKY CR TRIB
NC0047198	HIGHLAND HILLS MOTEL BOONE	HIGHWAY 105	BOONE TOWN	UNKNOWN
NC0048003	IRC, INC.	P.O.BOX 1860	BOONE TOWN	WINKLER CR TRIB
NC0048011	DAVID R TENPENNY 8 DRIFTWOOD	48 GREENWOOD ROAD	BUNCOMBE CO PV	SWANNANOVA RV
NC0048020	DAVID R TENPENNY 9 DRIFTWOOD	48 GREENWOOD ROAD	BUNCOMBE CO PV	SWANNANOVA RV
NC0048089	ROUGH BRANCH WWTP		CHEROKEE	ROUGH BR
NC0049123	EHNH STONE MOUNT. STATE PARK	P O BOX 15	ROARING GAP	
NC0049174	SMOKETREE LODGE	P O BOX 1218	BOONE	
NC0049409	TOWN OF WAYNESVILLE WTP		WAYNESVILLE TOWN	ALLEN CREEK
NC0050164	BECK RESIDENCE		LINVILLE	LINVILLE RIVER
NC0050237	ALEXANDER CONSTRUCTION CO		ASHEVILLE CITY	SWEETEN CREEK
NC0051446	VANNOPPEN RESIDENCE		MORGANTON TOWN	CATAWBA RIVER BA
NC0051691	JONES RESIDENCE		LINVILLE	LINVILLE RIVER
NC0051934	BOWNESS RESIDENCE		AVERY COUNTY	UNNAMED TRIB LIN
NC0052507	YOGI IN SMOKIES	STAR RT. BOX 54,BIG COVE	CHEROKEE	
NC0055611	BLOWING ROCK REALTY CO	PO BOX 1770	CALDWELL COUNTY	TRIB TO YADKIN R
NC0056961	BEE TREE WTP	PO BOX 7148	ASHEVILLE CITY	BEE TREE CR
NC0057096	BLUE RIDGE VILLAGE	P O BOX 6319	ASHEVILLE	
NC0057916	CASTILLIANO RESIDENCE (CECILIA	1620 SE GREENACRES CIRCLE	PORT ST.LUCIE	
NC0058017	TLC DEV CORP GOLD MTN FALLS	120 S WALNUT CIR	GREENSBORO CITY	GREEN MTN CR TO
NC0058891	KENT WEST PARTNERSHIP	PO BOX 2690	WATAUGA COUNTY	VALLEY CR
NC0059846	MEADOWBROOK HOTEL CORP	MAIN ST	BLOWING ROCK T.	MIDDLE FORK NEW
NC0060054	THOMPSON RESIDENCE (CLIFF)	610 PLOTT CREEK ROAD	WAYNESVILLE	
NC0060151	GRANDFATHER TROUT PONDS	HWY 105	WATAUGA COUNTY	WATAUGA RIVER
NC0060160	THREE MOUNTAINEERS, INC	40 SIMPSON ST		SWANNANOVA RIVER
NC0060224	JONAS RIDGE NURSING HOME	PO BOX 249	JONAS RIDGE	TRI TO CAMP CREE
NC0060631	MITCHELL DISTRIBUTING CO	P O BOX 5323	BUNCOMBE CO PV	SWEETEN CR
NC0060674	MCPETERS RESIDENCE (DANIEL)	RT. 2, BOX 518	ASHEVILLE	
NC0060917	WETHERELL RESIDENCE (ARTHUR)	200 SILVERBELL LANE	WAYNESVILLE	
NC0060925	CAMPBELL CONSTRUCTION COMPANY	ROUTE 1,BOX 243 C	CLYDE TOWN PV	CAMPBELL CREEK
NC0061298	STONY RIDGE SUBDIVISION	RT 2 BOX 404	WAYNESVILLE TOWN	TRIB TO JOHNATHA
NC0061425	WILLOW VALLEY ASSOCIATES LMTD	PO BOX 1782	BOONE TOWN	LAUREL FORK OF W
NC0061671	CHETOLA PROPERTIES	MAIN ST, P O BOX 205	BLOWING ROCK T.	MIDDLE FORK NEW
NC0062413	LINVILLE RIDGE DEVELOPMENT	NC HWY 105 P O BOX 216	LINVILLE	WEST FORK LINVIL
NC0062634	HAMLIN MHP	558 POND RD	ENKA	TRIB TO POND BR
NC0062863	ITHILIEEN LODGE	RT 1	HAYWOOD COUNTY	
VA0003034	REEVES BROS	P O BOX 671	BUENA VISTA	INDIAN GAP RUN

**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Industrial Facility Discharges

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
VA0004171	OWENS ILLINOIS FOREST PRODUCTS	.....	.....	MAURY R
VA0004677	BURLINGTON IND INC GLASGOW	3330 FRIENDLY AVE.	GREENSBORO	MAURY RUN
VA0004791	GEORGIA BONDED FIBERS, INC.	1040 W 29TH ST	BUENA VISTA	MAURY RIVER
VA0020117	VINTON,TOWN OF	P O BOX 338	VINTON	TINKER CREEK AT MOUTH OF ROANO
VA0020991	BUENA VISTA STP	2039 SYCAMORE AVENUE	BUENA VISTA	MAURY RIVER
VA0021121	COYNER SPRINGS STP	1402 UNDERHILL AVE.,S.E.,	ROANOKE	COYNER SPRING BRANCH
VA0021300	GLASGOW,TOWN OF	.....	GLASGOW	MAURY R
VA0022225	BUCHANAN,TOWN OF,SEW.TREAT.PLA	MAIN ST	BUCHANAN	JAMES RIVER
VA0025020	ROANOKE STP	1402 BENNINGTON ST, S. E.	ROANOKE	ROANOKE RIVER
VA0027103	ROANOKE SANITARY DISPOSAL CORP	.....	ROANOKE	BACK C
VA0028711	SUNCREST DEVELOPMENT CO INC RO	6645 SUNCREST DR	ROANOKE	BACK C
VA0052477	VIRGINIA PLASTICS CO INC	TRACT 5B AERIAL WAY DR	ROANOKE	ROANOKE RIVER
VA0053856	WOOD HAVEN CAR WASH	RT1 BOX 216 B	BLUE RIDGE	GOOSE C
VA0054518	FLOYD FLOYD CNTY PUBLIC SVCE A	RT 221	FLOYD	DODDS C
VA0060623	QUICK,MW SR	.....	BUCHANAN	GLADE C

Drinking Water Intakes

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
37062200000000P1	N.FORK FILT PLANT	ASHEVILLE	114900	0.00
37062200000000P1I1	BURNETT RESERVOIR	ASHEVILLE	114900	0.00
37062300000000P1	TREATMENT PLANT	WOODFIN	8400	0000.00
37062300000000P1I1	REEMS CR	WOODFIN	8400	0000.00
37062900000000P1	TREATMENT PLANT	ASHEVILLE	120	
37062900000000P1I1	BUSBEE RESERVOIR	ASHEVILLE	120	
37084000000000P1	TREATMENT PLANT	BLOWING ROCK	800	
37084000000000P1I1	BRICK HOUSE CREEK	BLOWING ROCK	800	
37302200000000P1	TREATMENT PLANT	WAYNESVILLE	16000	0000.00
37302200000000P1I1	ALLEN CREEK	WAYNESVILLE	16000	0000.00
37315200000000P1I3	N FK RESERVOIR	HENDERSONVILL	30000	0000.00
37331300000000P1	.....	CHEROKEE	800	
37419300000000P2	TREATMENT PLANT	SPRUCE PINE	5000	
37474600000000P1	TREATMENT PLANT	MAGGIE VALLEY	6000	
37474600000000P1I1	CAMPBELLS CREEK	MAGGIE VALLEY	6000	
37494400000000P1I1	LAKE LUCAS	ASHEBORO	20000	0000.00
37612900000000P1	TREATMENT PLANT	CHEROKEE	800	5000.00
37612900000000P1I1	MINGUS CR	CHEROKEE	800	5000.00
37722900000000P1	TREATMENT PLANT	BOONE	12000	0000.00
37722900000000P1I2	WINKLER CREEK	BOONE	12000	0000.00
37723300000000P1	TREATMENT PLANT	BOONE	10000	0000.00
37723300000000P1I1	BOONE CREEK	BOONE	10000	0000.00
37723300000000P1I2	HARRIS CREEK	BOONE	10000	0000.00
37839200000000P1	CHLORINATOR	WEAVERVILLE	4010	
37839200000000P1I1	ELLER COVE WEAV. RES	WEAVERVILLE	4010	
37839200000000P2	CHLORINATOR	WEAVERVILLE	4010	
37839200000000P2I1	OX CREEK WEAV. RES.	WEAVERVILLE	4010	

**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Drinking Water Intakes

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
5100000003058P1	CITY OF LYNCHBURG	LYNCHBURG	5300	
5100000003058P1I1	CITY OF LYNCHBURG	LYNCHBURG	5300	
5100000006129P1	.....	MEADOWS OF DA	44	1370.00
5106540150000P1I1	STONEY CREEK RE	BEDFORD	9000	0000.00
5132700150000P1	TREATMENT PLANT	FLOYD	1300	0500.00
5132700150000P1I1	DODD CREEK	FLOYD	1300	0500.00
5154060150000P1I1	PEDLAR RESERVOIR	LYNCHBURG	67000	0000.00
5154060150000P2I2	PEDLAR RESERVOIR	LYNCHBURG	67000	0000.00
5177160150000P2	FALLING CK TRT PLNT	ROANOKE	158000	7035.00
5177160150000P2I1	FALLING CREEK RESER	ROANOKE	158000	7035.00
5177160150000P2I1S1	BEAVER DAM RESERVOI	ROANOKE	158000	7035.00
5177170000000P1	FILTRATION PLANT	ROANOKE	25	
5177170000000P1I1	FALLING CREEK RES.	ROANOKE	25	

Water Gages

<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USGS01625900	BACK CREEK AT LYNDBURST, VA		4120.00	1974	1977
USGS01626000	SOUTH RIVER NEAR WAYNESBORO, VA	Stream	127.00	1953	1994
USGS01626500	SOUTH RIVER AT WAYNESBORO, VA			1929	1952
USGS02019500	JAMES RIVER AT BUCHANAN, VA	Stream	2075.00	1911	1994
USGS02023300	SOUTH RIVER NEAR STE	Stream	15.70		
USGS02023500	SOUTH RIVER NEAR RIVERSIDE, VA		1100.00	1950	1962
USGS02024000	MAURY RIVER NEAR BUENA VISTA, VA	Stream	646.00	1939	1994
USGS02024500	MAURY RIVER NEAR GLASGOW, VA		3100.00	1896	1905
USGS02030800	STOCKTON CREEK NEAR	Stream	2.80		
USGS02055000	ROANOKE RIVER AT ROANOKE, VA	Stream	9500.00	1918	1994
USGS02056000	ROANOKE RIVER AT NIAGARA, VA	Stream	1200.00	1927	1994
USGS02056500	BACK CREEK NEAR ROAN	Stream	4300.00		
USGS02056650	BACK CREEK NEAR DUNDEE, VA	Stream	5680.00	1974	1994
USGS02067800	TALBOTT RE NR KIBLER	Lake	20.20		
USGS02067810	MAPLE SWAMP BRANCH N	Stream	49.00		
USGS02067820	TOWNES RE NR KIBLER	Lake	32.90		
USGS03169200	DODD CREEK TRIB. NEA	Stream	96.00		
USNWS44 0411 N	BALCONY FALLS VA ON	Stream	2975.00		
USNWS44 1126 N	BUCHANAN VA ON JAMES	Stream	2075.00		
USNWS44 1159 5	BUENA VISTA VA ON MA	Stream	646.00		
USGS0214042720	NORTH HARPER CR NR KAWANA, NC	Stream	1.25	1986	1988
USGS03447861	FRENCH BROAD RIVER NEAR ARDEN	Stream	662.00		
USGS03448068	DINGLE CREEK NEAR SKYLAND, NC	Stream		1988	1988
USGS0344894205	NORTH FORK SWANNANOVA RIVER NEAR WALKERTOWN, NC	Stream	14.49	1993	1993
USGS0345092550	ROSS CR AT BEAUCATCHER RD AT ASHEVILLE, NC	Stream	2.40	1986	1988
USGS0345112600	NASTY BRANCH AT ASHEVILLE, NC	Stream	1.19	1986	1988
USGS03451510	REED CREEK ABOVE BARNARD AVE. AT ASHEVILLE, N.C	Stream	2.10	1986	1988
USGS0345153800	SPOOKS BRANCH NEAR WOODFIN, NC	Stream		1988	1988
USGS352315082484401	HW-47 (NC-40) CHAMPION	Well			

**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Water Gages

<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USGS353600082320001	ASHEVILLE, NC WBAP W13872	Climate			
USGS353630082314201	ROSS CREEK UPPER RAINFALL AT ASHEVILLE, NC	Climate			
USGS353656082324901	REED CREEK RAINFALL UPPER AT ASHEVILLE, NC	Climate			

Water Impoundments

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
VA00901	CUSHAW DAM	VEPCO	Hydro	Gravity	Low	1930
VA00902	BIG ISLAND DAM	OWENS-ILLINOIS CORP.	Hydro	Gravity	Low	1850
VA00905	PEDLAR RIVER DAM	CITY OF LYNCHBURG	Supply	Gravity	Significant	1904
VA00910	PLEASANTVIEW HUNT CLUB DAM	PLEASANTVIEW HUNT CLUB	Rec.	Earth	Low	1970
VA00914	BRDFORD MUNICIPAL DAM	CITY OF BEDFORD	Hydro	Gravity	Low	1850
VA00917	BURRUSS DAM	JAMES R. BURRUSS	Rec.	Earth	Low	1958
VA00922	OTTER LAKE DAM.SEC.1-G.MI.63.1	DOI NPS SER BLRI	Rec.	Gravity	Low	1956
VA01501	SOUTH RIVER NO.-26	JAMES S BOSSERMAN	Flood	Earth	High	1956
VA01502	SOUTH RIVER NO.-25	FALLING ROCKS INC	Flood	Earth	High	1957
VA01503	SOUTH RIVER NO.-27	SHENANDOAH VALLEY S&WCD	Flood	Earth	High	1958
VA01504	SOUTH RIVER NO.-10A	AUGUSTA CO SERVICE AUTH	Flood	Earth	High	1963
VA01508	SOUTH RIVER NO.23	ROBIN HOLLOW,INC.	Flood	Earth	High	1956
VA01513	SOUTH RIVER NO.-24	HAPPY HOLLOW,INC	Flood	Earth	Low	1954
VA01520	SHERANDO DAM	SHENANDOAH SWCD	Rec.	Earth	Significant	1935
VA01525	ANDERS POND DAM	LILLIAN F.ANDERS	Rec.	Earth	Significant	1960
VA01905	BEDFORD LAKE DAM	JAMES A.&MARSHALL BURKS	Rec.	Earth	Significant	1935
VA02916	KYANITE MINE WASTE DAM NO.-2	KYANITE MINING CORP.	Other	Earth	Low	1973
VA12504	BALDWIN DAM	WILLIAM BALDWIN	Rec.	Earth	Significant	1971
NC00215	K O A DAM	E L BESHEARS	Rec.	Earth	Significant	1973
NC00278	LAND HARBORS LAKE DAM	LINVILLE LAND HARBOR	Rec.	Earth	High	1971
NC00279	GRANDFATHER MOUNTAIN LAKE	HUGH MORTON/ JOE HARTLEY	Rec.	Earth	High	1964
NC01463	AREN BESHEARS DAM	AREN BESHEARS	Irrig.	Earth	Low	0
VA01901	PEAKS OF OTTER DAM	DOI NPS SER BLRI	Supply	Earth	Significant	1964
VA01903	BEAVERDAM CREEK DAM	CITY OF ROANOKE	Supply	Earth	Significant	1925
VA01904	BEDFORD DAM	CITY OF BEDFORD	Supply	Earth	Significant	1958
VA01910	FALLING CREEK DAM	CITY OF ROANOKE	Supply	Earth	High	1898
VA01920	OLD BEDFORD CITY DAM	CITY OF BEDFORD	Supply	Gravity	Significant	1900
VA03101	LITTLE FALLING RIVER NO.-1	OLD TIME GOSPEL HOUR	Flood	Earth	Low	1967
VA06705	BURDETTE'S DAM	WALKER BURDETTE	Rec.	Earth	Significant	1971
VA14102	TOWNES DAM	CITY OF DANVILLE	Hydro	V. Arch	High	1938
VA14104	HEADWATERS OF SQUALL CR DAM	WILTON A STANLEY	Rec.	Earth	High	1970
VA14105	COCRAM MILL DAM	S H MITCHELL	Rec.	Gravity	Significant	1910
VA14108	BRASWELL'S DAM	HERMAN BRASWELL	Rec.	Earth	Significant	1975
VA16101	NIAGARA DAM	APPALACHIAN PWR CO	Hydro	Gravity	High	1906
VA16103	ORCHARD DAM	F & W C.D.CORP.	Irrig.	Earth	High	1950
NC00243	WILLIS LAKE DAM	BEN S WILLIS	Rec.	Earth	Low	1962
NC00244	STERN LAKE DAM	THEO. S STERN	Rec.	Earth	Low	1959
NC00245	ALTON THOMPSON DAM	ALAN THOMPSON	Rec.	Earth	Low	1953
NC00246	CECIL MURRAY DAM	CECIL MURRAY	Rec.	Earth	High	1973

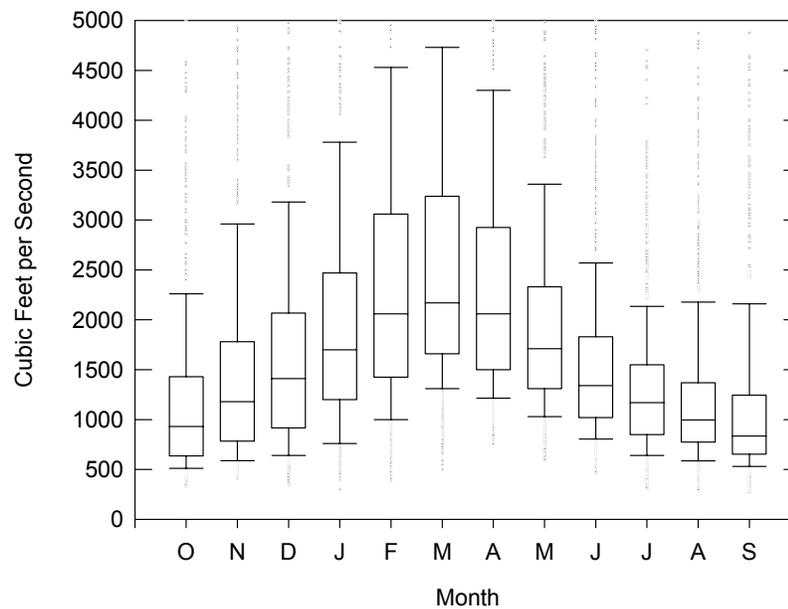
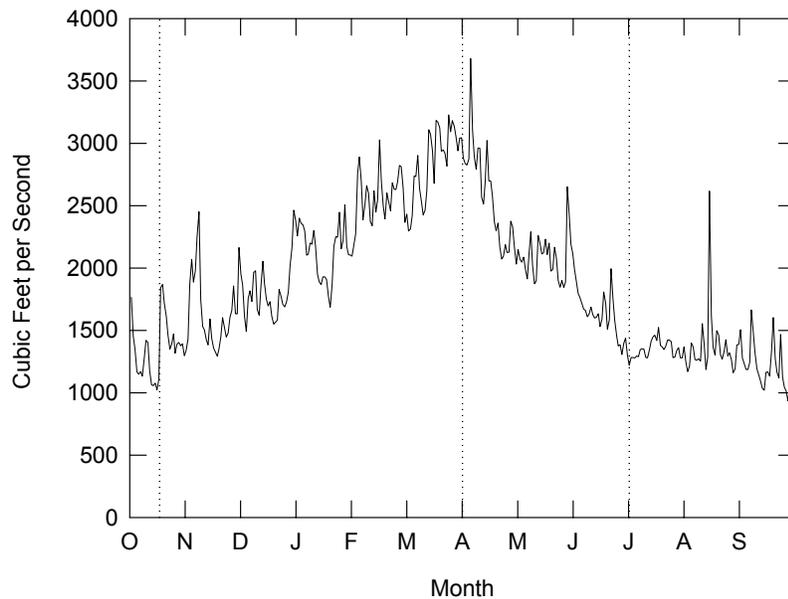
**Industrial Facility Discharges, Drinking Water Intakes,
Water Gages, and Water Impoundments Within the BLRI Study Area**

Water Impoundments

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
NC00250	CHETOLA LAKE DAM	CHETOLA ESTATES	Rec.	Buttress	Significant	1920
NC00251	CONE LAKE DAM	DOI FWS	Rec.	Earth	Significant	1936
NC00252	BOONE WATER SUPPLY DAM	TOWN OF BOONE	Supply	Earth	High	1957
NC00253	TROUT LAKE DAM	DOI FWS	Rec.	Earth	Significant	1951
NC00414	OLD BLOWING ROCK WATER S.	TOWN OF BLOWING ROCK	Supply	Earth	Significant	1954
NC01227	HIGH MEADOWS DAM	HIGH MEADOWS CLUB INC	Rec.	Earth	High	0
NC01237	TEMPLE LAKE DAM	JOE TEMPLE	Rec.	Earth	High	0
NC01399	D.R. STONE DAM	D.R. STONE		Earth	Low	0
NC01401	AIR BELLOWS DAM	AIR BELLOWS CORPORATION	Rec.	Earth	High	1974
NC01402	VAN DILLON DAM	VAN DILLON JR		Earth	High	0
NC01403	CAMP CHEERIO DAM	CAMP CHEERIO INC		Earth	High	1976
NC01404	MORAVIAN CAMP LAKE DAM	MORAVIAN CHURCH		Earth	Low	0
NC01722	HEART LAKE DAM	DOI NPS	Other	Earth	Low	0
VA03504	OLDE MILL GOLF CLUB DAM	OLDE MILL GOLF CLUB	Irrig.	Earth	Low	1972
VA03505	PATCH INC.DAM	PATCH,INC.	Rec.	Earth	Low	1972
VA03506	WEST DAM	MARION D.WEST	Rec.	Earth	Low	1961
VA06301	PARK RIDGE DAM	PARK RDG.PROP.OWNERS,INC	Rec.	Earth	Low	1971
VA06303	MABRY MILL POND DAM MI.176.2.	DOI NPS SER BLRI	Other	Earth	Low	1973
VA06304	RAKES MILL DAM.HIS.STR.598.MI.	DOI NPS SER BLRI	Other	Other	Low	1800
NC00254	JULIAN PRICE LAKE DAM	DOI FWS	Rec.	Gravity	Significant	1958
NC00256	DEVILS LAKE DAM	TOWN OF SEVEN DEVILS	Rec.	Earth	High	1965
NC00282	SWISS PINE LAKE DAM	SWISS PINE LAKE INC	Rec.	Earth	High	1962
NC00288	NORTH FORK DAM	CITY OF ASHEVILLE	Supply	Earth	High	1954
NC00289	BEE TREE LAKE DAM	CITY OF ASHEVILLE	Rec.	Earth	High	1927
NC00290	LAKE KENILWORTH DAM	KENILWORTH LAKE COMMISS.	Rec.	V. Arch	High	1923
NC00359	LAKE POWHATAN DAM	USDA FS	Rec.	Gravity	Significant	1950
NC00360	NCNONAME260	CAROLINA POWER AND LIGHT	Supply	Earth	Low	1963
NC01228	APPALACHIAN SKI MOUNTAIN DAM	APPALACHIAN SKI MTN.INC.	Rec.	Earth	High	0
NC01236	SLOOP DAM	W M SLOOP	Rec.	Rockfill	High	1922
NC01243	INVER LOCHY DAM	MORTON BROTHERS	Rec.	Earth	Low	1971
NC01244	GUSHER KNOB DAM	HARRIS MINING COMPANY	Debris	Earth	Significant	1975
NC01245	GRANDMOTHER DAM	GRANDFATHER COUNTRY CLUB		Earth	Low	0
NC01252	TAYLOR DAM	TAYLOR		Earth	Low	0
NC01253	WOODFIN RESERVOIR DAM	TOWN OF WOODFIN		Earth	High	0
NC01254	LAKE CRAIG	CITY OF ASHVILLE		Buttress	High	0
NC01270	WAYNESVILLE WATER S. DAM	CITY OF WAYNESVILLE		Earth	High	0
NC01349	BUCKNER DAM	B BUCKNER		Earth	Low	0
NC01723	SIMS POND.SEC.2-G.MI.=29S.9-	DOI NPS	Rec.	Earth	Low	1946
NC01724	ASH BEAR PEN DAM	DOI NPS	Other	Earth	Low	0

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

BLUE RIDGE PARKWAY
New River near Galax, VA
03164000, 58 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Blue Ridge Parkway are: Jul. 1 to Oct. 14, Oct. 15 to Mar. 31, and Apr. 1 to Jun. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR BLRI

<u>AGENCY</u>	<u>PRIMARY CONTACT NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER(S)</u>
131TVAC	WINTERS, KATHY	TENN VALLEY AUTHORITY	(615)751-3752
12ELS1	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(503)754-4427
1118ATL8	FOR. HYDROLOGIST	US FOREST SERVICE	(404)881-2692 (904)965-7265
21NC01WQ	LEE, ELORA	NC DNR & COMMUNITY DEVMNT	(919)733-7015
1114PEST	DEATRICK, JOHN	USEPA REGION 4	(404)347-2126
12NSS	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(503)754-4427
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687
1113S000	DEATRICK, JOHN	USEPA REGION 4	(404)347-2126
21VASWCB	POLLOCK, VERA	VA DEPT OF ENVIRONMENTAL	(804)527-5224
1114O100	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
1113UPEN	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
1113VABD	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
1113WSWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259
1113REG3	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761
14AGNFS9	ILHARDT, BONNIE	USFS REGION 9	(414)291-3697
1113SHWQ	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050 (800)424-9067
* DATA FOR 1113SHWQ HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.			
1113PPWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
1112A9WQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176

**QUANTITY OF DATA RETRIEVED FOR BLRI BY AGENCY CODE
WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK**

Agency	Organization	Period of Record		Water Quality Stations		Longer Term ¹ Stations			No Data Stations			Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
131TVAC	TENN VALLEY AUTHORITY	01/05/65-12/03/86	10/27/82-11/25/86	32	2	8	1	0	0	9395	776	103	31		
12ELSI	EPA ENVIRONMENTAL RES LAB	11/21/84-11/25/84	11/21/84-11/21/84	5	1	0	0	0	0	129	26	26	26		
1118ATL8	US FOREST SERVICE	01/20/70-09/04/95	No Data in Park	49	0	14	0	4	0	28436	0	77	0		
21NC01WQ	NC DNR & COMMUNITY DEVMNT	05/16/68-01/12/95	05/06/70-07/17/73	90	1	39	0	0	0	51815	78	195	27		
1114PEST	USEPA REGION 4	04/01/80-09/15/80	No Data in Park	2	0	0	0	1	0	405	0	403	0		
12NSS	EPA ENVIRONMENTAL RES LAB	03/20/85-05/07/86	05/07/86-05/07/86	20	1	0	0	0	0	1107	27	28	27		
112WRD	US GEOLOGICAL SURVEY	04/01/29-11/05/92	10/17/56-11/26/79	53	19	11	1	0	0	25579	2400	361	67		
1113S000	USEPA REGION 4	10/02/73-10/04/73	No Data in Park	1	0	0	0	0	0	54	0	20	0		
21VASWCB	VA DEPT OF ENVIRONMENTAL	08/21/67-10/19/95	09/26/67-05/18/83	59	3	32	2	11	0	79092	1923	243	46		
1114O100	USEPA REGION 3	02/03/72-05/04/72	No Data in Park	2	0	0	0	0	0	117	0	20	0		
1113UPEN	USEPA REGION 3	No Data in S.A.	No Data in Park	2	0	0	0	2	0	0	0	0	0		
1113VABD	USEPA REGION 3	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0		
1113WSWQ	USEPA REGION 3	05/02/79-06/02/87	No Data in Park	2	0	0	0	0	0	266	0	152	0		
11EPALES	USEPA	07/15/73-06/15/74	07/15/73-06/15/74	3	2	0	0	0	0	294	196	7	7		
1113REG3	USEPA REGION 3	05/22/73-10/18/73	No Data in Park	7	0	0	0	1	0	531	0	52	0		
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0		
11BIOACC	U.S. EPA MDSO	09/06/84-09/06/84	No Data in Park	1	0	0	0	0	0	56	0	19	0		
14AGNFS9	USFS REGION 9	10/17/75-02/03/76	No Data in Park	1	0	0	0	0	0	22	0	2	0		
1113SHWQ	USEPA HQ	06/21/67-06/23/67	No Data in Park	1	0	0	0	0	0	23	0	6	0		
1113PPWQ	USEPA REGION 3	07/28/69-08/18/69	No Data in Park	1	0	0	0	0	0	22	0	11	0		
1112A9WQ	USEPA REGION 3	05/23/72-05/01/79	No Data in Park	3	0	0	0	0	0	164	0	58	0		
Totals		04/01/29-10/19/95	10/17/56-11/25/86	336	29	104	4	21	0	197507	5426	990	143		

¹Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

**Station Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75
BLRI0001	SOUTH R. AT RTE 250 WAYNESBORO,VA	No	38	0	38	0
BLRI0002	JONES HOLLOW	No	54	54	0	0
BLRI0003	JONES HOLLOW	No	54	54	0	0
BLRI0004	SOUTH RIV AT BROAD WAYNESBORO 60	No	63	0	0	63
BLRI0005	ROUTE 250 BYPASS IN WAYNESBORO - AUGUSTA COUNTY	No	1287	0	496	791
BLRI0006	CROMPTON-SHEN WAYNESBORO OTFL 01	No	0	0	0	0
BLRI0007	DUPONT CO. WAYNESBORO UPSTREAM	No	0	0	0	0
BLRI0008	SOUTH R. WAYNE ST.BR WAYNESBORO	No	22	0	0	22
BLRI0009	SOUTH R. WAYNE ST.BR WAYNESBORO	No	23	0	0	23
BLRI0010	SOUTH RIV AT RT 664 059	No	63	0	0	63
BLRI0011	SOUTH RIVER AT WAYNESBORO, VA	No	17	0	0	17
BLRI0012	39MS 4	Yes	35	0	35	0
BLRI0013	39MS 1	Yes	78	0	43	35
BLRI0014	ROUTE 664 BRIDGE - CITY OF WAYNESBORO	No	4692	2849	1745	98
BLRI0015	SOUTH RIVER NEAR WAYNESBORO, VA	No	72	0	0	72
BLRI0016	39MS 2	Yes	78	0	43	35
BLRI0017	UPSTREAM OF ROUTE 624 BRIDGE AUGUSTA COUNTY	No	440	440	0	0
BLRI0018	39MS 3	Yes	71	0	35	36
BLRI0019	40 FT. FROM OUTFALL STRUCTURE - AUGUSTA CO.	No	104	104	0	0
BLRI0020	38MS 1	Yes	77	0	41	36
BLRI0021	SHERNANDO LAKE -BACK CREEK	No	986	718	268	0
BLRI0022	37LS 2	Yes	35	0	35	0
BLRI0023	37LS 1	Yes	35	0	35	0
BLRI0024	SOUTH FORK PINEY RIVER	No	165	0	165	0
BLRI0025	SOUTH FORK PINEY RIVER	No	277	0	277	0
BLRI0026	SOUTH FORK PINEY RIVER	No	84	0	84	0
BLRI0027	SOUTH FORK PINEY RIVER	No	84	0	84	0
BLRI0028	LITTLE PINEY RIVER 6 MI NW OF LOWESVILLE,VA.	No	110	20	90	0
BLRI0029	FALLING CREEK	Yes	98	0	0	98
BLRI0030	PEDLAR RIVER	No	359	318	41	0
BLRI0031	BROWN MOUNTAIN CREEK BELOW FDR 38	No	589	21	568	0
BLRI0032	ROCK BRANCH AT CONFLUENCE W/ IRISH CR.	No	8	0	8	0
BLRI0033	WHITES RUN	No	54	54	0	0
BLRI0034	LITTLE IRISH CREEK	No	27	27	0	0
BLRI0035	LAKE CENTER PEDLAR LAKE (LYNCHBURG RESERVOIR)	No	0	0	0	0
BLRI0036	WHITES RUN	No	54	54	0	0
BLRI0037	LITTLE IRISH CREEK	No	54	54	0	0
BLRI0038	BELOW BIG ISLAND	No	6011	3867	1330	814
BLRI0039	CONFLU SKIMMER CR NR BIG ISLAND	No	105	0	0	105
BLRI0040	1000 FT DWNSTR FM DAM BIG ISLAND	No	19	0	0	19
BLRI0041	CONFLU W REED CREEK BIG ISLAND	No	107	0	0	107
BLRI0042	OFF ROUTE 501 - BEDFORD COUNTY	No	453	453	0	0
BLRI0043	BOAT DOCK ON PROPERTY OF OWNES-ILLINOIS	No	1018	0	972	46
BLRI0044	PRECIP STA BUENA VISTA, VA.	No	22	0	22	0
BLRI0045	SOUTH RIVER NEAR RIVERSIDE, VA	No	81	0	0	81
BLRI0046	STATIONS MR2 & GB2 BELOW RT 60 ON MAURY RIVER	No	23	23	0	0
BLRI0047	STATION MR3 JUST ABOVE RT 745 BRIDGE ON MAURY RV	No	58	58	0	0
BLRI0048	RT. 501 AT JUNCTION WITH ROUTE 122	No	408	408	0	0
BLRI0049	ROUTE 745 IN BUENA VISTA	No	1680	0	767	913
BLRI0050	BLUE RIDGE PKWY BRIDGE ABOVE BIG ISLAND	Yes	927	0	881	46
BLRI0051	YDS DOWNSTREAM BLUE RIDGE PKY	No	0	0	0	0
BLRI0052	OWEN-ILL IND WW PLT BIG ISLAND	No	103	0	0	103
BLRI0053	MAURY RIVER AT BUENA VISTA, VA	No	430	0	0	430
BLRI0054	STATION MR1 ABOVE ROUTE 60 BRIDGE ON MAURY RIVER	No	0	0	0	0
BLRI0055	RT. 501 BRIDGE, SE OF GLASGOW	No	6801	3895	2073	833
BLRI0056	RT. 608 BRIDGE (ROCKBRIDGE COUNTY)	No	1381	1381	0	0
BLRI0057	STATIONS MR4 & GB4 BELOW PUMPING STATION MAURY R	No	46	46	0	0
BLRI0058	OFF RT. 703 UPSTREAM FROM GAGING STATION	No	819	0	714	105
BLRI0059	RT. 122 E. OF BIG ISLAND - JUST BELOW RT. 600	No	0	0	0	0
BLRI0060	MAURY RIVER NEAR BUENA VISTA, VA	No	15	0	0	15
BLRI0061	RT. 60 AT BEN SALEM WAYSIDE	No	4045	2737	1308	0
BLRI0062	RIVER MILE NEAR GOOSE NECK DAM ON THE MAURY RI.	No	94	94	0	0
BLRI0063	MAURY RIVER OFF RT. 663 (ROCKBRIDGE COUNTY)	No	0	0	0	0
BLRI0064	OFF RT. 663 NEAR OLD CANAL LOCK - ROCKBRIDGE CO.	No	1860	1860	0	0
BLRI0065	JAMES RIVER NR GLASGOW	No	0	0	0	0
BLRI0066	JAMES RIVER @ GLASGOW	No	56	0	56	0
BLRI0067	CONFLU MAURY R.(NOT A SAMP PT.)	No	0	0	0	0
BLRI0068	BUFFALO CREEK, UPSTREAM OF RAILROAD CROSSING	No	0	0	0	0
BLRI0069	BRIDGE ON US RT 501 NEAR SNOWOEN	No	91	0	0	91
BLRI0070	BELOW BUENA VISTA	No	1400	0	717	683
BLRI0071	RT. 130 BRIDGE AT GLASGOW	No	5951	2994	2104	853

**Station Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75
BLRI0072	MAURY RIVER NEAR GLASGOW, VA	No	376	0	0	376
BLRI0073	34JS 1	No	71	0	43	28
BLRI0074	ON NORTH FORK OF NORTH CREEK JUST ABOVE FORK	No	22	0	22	0
BLRI0075	INFLOW BEDFORD RESERVOIR (BEDFORD CO)	No	0	0	0	0
BLRI0076	CORNELIUS CREEK-LOWER, NEAR A.T. SHELTER	No	0	0	0	0
BLRI0077	CORNELIUS CREEK-UPPER, NEAR A.T. SHELTER	No	0	0	0	0
BLRI0078	"BEDFORD RESERVOIR" STATION AT DAM (BEDFORD CO.)	No	93	93	0	0
BLRI0079	34HS 3	Yes	71	0	35	36
BLRI0080	STA #21 RT. 640 BRIDGE (BEDFORD COUNTY)	No	7	7	0	0
BLRI0081	MIDDLE CREEK AT FS BOUNDARY	No	66	5	61	0
BLRI0082	MIDDLE CREEK AT BEND ABOVE NEW FORD	No	16	0	16	0
BLRI0083	MIDDLE CREEK AT BEND BELOW NEW OFRD	No	60	0	60	0
BLRI0084	34HS 1	Yes	71	0	35	36
BLRI0085	RT. 680 BRIDGE, NEAR PENICKS MILL	No	1448	161	600	687
BLRI0086	PEAKS OF OTTER LAKE CENTER (BEDFORD CO)	Yes	13	0	13	0
BLRI0087	34HS 2	Yes	71	0	35	36
BLRI0088	ON YELLOWSTONE BR. BELOW YELLOWSTONE ROAD 62-01	No	16	0	16	0
BLRI0089	BR US RT 11 AT BUCHANAN,VA	No	106	0	0	106
BLRI0090	RT. 11 BRIDGE AT BUCHANAN	No	1742	0	900	842
BLRI0091	JAMES RIVER AT BUCHANAN, VA	No	9654	296	3200	6158
BLRI0092	OFF RT. 617 SOUTH OF BLUE RIDGE PKY (BEDFORD CO)	No	0	0	0	0
BLRI0093	STATION #3 RT.625 BRIDGE (BOTETOURT COUNTY)	No	103	103	0	0
BLRI0094	ROANOKE R. AT RTE 634 HARDY BRDG	No	38	0	38	0
BLRI0095	SMITH MTN. LAKE, HARDYS FORD	No	5357	3446	1485	426
BLRI0096	ROANOKE RIVER NEAR HARDY, VA	No	720	154	0	566
BLRI0097	SMITH MTN LAKE #2A-TOP-HARDYS FORD #2C-BOTTOM	No	2167	1551	616	0
BLRI0098	BEAVERDAM RESERVOIR-100' FROM DAM BEDFORD CO	No	227	208	19	0
BLRI0099	SMITH MTN. LAKE, MCVEIGH FORD	No	2764	1754	665	345
BLRI0100	END RT. 618 CONFL. WITH ROANOKE RIVER	No	243	5	147	91
BLRI0101	RT. 460 BRIDGE	No	8	0	8	0
BLRI0102	GAGE NEAR DUNDEE, RT. 660 BRIDGE	No	2598	978	1620	0
BLRI0103	BACK CREEK	No	98	0	0	98
BLRI0104	BLUE RIDGE PARKWAY BR. BELOW ROANOKE	Yes	983	0	302	681
BLRI0105	ROANOKE RIVER	Yes	98	0	0	98
BLRI0106	ROANOKE RIVER AT NIAGARA, VA	No	148	0	0	148
BLRI0107	ROANOKE RIVER AT NIAGARA DAM	No	228	228	0	0
BLRI0108	SPILLWAY NIAGRA RESERVOIR (ROANOKE CO)	No	26	0	26	0
BLRI0109	INTERSECTION OFF RT. 652 & RT. 11	No	673	0	642	31
BLRI0110	WALNUT AVENUE BRIDGE	No	650	357	293	0
BLRI0111	RT. 24 BRIDGE ABOVE TOWN OF VINTON	No	6040	2733	2610	697
BLRI0112	14TH. ST. BRIDGE ABOVE ROANOKE STP	No	6600	3638	2177	785
BLRI0113	N & W PARKING LOT BRIDGE	No	658	358	300	0
BLRI0114	OFF RT. 220 S OF ROANOKE AT RED HILL CHURCH	No	0	0	0	0
BLRI0115	ROANOKE RIVER AT ROANOKE, VA	No	4156	0	2713	1443
BLRI0116	SHERWOOD AVENUE, ROANOKE - CITY OF ROANOKE	No	218	218	0	0
BLRI0117	FISHBURN PARK OFF ROUTE 221	No	1141	0	1141	0
BLRI0118	OFF RT. 221 S OF CAVE SPRING (ROANOKE CO)	No	0	0	0	0
BLRI0119	30ES 1	Yes	71	0	35	36
BLRI0120	HERCULES 002 OUTFALL ON PEAK CR.	No	66	0	0	66
BLRI0121	HERCULES OUTFALL ON PEAK CREEK	No	51	0	0	51
BLRI0122	RT. 643 BRIDGE N. OF MONTE VISTA (FRANKLIN CO)	No	2647	2647	0	0
BLRI0123	ALONG ROUTE 602, ABOVE ALGOMA - FRANKLIN COUNTY	No	0	0	0	0
BLRI0124	RT. 739 BRIDGE AT ALGOMA (FRANKLIN CO.)	No	2676	2676	0	0
BLRI0125	ALONG ROUTE 602, ABOVE ALGOMA - FRANKLIN COUNTY	No	22	22	0	0
BLRI0126	30ES 1	Yes	79	0	43	36
BLRI0127	29DS 1	Yes	79	0	43	36
BLRI0128	29D 1	Yes	52	0	52	0
BLRI0129	28CS 1	Yes	67	0	33	34
BLRI0130	27CS 1	Yes	79	0	43	36
BLRI0131	STATION #3 - AT DAM - PATRICK COUNTY	No	0	0	0	0
BLRI0132	27CS 2	Yes	35	0	35	0
BLRI0133	TOWNES RESERVOIR AT DAM	No	131	131	0	0
BLRI0134	LITTLE RIVER SR1140 WHITEHED-INACTIVE 810227	No	2021	0	1763	258
BLRI0135	S FK NEW RIVER NR GLENDALE SPGS-INACTIVE 810227	No	1339	0	1255	84
BLRI0136	S FK NEW RIVER NC HWYS 16 & 18 NER JEFFERSON	No	3243	1823	1420	0
BLRI0137	SOUTH FORK NEW RIVER NEAR JEFFERSON, N. C.	No	703	0	89	614
BLRI0138	ELK CK @ SR1508 NR TRIPLETT NC INACT-720802	No	28	0	0	28
BLRI0139	ELK CK @ SR1510 NR TRIPLETT NC INACT-730723	No	39	0	0	39
BLRI0140	S FORK NEW R NEAR RUTHERWOOD NC INACT-730717	No	89	0	0	89
BLRI0141	TENNESSEE EXPOSURE RISK SURVEY	No	405	0	405	0
BLRI0142	S FORK NEW R @SR1515 NR BOONE NC INACT-730717	No	90	0	0	90

Station Period of Record Tabulation From 04/01/29 To 10/19/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75
BLRI0143	MID FK S FK NEW R @SR1533 NR BLOW R INACT-730717	Yes	78	0	0	78
BLRI0144	MID FK S FK NEW R @US221 @BLOWING R INACT-730717	No	78	0	0	78
BLRI0145	MID FK S FK NEW R @BLOWING ROCK INACT-741022	No	89	0	0	89
BLRI0146	BOONE CK @NC HWY 105 NR BOONE NC INACT-730717	No	75	0	0	75
BLRI0147	CHETOLA LAKE	No	26	0	26	0
BLRI0148	WINKLER CREEK NEAR BOONE NC INACT-730717	No	71	0	0	71
BLRI0149	BOONE CREEK @US321 & 421 NR BOONE INACT-730717	No	76	0	0	76
BLRI0150	UPPER LANCE CREEK LAKE (TRIB. TO WATAUGA R.73.8)	No	50	0	50	0
BLRI0151	SIMS POND (TRIBUTARY TO BOONE FORK 3.30)	Yes	50	0	50	0
BLRI0152	LANCE CK NR BLOWING ROCK NC INACT-730620	No	55	0	0	55
BLRI0153	UNNAMED LAKE (TRIBUTARY TO LANCE CREEK 0.7)	No	55	0	55	0
BLRI0154 ¹	PRICE LAKE (TRIBUTARY TO WATAUGA RIVER 74.97)	Yes	726	588	138	0
BLRI0155	PRICE LAKE	Yes	26	0	26	0
BLRI0156	BOONE FORK	Yes	27	27	0	0
BLRI0157 ¹	WATAUGA R NC HWY 105 NC SHULLS MILL NC	No	2084	2026	4	54
BLRI0158 ¹	WATAUGA RIVER AT FOSCOE NC INACTIVE 810309	No	2281	0	2019	262
BLRI0159	0.3 MILES WEST OF APPALACHIAN CAMP	No	96	0	96	0
BLRI0160	BOONE FORK	No	27	27	0	0
BLRI0161 ¹	WILSON CREEK AT US HWY 221 NEAR GRAGG NC	No	6922	3750	3172	0
BLRI0162	LAWSON FK CK HILLBRK FOREST SD E	No	54	0	0	54
BLRI0163 ¹	NORTH HARPER CK USFS #58 NEAR KAWANA, NC	No	2548	2548	0	0
BLRI0164	NORTH HARPER CR NR KAWANA, NC	No	968	968	0	0
BLRI0165 ¹	LINVILLE RIVER LINVILLE NC INACTIVE 810309	No	1006	0	507	499
BLRI0166 ¹	LINVILLE RIVER SR1349 LINVILLE INACT-741003	No	227	0	0	227
BLRI0167 ¹	LINVILLE R PINEOLA INACTIVE 741003	No	238	0	0	238
BLRI0168 ¹	STACEY CR NR NC 181 NR PINEOLA INACTIVE 730926	No	203	0	0	203
BLRI0169 ¹	STACEY CR NC HWY181 NR PINEOLA INACT-730926	No	198	0	0	198
BLRI0170 ¹	MILL TIMBER CR @MOUTH @CROSSMORE INACT-730926	No	205	0	0	205
BLRI0171 ¹	MILL TIMBER CR @SR1524 @CROSSMORE INACT-730926	No	204	0	0	204
BLRI0172 ¹	LINVILLE R NR CROSSMORE NC INACT-730926	No	225	0	0	225
BLRI0173 ¹	BRUSHY CREEK NEAR INGALLS NC INACT-750402	No	102	0	40	62
BLRI0174	BRUSHY CREEK AT INGALLS NC INACT-750402	No	36	0	0	36
BLRI0175 ¹	THREE MILE CK SR1106 NEAR INGALLS INACT-750402	No	120	0	24	96
BLRI0176	U.S. HWY 19 BRIDGE	No	7	0	0	7
BLRI0177 ¹	NORTH TOE RIVER NEAR ALTPASS NC INACT-750402	No	317	0	36	281
BLRI0178 ¹	THREE MILE CK US 19E NEAR INGALLS INACT-750402	No	113	0	19	94
BLRI0179 ¹	NORTH TOE RIVER AT ALTAPASS, N. C.	No	384	0	0	384
BLRI0180 ¹	NORTH TOE RIVER SPRUCE PINE NC INACT-750402	No	175	0	41	134
BLRI0181 ¹		No	592	0	349	243
BLRI0182	ARMSTRONG CREEK	No	108	108	0	0
BLRI0183 ¹	GRASSY CREEK NEAR SPRUCE PINE NC INACT-750403	No	138	0	39	99
BLRI0184 ¹	ARMSTRONG CR HWY 226A N SEVIER INACT-730926	No	156	0	0	156
BLRI0185 ¹	GRASSY CREEK AT SPRUCE PINE NC INACT-750403	No	145	0	44	101
BLRI0186 ¹	LOWER RACEWAY OUTFALL - ARMSTRONG CREEK	No	545	0	545	0
BLRI0187 ¹	BAD FORK INTAKE - ARMSTRONG CREEK	No	1115	0	1115	0
BLRI0188 ¹	PUPS BRANCH INTAKE - ARMSTRONG CREEK	No	1097	0	1097	0
BLRI0189 ¹	COW CREEK - ARMSTRONG CREEK	No	1120	0	1120	0
BLRI0190 ¹	UPPER RACEWAY OUTFALL - ARMSTRONG CREEK	No	543	0	543	0
BLRI0191 ¹	UPPER ARMSTRONG CREEK INTAKE	No	1129	0	1129	0
BLRI0192 ¹	BEE ROCK BRANCH INTAKE - ARMSTRONG CREEK	No	1129	0	1129	0
BLRI0193	ARMSTRONG CREEK	No	27	27	0	0
BLRI0194	BRIDGE BELOW GAGING STATION SSE OF CELO	No	236	0	0	236
BLRI0195 ¹	SOUTH TOE RIVER NEAR CELO, N. C.	No	305	0	148	157
BLRI0196 ¹	SOUTH TOE RIVER AT SR 1168 NEAR CELO NC	No	5070	3490	1534	46
BLRI0197	CURTIS CREEK	No	27	27	0	0
BLRI0198	LOCUST CREEK NEAR CELO N C	No	123	0	78	45
BLRI0199	CAROLINA HEMLOCKS SWIMMING BEACH	No	188	0	177	11
BLRI0200	BLACK MOUNTAIN CAMPGROUND	No	6	0	6	0
BLRI0201	LOWER CREEK AT MOUTH NR BUSICK, NC	No	25	25	0	0
BLRI0202 ¹	SOUTH TOE RIVER NEAR DEEP GAP NC PRISTINE STRM	No	3159	3159	0	0
BLRI0203	LOWER CREEK AT CAMP ALICE (MT. MITCHELL), NC	No	24	24	0	0
BLRI0204	LOWER CREEK NR CAMP ALICE (MT. MITCHELL), NC	No	146	146	0	0
BLRI0205	LOWER CREEK BLW CAMP ALICE (MT. MITCHELL), NC	No	25	25	0	0
BLRI0206	BIG POPLAR CR HEADWATERS AT MT. MITCHELL, NC	No	165	165	0	0
BLRI0207	BEECH NURSERY CR AT MOUTH NR ESKOTA, NC	No	24	24	0	0
BLRI0208	BLUE SEA CR AT MOUTH NR ESKOTA, NC	No	24	24	0	0
BLRI0209	BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC	No	3	3	0	0
BLRI0210	BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC	No	11	11	0	0
BLRI0211	BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC	No	113	113	0	0
BLRI0212	BURNETT RESERVOIR	No	26	0	26	0
BLRI0213	BURNETT RESERVOIR AT DAM NR WALKERTOWN NC	No	11	11	0	0

Station Period of Record Tabulation From 04/01/29 To 10/19/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75
BLRI0214	BURNETT RESERVOIR AT DAM NR WALKERTOWN NC	No	179	179	0	0
BLRI0215	BURNETT RESERVOIR AT DAM NR WALKERTOWN NC	No	29	29	0	0
BLRI0216	BURNETT RESERVOIR	No	140	0	140	0
BLRI0217	N FORK SWANNANOA R NR BLACK MTN INACT-750326	No	100	0	41	59
BLRI0218	NF SWANNANOA RIVER AT DAM NR BLACK MOUNTAIN	No	8	0	0	8
BLRI0219	N FK SWANNANOA R BL BURNETT RES NR BLACK MTN NC	No	15	0	15	0
BLRI0220	N FORK SWANNANOA R NR BLACK MOUNTAIN, N. C.	No	40	0	0	40
BLRI0221	BEETREE RESERVOIR AT DAM NR SWANNANOA	No	11	11	0	0
BLRI0222	BEETREE RESERVOIR AT DAM NR SWANNANOA	No	164	164	0	0
BLRI0223	BEETREE RESERVOIR AT DAM NR SWANNANOA	No	26	26	0	0
BLRI0224 ¹	BEETREE CK NEAR SWANNANOA NC PS-10	No	3916	3904	12	0
BLRI0225 ⁵	BEETREE CREEK NEAR SWANNANOA N C	No	2474	849	1383	242
BLRI0226 ⁶		No	377	0	0	377
BLRI0227	NEAR ASHVILLE RECREATION PARK	No	6	0	0	6
BLRI0228	0.13 ABOVE MOUTH OF GASHES CREEK	No	6	0	0	6
BLRI0229	REEMS CREEK	No	54	54	0	0
BLRI0230	BUSBEE RESERVOIR NR DAM NR OAKLEY NC	No	38	38	0	0
BLRI0231	BUSBEE RESERVOIR NR DAM NR OAKLEY NC	No	6	6	0	0
BLRI0232	BUSBEE RESERVOIR NR DAM NR OAKLEY NC	No	17	17	0	0
BLRI0233	FRENCH BROAD R TRIB NR ARDEN NC INACT-740418	No	168	0	0	168
BLRI0234	ROSS CREEK AT BEAUCATCHER RD NR ASHEVILLE NC	No	41	41	0	0
BLRI0235	ROSS CR AT BEAUCATCHER RD AT ASHEVILLE, NC	No	253	253	0	0
BLRI0236	LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC	No	11	11	0	0
BLRI0237	LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC	No	145	145	0	0
BLRI0238	LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC	No	25	25	0	0
BLRI0239	FRENCH BROAD R TRIB NR ROYAL PINES INACT-740425	No	166	0	0	166
BLRI0240	LAKE JULIAN DS HWY 280 NR SKYLAND NC	No	25	25	0	0
BLRI0241	LAKE JULIAN DS HWY 280 NR SKYLAND NC	No	119	119	0	0
BLRI0242	LAKE JULIAN DS HWY 280 NR SKYLAND NC	No	11	11	0	0
BLRI0243	FRENCH BROAD R TRIB NR SKYLAND NC INACT-740425	No	328	0	0	328
BLRI0244	FRENCH BROAD R TRIB NR WEST HAVEN NC INAC-740425	No	300	0	0	300
BLRI0245		No	658	0	627	31
BLRI0246 ⁶	SWANNANOA RIVER AT BILTMORE, N. C.	No	368	0	105	263
BLRI0247	LAKE JULIAN NR DAM NR SKYLAND NC	No	128	128	0	0
BLRI0248	LAKE JULIAN NR DAM NR SKYLAND NC	No	25	25	0	0
BLRI0249 ⁹	SWANNANOA RIVER AT BILTMORE NC	No	3539	3539	0	0
BLRI0250	LAKE JULIAN NR DAM NR SKYLAND NC	No	11	11	0	0
BLRI0251 ¹	FRENCH BROAD R NC HWY 280 NR SKYLAND NC	No	3361	3361	0	0
BLRI0252 ²		No	884	0	667	217
BLRI0253	NASTY BRANCH AT SR 1126 AT ASHEVILLE, NC	No	60	60	0	0
BLRI0254	NASTY BRANCH AT ASHEVILLE, NC	No	390	390	0	0
BLRI0255	SWANNANOA RIVER NR BILTMORE NC INACT-750214	No	83	0	48	35
BLRI0256	REED CK AT WEAVER BLVD AT ASHEVILLE NC	No	92	92	0	0
BLRI0257	REED CREEK ABOVE BARNARD AVE. AT ASHEVILLE, N.C	No	469	469	0	0
BLRI0258	THE LAGOON	No	25	0	25	0
BLRI0259		No	10	0	0	10
BLRI0260	ABOVE SWANNANOA RIVER	No	318	0	0	318
BLRI0261 ¹	BENT CK AT NC HWY 191 NR WEST HAVEN INACT-750207	No	171	0	20	151
BLRI0262	FRENCH BROAD R AB BENT CR AT BENT CREEK N C	Yes	163	0	0	163
BLRI0263 ³	FRENCH BROAD RIVER AT BENT CREEK N C	Yes	1153	0	78	1075
BLRI0264 ⁴	HOMINY CREEK SR3431 NR ASHEVILLE INACT-750115	No	308	0	23	285
BLRI0265 ⁵	WESTLEY CREEK AT AVERY CREEK NC INACT-750207	No	137	0	20	117
BLRI0266 ⁶	BRIDGE ABOVE POND BRANCH	No	1087	0	824	263
BLRI0267	BENT CREEK NEAR AVERY CREEK NC INACT-730911	No	116	0	0	116
BLRI0268	LAKE POWHATAN	No	296	0	263	33
BLRI0269 ⁹	NORTH FORK MILLS RIVER ABOVE MILLS RIVER N C	No	203	0	141	62
BLRI0270	BRIDGE AT NORTH FORK MILLS RIVER RECREATION AREA	No	193	0	0	193
BLRI0271	FLETCHER CREEK	No	30	0	30	0
BLRI0272	MIDDLE FORK 2	No	140	0	140	0
BLRI0273	BIG CREEK	No	30	0	30	0
BLRI0274	FLETCHER CREEK UPPER	No	30	0	30	0
BLRI0275	MIDDLE FORK	No	30	0	30	0
BLRI0276	SPENCER BRANCH	No	140	0	140	0
BLRI0277	FLETCHER CREEK 2	No	140	0	140	0
BLRI0278	BRADLEY CREEK - LOWER 2 - ST	No	567	0	567	0
BLRI0279	BRADLEY CREEK - LOWER 1 - ST	No	3551	0	3551	0
BLRI0280 ⁰	BRADLEY CREEK - LOWER 3 - ST	No	1252	0	1252	0
BLRI0281	BRADLEY CREEK - MIDDLE - ST	No	3775	0	3775	0
BLRI0282	BRADLEY CREEK - UPPER - ST	No	3657	0	3657	0
BLRI0283 ³	S. MILLS R. GAGING STATION - DB	No	124	0	0	124
BLRI0284	THOMPSON CREEK - SB	No	3343	0	3343	0

Station Period of Record Tabulation From 04/01/29 To 10/19/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75
BLRI0285	BUCKHORN GAP	No	0	0	0	0
BLRI0286	PIGEON CREEK LOWER	No	16	0	16	0
BLRI0287	PIGEON CREEK UPPER	No	16	0	16	0
BLRI0288	SOUTH FORK MILLS RIVER	No	54	54	0	0
BLRI0289 ¹	CRADLE - POUNDINGMILL BRANCH, AR	No	127	0	0	127
BLRI0290 ¹	CHERRY COVE BRANCH BR/EB	No	466	0	342	124
BLRI0291	SLIDING ROCK	No	301	0	268	33
BLRI0292	BELOW BRIDGE AT CRUSO	No	466	0	0	466
BLRI0293	EAST FORK PIGEON RIVER	No	54	54	0	0
BLRI0294 ¹	COVE CREEK CAMPING AREA - GR	No	114	0	0	114
BLRI0295	DAVIDSON R @GORT RD PISGAH NATL FOREST IN-750505	No	404	0	88	316
BLRI0296 ¹	BELOW TROUT REARING STATION - AA	No	471	0	327	144
BLRI0297	ACID RAIN STUDY - BREVARD NC TO DAVIDSON RIVER	No	0	0	0	0
BLRI0298 ¹	ABOVE TROUT REARING STATION - AB	No	465	0	301	164
BLRI0299	DEEP GAP	No	0	0	0	0
BLRI0300	MIDDLE PRONG WEST FORK	No	108	108	0	0
BLRI0301 ¹	RIGHT HAND PRONG OFF NC HWY 215 NEAR BEECH GAP	No	1193	1193	0	0
BLRI0302	MIDDLE PRONG WEST FORK	No	27	27	0	0
BLRI0303 ¹	WOLF CREEK RESERVOIR	No	869	577	292	0
BLRI0304	WOLF CREEK RESERVOIR	No	26	0	26	0
BLRI0305 ¹	ALLEN CK SR1148 NEAR HAZELWOOD NC INACT-741114	No	151	0	0	151
BLRI0306 ¹	ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD	No	359	359	0	0
BLRI0307	ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD	No	3	3	0	0
BLRI0308	ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD	No	36	36	0	0
BLRI0309 ¹	ALLEN CK US 19&23 HAZELWOOD NC INACT-741114	No	158	0	0	158
BLRI0310	U.S. HWYS 19A & 23 AT WAYNESVILLE	No	3	0	0	3
BLRI0311 ¹	RICHLAND CK US DAYCO SOUTH HAZELWOOD INA-741114	No	204	0	0	204
BLRI0312 ¹	ALLEN CREEK NEAR HAZELWOOD, N.C.	No	180	0	0	180
BLRI0313	200 FEET BELOW ROCKY BRANCH	No	274	0	0	274
BLRI0314	ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC	No	27	27	0	0
BLRI0315 ¹	ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC	No	544	544	0	0
BLRI0316	ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC	No	46	46	0	0
BLRI0317 ¹	ABOVE HYATT CREEK	No	471	0	0	471
BLRI0318	LITTLE BRANCH CREEK	No	108	108	0	0
BLRI0319	LITTLE BRANCH CREEK	No	27	27	0	0
BLRI0320	BRIDGE 400 FEET ABOVE JOHNSON BRANCH	No	283	0	0	283
BLRI0321 ¹	BRIDGE 100 FEET ABOVE MOUTH OF INDIAN CREEK	No	546	0	0	546
BLRI0322	TRIBUTARY TO RAVEN FORK 7.43	No	38	0	38	0
BLRI0323	TRIBUTARY TO RAVEN FORK 7.43	No	7	0	7	0
BLRI0324	BUNCHES CREEK	No	54	54	0	0
BLRI0325	TRIBUTARY TO RAVEN FORK 8.38	No	85	0	85	0
BLRI0326	TRIBUTARY TO RAVEN FORK 7.43	No	37	0	37	0
BLRI0327	BUNCHES CREEK	No	108	108	0	0
BLRI0328	ROAD CROSSING 0.5 MILE SW OF STRAIGHT FK MOUTH	No	297	0	0	297
BLRI0329	STRAIGHT FORK CK BELOW RAVEN FORK INACT-750224	No	251	0	71	180
BLRI0330	STRAIGHT FORK CK @ SR1368 @RAVENSFORD IN-750224	No	259	0	71	188
BLRI0331		No	262	0	0	262
BLRI0332	OCONALUFTEE R @SR1368 N RAVENSFORD INACT-750224	No	211	0	40	171
BLRI0333	MINGUS CREEK AT RAVENSFORD	No	123	0	78	45
BLRI0334	BRIDGE AT SMOKEMONT CAMPGROUND	No	266	0	0	266
BLRI0335 ¹	OCONALUFTEE RIVER NR CHEROKEE NC INACT-750129	No	376	0	72	304
BLRI0336 ¹	OCONALUFTEE RIVER AT CHEROKEE NC INACT-750129	No	356	0	54	302

¹Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	3987	1716	1097	1174	126	4
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	4580	2993	1351	236	138	3
00004	STREAM WIDTH (FEET)	623	617	6	0	10	0
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	1236	0	508	728	20	2
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	562	103	134	325	64	2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7458	3098	2458	1902	245	27
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	307	2	279	26	21	0
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	7	0	0	7	5	0
00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	1	0	1	0	1	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	1240	819	412	9	30	0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	1	1	0	0	1	0
00023	SAMPLE WEIGHT IN POUNDS	33	3	2	28	3	0
00024	SAMPLE LENGTH IN INCHES	3	3	0	0	1	0
00025	BAROMETRIC PRESSURE (MM OF HG)	58	45	13	0	5	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	339	302	37	0	17	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	418	302	116	0	34	17
00032	CLOUD COVER (PERCENT)	1445	838	398	209	50	0
00035	WIND VELOCITY (MILES PER HOUR)	566	566	0	0	10	0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	1022	525	298	199	50	0
00037	WIND FORCE (BEAUFORT UNITS)	736	156	369	211	51	0
00040	WIND DIRECTION, AZIMUTH	9	0	9	0	5	0
00041	WEATHER (WMO CODE 4501)	4149	2031	1407	711	42	2
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	1	0	1	0	1	0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	4545	791	3554	200	56	0
00049	SURFACE AREA IN SQUARE MILES	98	0	0	98	8	1
00053	SURFACE AREA, ACRES	1	0	1	0	1	0
00054	RESERVOIR STORAGE - ACRE FEET	1	0	1	0	1	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	1	0	1	0	1	1
00060	FLOW, STREAM, MEAN DAILY CFS	1161	0	392	769	48	3
00061	FLOW, STREAM, INSTANTANEOUS CFS	1691	749	760	182	57	2
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	1	0	1	0	1	0
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	2	2	0	0	2	0
00064	DEPTH OF STREAM, MEAN (FT)	676	670	6	0	30	1
00065	STAGE, STREAM (FEET)	1641	791	612	238	77	1
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	3	2	1	0	2	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	930	297	327	306	58	0
00075	TURBIDITY, HELDIGE (PPM AS SILICON DIOXIDE)	4	0	4	0	2	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	4649	1054	3480	115	92	1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	1	1	0	0	1	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	66	39	5	22	21	1
00080	COLOR (PLATINUM-COBALT UNITS)	1317	423	227	667	113	23
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	101	18	73	10	13	2
00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	23	23	0	0	5	0
00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	23	23	0	0	5	0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	42	0	0	42	6	0
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	3258	2400	825	33	67	3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2450	979	777	694	177	23
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	208	114	94	0	12	2
00154	SULFATE (AS S) WHOLE WATER, MG/L	5	0	5	0	5	1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	931	823	107	1	52	1
00300	OXYGEN, DISSOLVED MG/L	5883	2129	2258	1496	177	6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	651	34	180	437	58	1
00304	BOD, 2 DAY, 20 DEG C MG/L	13	0	0	13	6	0
00308	BOD, NITROGEN INHIB., TOTAL, 20 DAY, 20 DEG C MG/L	4	0	0	4	2	0
00310	BOD, 5 DAY, 20 DEG C MG/L	3117	1376	1278	463	91	3
00311	BOD, DISSOLVED, 5 DAY MG/L	2	0	0	2	1	0
00315	BOD, 7 DAY, 20 DEG C MG/L	1	0	1	0	1	0
00322	BOD, 10 DAY, 20 DEG C MG/L	5	0	0	5	5	0
00323	BOD, 15 DAY, 20 DEG C MG/L	5	0	0	5	5	0
00324	BOD, 20 DAY, 20 DEG C MG/L	13	0	0	13	6	0
00326	BOD, 28 DAY, 20 DEG C MG.L	8	0	0	8	4	0
00335	COD, .025N K2CR2O7 MG/L	207	0	141	66	24	0
00340	COD, .25N K2CR2O7 MG/L	2161	1131	982	48	43	1
00362	BOD, 40 DAY, 20 DEG C MG/L	9	0	0	9	5	0
00400	PH (STANDARD UNITS)	7410	3032	2444	1934	222	25
00403	PH, LAB, STANDARD UNITS SU	1905	1522	280	103	106	7
00405	CARBON DIOXIDE (MG/L AS CO2)	130	0	57	73	27	18
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	46	41	5	0	25	2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	3393	1393	977	1023	199	25
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	733	1	179	553	77	1
00417	ALKALINITY, FIXED ENDPPOINT TITRATION, USGS LAB MG/L	2	2	0	0	2	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	9	0	9	0	3	0
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	5	0	5	0	3	0
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	827	662	165	0	21	2
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	307	8	267	32	36	2
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	23	3	12	8	9	0
00440	BICARBONATE ION (MG/L AS HCO3)	651	41	118	492	60	20
00445	CARBONATE ION (MG/L AS CO3)	403	0	58	345	36	19
00450	BICARBONATE, INCREMENTAL TITRATION, (HCO3) FIELD MG/L	2	0	2	0	1	0
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	1	1	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	7	7	0	0	2	0
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	2	2	0	0	1	0
00500	RESIDUE, TOTAL (MG/L)	2473	1515	590	368	94	2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	1592	896	477	219	53	2
00510	RESIDUE, TOTAL FILTRABLE (MG/L)	1588	900	477	211	53	2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	138	0	2	136	19	0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	3	0	1	2	3	0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	2	0	0	2	2	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	7886	2298	5328	260	118	2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	5995	1476	4282	237	71	2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	5985	1476	4280	229	68	2
00545	RESIDUE, SETTLEABLE (ML/L)	31	0	8	23	14	1
00546	RESIDUE, SETTLEABLE (MG/L)	17	0	0	17	6	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL, REC., MG/L	11	0	0	11	11	2
00590	INVALID PARAMETER	3	0	0	3	3	0
00600	NITROGEN, TOTAL (MG/L AS N)	528	13	487	28	24	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	10	0	10	0	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	377	15	188	174	31	2
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	20	0	19	1	4	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	61	16	31	14	15	2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4612	2145	1795	672	142	5
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	11	11	0	0	2	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	171	12	125	34	23	19
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	3559	1421	1590	548	75	5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	236	17	104	115	32	19
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	3032	1419	1063	550	65	5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	30	0	29	1	4	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	21	0	20	1	4	0
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	4632	2133	1924	575	128	5
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11	11	0	0	2	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1981	759	1053	169	107	3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	299	12	168	119	29	17
00633	NITRITE PLUS NITRATE, BOT. DEPOS. (MG/KG-N DRY WT)	11	11	0	0	2	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	349	0	159	190	29	1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	60	18	14	28	9	2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	264	0	183	81	42	19
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	5	0	5	0	5	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3593	2165	1086	342	129	4
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	221	13	91	117	28	1
00668	PHOSPHORUS, TOTAL, BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11	11	0	0	2	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1751	738	838	175	62	21
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10	0	0	10	5	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	2114	1130	944	40	59	2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	96	75	21	0	38	3
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	9	0	9	0	1	0
00690	CARBON, TOTAL (MG/L AS C)	7	0	0	7	2	0
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	46	41	5	0	25	2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	71	14	3	54	20	1
00740	SULFITE (MG/L AS SO3)	12	0	2	10	2	0
00745	SULFIDE, TOTAL (MG/L AS S)	7	0	7	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	2818	1788	508	522	109	20
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	15	0	0	15	6	0
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	565	0	118	447	38	19
00910	CALCIUM (MG/L AS CaCO3)	5	0	5	0	5	1
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	799	123	166	510	81	22
00916	CALCIUM, TOTAL (MG/L AS Ca)	483	5	358	120	46	0
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS Ca DRY WGT)	3	2	1	0	2	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	16	15	1	0	6	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	776	123	162	491	82	23
00927	MAGNESIUM, TOTAL (MG/L AS MG)	435	64	242	129	50	0
00929	SODIUM, TOTAL (MG/L AS Na)	265	4	172	89	28	0
00930	SODIUM, DISSOLVED (MG/L AS Na)	774	123	162	489	82	23

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00931	SODIUM ADSORPTION RATIO	459	1	132	326	35	19
00932	SODIUM, PERCENT	459	1	132	326	35	19
00933	SODIUM,PLUS POTASSIUM (MG/L)	27	0	27	0	20	17
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	3	2	1	0	2	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	757	123	162	472	81	23
00937	POTASSIUM, TOTAL MG/L AS K)	341	2	249	90	29	0
00940	CHLORIDE,TOTAL IN WATER MG/L	2147	925	551	671	126	20
00941	CHLORIDE, DISSOLVED IN WATER MG/L	46	41	5	0	25	2
00945	SULFATE, TOTAL (MG/L AS SO4)	2076	988	473	615	110	19
00946	SULFATE, DISSOLVED (MG/L AS SO4)	98	59	21	18	31	3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	739	123	165	451	92	23
00951	FLUORIDE, TOTAL (MG/L AS F)	595	358	171	66	40	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	1100	412	210	478	95	21
00956	SILICA, TOTAL (MG/L AS SI02)	98	0	5	93	13	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	38	0	11	27	18	12
01001	ARSENIC, SUSPENDE (UG/L AS AS)	1	0	1	0	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	1107	693	311	103	74	3
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	131	92	39	0	34	0
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	6	3	3	0	3	0
01007	BARIUM, TOTAL (UG/L AS BA)	30	2	28	0	14	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	3	2	1	0	2	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	9	0	0	9	9	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	49	20	29	0	25	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	45	41	4	0	23	0
01020	BORON, DISSOLVED (UG/L AS B)	5	0	0	5	1	0
01022	BORON, TOTAL (UG/L AS B)	19	0	19	0	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	18	0	9	9	12	8
01026	CADMIUM, SUSPENDE (UG/L AS CD)	1	0	1	0	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	1286	716	444	126	77	2
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	136	98	38	0	35	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	139	99	40	0	35	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	38	0	27	11	15	7
01031	CHROMIUM, SUSPEND (UG/L AS CR)	15	0	15	0	4	0
01032	CHROMIUM, HEXA VALENT (UG/L AS CR)	8	0	0	8	4	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	1453	709	478	266	85	2
01035	COBALT, DISSOLVED (UG/L AS CO)	4	0	1	3	3	0
01036	COBALT, SUSPENDE (UG/L AS CO)	1	0	1	0	1	0
01037	COBALT, TOTAL (UG/L AS CO)	167	57	95	15	26	1
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	2	2	0	0	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	153	0	124	29	28	13
01041	COPPER, SUSPENDE (UG/L AS CU)	17	0	17	0	4	0
01042	COPPER, TOTAL (UG/L AS CU)	1702	704	705	293	103	3
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	137	97	40	0	35	0
01044	IRON, SUSPENDE (UG/L AS FE)	7	0	7	0	1	0
01045	IRON, TOTAL (UG/L AS FE)	1357	512	576	269	109	5
01046	IRON, DISSOLVED (UG/L AS FE)	670	28	299	343	59	19
01047	IRON, FERROUS (UG/L AS FE)	93	0	0	93	11	0
01048	IRON, FERRIC & FERROUS-DISS (UG/L)	27	0	9	18	4	0
01049	LEAD, DISSOLVED (UG/L AS PB)	40	0	27	13	17	8
01050	LEAD, SUSPENDE (UG/L AS PB)	17	0	17	0	4	0
01051	LEAD, TOTAL (UG/L AS PB)	1488	705	567	216	86	3
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	138	98	40	0	34	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	26	25	1	0	16	0
01054	MANGANESE, SUSPENDE (UG/L AS MN)	1	0	1	0	1	0
01055	MANGANESE, TOTAL (UG/L AS MN)	1016	426	445	145	82	2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	287	58	164	65	55	3
01059	THALLIUM, TOTAL (UG/L AS TL)	21	12	9	0	16	0
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	1	0	1	0	1	0
01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	181	0	122	59	22	3
01067	NICKEL, TOTAL (UG/L AS NI)	1009	703	253	53	73	2
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	136	99	37	0	35	0
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	12	9	3	0	5	0
01073	THALLIUM,TISSUE, wet WEIGHT,MG/KG	4	3	1	0	2	0
01075	SILVER, DISSOLVED (UG/L AS AG)	10	0	2	8	2	0
01077	SILVER, TOTAL (UG/L AS AG)	38	6	31	1	19	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	35	34	1	0	21	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	0	0	1	1	0
01082	STRONTIUM, TOTAL (UG/L AS SR)	1	0	1	0	1	0
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	1	0	1	0	1	0
01087	VANADIUM, TOTAL (UG/L AS V)	1	0	1	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	3	2	1	0	2	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	160	0	124	36	29	13
01091	ZINC, SUSPENDED (UG/L ZN)	12	0	12	0	4	0
01092	ZINC, TOTAL (UG/L AS ZN)	1613	709	581	323	102	2
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	137	99	38	0	35	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	4	1	3	0	4	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	11	10	1	0	11	0
01102	TIN, TOTAL (UG/L AS SN)	1	0	1	0	1	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	882	589	284	9	62	2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	144	34	110	0	24	2
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	26	25	1	0	16	0
01132	LITHIUM, TOTAL (UG/L AS LI)	35	3	22	10	8	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	9	0	9	0	9	7
01146	SELENIUM, SUSPENDED (UG/L AS SE)	1	0	1	0	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	236	160	76	0	33	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	75	67	8	0	24	0
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	4	3	1	0	2	0
01152	TITANIUM, TOTAL (UG/L AS TI)	21	0	21	0	5	0
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	1	0	1	0	1	0
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	1	0	1	0	1	0
01163	ZIRCONIUM IN BOTTOM DEPOSITS (MG/KG AS ZR DRY WT)	1	0	1	0	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	26	25	1	0	14	0
01203	YTTRIUM, TOTAL (UG/L AS Y)	1	0	1	0	1	0
01300	OIL-GREASE (SEVERITY)	677	167	314	196	49	0
01305	DETERGENT SUDS (SEVERITY)	646	167	310	169	48	0
01315	SLUDGE, FLOATING (SEVERITY)	646	166	314	166	48	0
01325	ALGAE, FLOATING MATS (SEVERITY)	265	165	100	0	9	0
01330	ODOR, ATMOSPHERIC (SEVERITY)	645	167	312	166	48	0
01340	FISH, DEAD (SEVERITY)	636	166	310	160	48	0
01345	DEBRIS, FLOATING (SEVERITY)	649	167	319	163	48	0
01350	TURBIDITY (SEVERITY)	1443	852	384	207	50	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	3652	2514	957	181	82	0
01501	ALPHA, TOTAL	1	0	0	1	1	0
01502	ALPHA, TOTAL, COUNTING ERROR	1	0	0	1	1	0
01503	ALPHA, DISSOLVED	1	0	0	1	1	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	1	0	0	1	1	0
01505	ALPHA, SUSPENDED	1	0	0	1	1	0
01506	ALPHA, SUSPENDED, COUNTING ERROR	1	0	0	1	1	0
03501	BETA, TOTAL	1	0	0	1	1	0
03502	BETA, TOTAL, COUNTING ERROR	1	0	0	1	1	0
03503	BETA, DISSOLVED	1	0	0	1	1	0
03504	BETA, DISSOLVED, COUNTING ERROR	1	0	0	1	1	0
03505	BETA, SUSPENDED	1	0	0	1	1	0
03506	BETA, SUSPENDED, COUNTING ERROR	1	0	0	1	1	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	3	0	3	0	1	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	3	0	3	0	1	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	3	0	3	0	1	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	3	0	3	0	1	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	3	0	3	0	1	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	3	0	3	0	1	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	3	0	3	0	1	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	3	0	3	0	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	192	0	91	101	21	0
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	1	0	0	1	1	0
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	157	142	2	13	15	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	243	0	2	241	47	2
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	2	0	0	2	1	0
31508	COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	30	0	2	28	2	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11	0	0	11	10	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	79	2	1	76	14	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	5599	2326	2150	1123	130	3
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	38	0	38	0	2	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	132	6	103	23	6	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	4	0	4	0	1	0
32023	ACIDS, STRONG	33	18	15	0	10	2

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
32024	ACIDS, WEAK	33	18	15	0	10	2
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1	0	1	0	1	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1	0	1	0	1	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	1	0	1	0	1	0
32104	BROMOFORM,WHOLE WATER,UG/L	1	0	1	0	1	0
32106	CHLOROFORM,WHOLE WATER,UG/L	1	0	1	0	1	0
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	35	34	1	0	10	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	24	11	3	10	11	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	29	11	4	14	12	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	8	0	0	8	4	0
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	35	34	1	0	10	0
32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	8	0	0	8	4	0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	35	34	1	0	10	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	41	10	4	27	7	0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	10	10	0	0	4	0
32230	CHLOROPHYLL A (MG/L)	91	0	72	19	1	0
32231	CHLOROPHYLL B (MG/L)	91	0	72	19	1	0
32240	TANNIN AND LIGNIN (MG/L)	101	91	0	10	11	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	80	22	14	44	19	0
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	2	2	0	0	1	0
32734	PHENOLICS,TISSUE,WET WEIGHT,MG/KG	1	0	1	0	1	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	1	0	1	0	1	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	1	0	1	0	1	0
34200	ACENAPHTHYLENE TOTWUG/L	1	0	1	0	1	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34204	ACENAPHTHYLENE WET WGTISMG/KG	4	3	1	0	2	0
34205	ACENAPHTHENE TOTWUG/L	1	0	1	0	1	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34209	ACENAPHTHENE WET WGTISMG/KG	4	3	1	0	2	0
34210	ACROLEIN TOTWUG/L	1	0	1	0	1	0
34213	ACROLEIN DRY WGTBOTUG/KG	1	0	1	0	1	0
34214	ACROLEIN WET WGTISMG/KG	1	0	1	0	1	0
34215	ACRYLONITRILE TOTWUG/L	1	0	1	0	1	0
34218	ACRYLONITRILE DRY WGTBOTUG/KG	1	0	1	0	1	0
34219	ACRYLONITRILE WET WGTISMG/KG	1	0	1	0	1	0
34223	ANTHRACENE DRY WGTBOTUG/KG	2	2	0	0	1	0
34224	ANTHRACENE WET WGTISMG/KG	4	3	1	0	2	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	1	0	1	0	1	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	2	2	0	0	1	0
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	4	3	1	0	2	0
34237	BENZENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34238	BENZENE WET WGTISMG/KG	1	0	1	0	1	0
34241	BENZIDINE WET WGTISMG/KG	1	0	1	0	1	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	3	2	1	0	2	0
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	4	3	1	0	2	0
34247	BENZO-A-PYRENE TOTWUG/L	1	0	1	0	1	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34251	BENZO-A-PYRENE WET WGTISMG/KG	4	3	1	0	2	0
34252	BERYLLIUM WET WGTISMG/KG	4	3	1	0	2	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	3	2	1	0	2	0
34258	B-BHC-BETA WET WGTISMG/KG	4	3	1	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	21	14	7	0	13	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	3	2	1	0	2	0
34263	DELTA BENZENE HEXACHLORIDE WET WGTISMG/KG	4	3	1	0	2	0
34272	BIS (CHLOROMETHYL) ETHER WET WGTISMG/KG	1	0	1	0	1	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	1	0	1	0	1	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	3	2	1	0	2	0
34277	BIS (2-CHLOROETHYL) ETHER WET WGTISMG/KG	1	0	1	0	1	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	1	0	1	0	1	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	3	2	1	0	2	0
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTISMG/KG	1	0	1	0	1	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	1	0	1	0	1	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	3	2	1	0	2	0
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTISMG/KG	1	0	1	0	1	0
34290	BROMOFORM DRY WGTBOTUG/KG	1	0	1	0	1	0
34291	BROMOFORM WET WGTISMG/KG	1	0	1	0	1	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	1	0	1	0	1	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	1	0	1	0	1	0
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	1	0	1	0	1	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34300	CARBON TETRACHLORIDE WET WGTISMG/KG	1	0	1	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34301	CHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34305	CHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	1	0	1	0	1	0
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34311	CHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34315	CHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34318	CHLOROFORM DRY WGTBOTUG/KG	1	0	1	0	1	0
34319	CHLOROFORM WET WGTTISMG/KG	1	0	1	0	1	0
34320	CHRYSENE TOTWUG/L	1	0	1	0	1	0
34323	CHRYSENE DRY WGTBOTUG/KG	2	2	0	0	1	0
34324	CHRYSENE WET WGTTISMG/KG	4	3	1	0	2	0
34326	CYANIDE WET WGTTISMG/KG	1	0	1	0	1	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34336	DIETHYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	3	2	1	0	2	0
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	4	3	1	0	2	0
34341	DIMETHYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	3	2	1	0	2	0
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	4	3	1	0	2	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	1	0	1	0	1	0
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	1	0	1	0	1	0
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	1	0	1	0	1	0
34351	ENDOSULFAN SULFATE TOTWUG/L	21	14	7	0	13	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	3	2	1	0	2	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	1	0	1	0	1	0
34356	ENDOSULFAN, BETA TOTWUG/L	21	14	7	0	13	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	3	2	1	0	2	0
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	4	3	1	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	21	14	7	0	13	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	3	2	1	0	2	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	4	3	1	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	21	14	7	0	13	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	1	0	1	0	1	0
34371	ETHYLBENZENE TOTWUG/L	1	0	1	0	1	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34375	ETHYLBENZENE WET WGTTISMG/KG	1	0	1	0	1	0
34376	FLUORANTHENE TOTWUG/L	1	0	1	0	1	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34380	FLUORANTHENE WET WGTTISMG/KG	4	3	1	0	2	0
34381	FLUORENE TOTWUG/L	1	0	1	0	1	0
34384	FLUORENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34385	FLUORENE WET WGTTISMG/KG	4	3	1	0	2	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	1	0	1	0	1	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	1	0	1	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	1	0	1	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	3	2	1	0	2	0
34400	HEXACHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	1	0	1	0	1	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	4	3	1	0	2	0
34408	ISOPHORONE TOTWUG/L	1	0	1	0	1	0
34411	ISOPHORONE DRY WGTBOTUG/KG	3	2	1	0	2	0
34412	ISOPHORONE WET WGTTISMG/KG	1	0	1	0	1	0
34413	METHYL BROMIDE TOTWUG/L	1	0	1	0	1	0
34416	METHYL BROMIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34417	METHYL BROMIDE WET WGTTISMG/KG	1	0	1	0	1	0
34418	METHYL CHLORIDE TOTWUG/L	1	0	1	0	1	0
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34423	METHYLENE CHLORIDE TOTWUG/L	1	0	1	0	1	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	1	0	1	0	1	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	1	0	1	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	3	2	1	0	2	0
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	1	0	1	0	1	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	1	0	1	0	1	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	3	2	1	0	2	0
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	3	2	1	0	2	0
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	1	0	1	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34446	NAPHTHALENE WET WGTTISMG/KG	4	3	1	0	2	0
34447	NITROBENZENE TOTWUG/L	1	0	1	0	1	0
34450	NITROBENZENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34451	NITROBENZENE WET WGTTISMG/KG	1	0	1	0	1	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	1	0	1	0	1	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	1	0	1	0	1	0
34461	PHENANTHRENE TOTWUG/L	3	2	1	0	2	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34465	PHENANTHRENE WET WGTTISMG/KG	4	3	1	0	2	0
34468	PHENOL WET WGTTISMG/KG	1	0	1	0	1	0
34469	PYRENE TOTWUG/L	1	0	1	0	1	0
34472	PYRENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34473	PYRENE WET WGTTISMG/KG	4	3	1	0	2	0
34474	SILVER WET WGTTISMG/KG	1	0	1	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	1	0	1	0	1	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	1	0	1	0	1	0
34480	THALLIUM DRY WGTBOTMG/KG	44	41	3	0	22	0
34483	TOLUENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34484	TOLUENE WET WGTTISMG/KG	1	0	1	0	1	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	1	0	1	0	1	0
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34496	1,1-DICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	1	0	1	0	1	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	1	0	1	0	1	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	1	0	1	0	1	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	1	0	1	0	1	0
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	4	3	1	0	2	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	3	2	1	0	2	0
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	4	3	1	0	2	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	1	0	1	0	1	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	1	0	1	0	1	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	1	0	1	0	1	0
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	1	0	1	0	1	0
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	1	0	1	0	1	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1	0	1	0	1	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	1	0	1	0	1	0
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	1	0	1	0	1	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	4	3	1	0	2	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	1	0	1	0	1	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	1	0	1	0	1	0
34561	1,3-DICHLOROPROPENE TOTWUG/L	1	0	1	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	1	0	1	0	1	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34570	1,3-DICHLOROBENZENE WET WGTISMG/KG	1	0	1	0	1	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34575	1,4-DICHLOROBENZENE WET WGTISMG/KG	1	0	1	0	1	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1	0	1	0	1	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	1	0	1	0	1	0
34580	2-CHLOROETHYL VINYL ETHER WET WGTISMG/KG	1	0	1	0	1	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	1	0	1	0	1	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34585	2-CHLORONAPHTHALENE WET WGTISMG/KG	4	3	1	0	2	0
34586	2-CHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34590	2-CHLOROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34591	2-NITROPHENOL TOTWUG/L	1	0	1	0	1	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34595	2-NITROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	3	2	1	0	2	0
34600	DI-N-OCTYL PHTHALATE WET WGTISMG/KG	1	0	1	0	1	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34605	2,4-DICHLOROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	1	0	1	0	1	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34610	2,4-DIMETHYLPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34611	2,4-DINITROTOLUENE TOTWUG/L	1	0	1	0	1	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34615	2,4-DINITROTOLUENE WET WGTISMG/KG	1	0	1	0	1	0
34616	2,4-DINITROPHENOL TOTWUG/L	1	0	1	0	1	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34620	2,4-DINITROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34625	2,4,6-TRICHLOROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34626	2,6-DINITROTOLUENE TOTWUG/L	1	0	1	0	1	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	3	2	1	0	2	0
34630	2,6-DINITROTOLUENE WET WGTISMG/KG	1	0	1	0	1	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	1	0	1	0	1	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	3	2	1	0	2	0
34635	3,3'-DICHLOROBENZIDINE WET WGTISMG/KG	4	3	1	0	2	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	1	0	1	0	1	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	3	2	1	0	2	0
34640	4-BROMOPHENYL PHENYL ETHER WET WGTISMG/KG	4	3	1	0	2	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	1	0	1	0	1	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	3	2	1	0	2	0
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTISMG/KG	1	0	1	0	1	0
34646	4-NITROPHENOL TOTWUG/L	1	0	1	0	1	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	2	2	0	0	1	0
34650	4-NITROPHENOL WET WGTISMG/KG	1	0	1	0	1	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	1	0	1	0	1	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	2	2	0	0	1	0
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTISMG/KG	1	0	1	0	1	0
34664	PCB - 1221 WET WGTISMG/KG	4	3	1	0	2	0
34667	PCB - 1232 WET WGTISMG/KG	4	3	1	0	2	0
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	1	0	1	0	1	0
34669	PCB - 1248 WET WGTISMG/KG	4	3	1	0	2	0
34670	PCB - 1260 WET WGTISMG/KG	4	3	1	0	2	0
34671	PCB - 1016 TOTWUG/L	21	14	7	0	13	0
34674	PCB - 1016 WET WGTISMG/KG	4	3	1	0	2	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	7	6	1	0	4	0
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGT, MG/KG	4	3	1	0	2	0
34683	DI-N-BUTYL PHTHALATE, TISSUE, WET WGT WET WGT	1	0	1	0	1	0
34684	DIELDRIN TISMG/KG	3	3	0	0	2	0
34685	ENDRIN WET WGTISMG/KG	7	6	1	0	4	0
34686	HEPTACHLOR EPOXIDE WET WGTISMG/KG	3	2	1	0	2	0
34687	HEPTACHLOR WET WGTISMG/KG	4	3	1	0	2	0
34688	HEXACHLOROBENZENE WET WGTISMG/KG	7	6	1	0	4	0
34689	PCB - 1242 WET WGTISMG/KG	4	3	1	0	2	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34690	PCB - 1254 WET WGT TISMG/KG	4	3	1	0	2	0
34691	TOXAPHENE WET WGT TISMG/KG	4	3	1	0	2	0
34692	TRICHLOROETHYLENE WET WGT TISMG/KG	1	0	1	0	1	0
34693	VINYL CHLORIDE WET WGT TISMG/KG	1	0	1	0	1	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	1	0	1	0	1	0
34696	NAPHTHALENE TOTWUG/L	1	0	1	0	1	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	3	0	3	0	1	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34800	ARSENIC, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34810	BERYLLIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34816	BISMUTH, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34825	CADMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34830	CALCIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34835	CERIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34840	COBALT, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34845	CHROMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34850	COPPER, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34855	EUROPIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34860	GALLIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34870	GOLD, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34875	HOLMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34880	IRON, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34885	LANTHANUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34890	LEAD, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34895	LITHIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34900	MAGNESIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34905	MANGANESE, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34910	MERCURY, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34915	MOLYBDENUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34920	NEODYMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34925	NICKEL, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34930	NIObIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34935	PHOSPHORUS, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34940	POTASSIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34945	SCANDIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34950	SELENIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34955	SILVER, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34960	SODIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34965	STRONTIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34970	SULFUR, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34975	TANTALUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34980	THORIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34985	TIN, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
35000	URANIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
35005	VANADIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
35010	YTTRIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
35015	YTTERBIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
35020	ZINC, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	85	1	19	65	17	0
38442	DICAMBA (BANVEL) WATER, DISSUG/L	10	6	4	0	8	0
38451	DICHLORPROP WATER, SUSPUG/L	10	6	4	0	8	0
38744	CHLORPYRIFOS-METHYL TISWETWGTMG/KG	3	3	0	0	1	0
38745	2,4-DB WATER, TOTUG/L	12	8	4	0	9	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	43	14	29	0	14	0
39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	4	4	0	0	2	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	2	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	1	0	1	0	1	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	53	44	9	0	24	0
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	24	0	24	0	9	0
39063	CHLORDANE-CIS ISOMER, TISSUE WET WGT (UG/G)	3	3	0	0	2	0
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	2	0	2	0	2	0
39065	CHLORDANE-TRNS ISOMER, WHOLE WATER SAMPL (UG/L)	24	0	24	0	9	0
39066	CHLORDANE-TRANS ISOMER, TISSUE WET WGT (UG/G)	3	3	0	0	2	0
39067	CHLORDANE-TRANS ISOMER, BOTTOM DEPOS (UG/KG DRY SL	1	0	1	0	1	0
39068	CHLORDANE-NONACHLOR, CIS ISO, WHOLE WTR (UG/L)	24	0	24	0	9	0
39069	CHLORDANE-NONACHLOR, CIS ISO, TISSUE WET WGT (UG/G)	3	3	0	0	1	0
39071	CHLORDANE-NONACHLOR, TPANS ISO, WHOLE WTR (UG/L)	24	0	24	0	9	0
39072	CHLORDANE-NONACHLOR, TRANS ISO, TISSUE, WET WT, UG/G	6	6	0	0	3	0
39073	CHLORDANE-NONACHLOR, TRANS ISO, BOTTOM DEP UG/KG	1	0	1	0	1	0
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	7	6	1	0	4	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	4	2	2	0	3	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE, TISSUE, WET WGT, MG/KG	4	3	1	0	2	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	1	0	1	0	1	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	3	2	1	0	2	0
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	1	0	1	0	1	0
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	3	2	1	0	2	0
39113	DIBUTYL PHTHALATES IN FISH, ANIMAL WET WGT UG/KG	3	3	0	0	1	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	1	0	1	0	1	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1	0	1	0	1	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1	0	1	0	1	0
39250	NAPHTHALENES, POLYCHLORINATED (UG/L)	7	7	0	0	2	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	6	6	0	0	3	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	2	2	0	3	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	4	3	1	0	3	0
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	24	0	24	0	9	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	2	2	0	3	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	4	3	1	0	3	0
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	24	0	24	0	9	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	3	3	0	0	2	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	2	2	0	3	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	4	3	1	0	3	0
39325	O,P DDD IN TISSUE WET WGT (UG/G)	3	3	0	0	2	0
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	24	0	24	0	9	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	3	3	0	0	2	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	67	21	43	3	20	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	56	40	16	0	26	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	21	14	7	0	13	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	21	14	7	0	13	0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	31	21	7	3	16	0
39343	GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	9	8	1	0	4	0
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	41	11	27	3	17	0
39351	CHLORDANE(TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	56	48	8	0	25	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	55	48	7	0	24	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11	7	0	4	4	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	55	48	7	0	24	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	14	7	1	6	7	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	56	48	8	0	25	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	63	21	31	11	21	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	59	50	9	0	27	0
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	7	7	0	0	2	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	56	21	31	4	20	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	59	50	9	0	27	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	58	50	8	0	26	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	4	3	1	0	2	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	58	50	8	0	26	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	9	8	1	0	4	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	31	7	24	0	11	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	9	8	1	0	4	0
39482	METHOXYCHLOR IN FISH - UG/KG	3	3	0	0	2	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	21	14	7	0	13	0
39491	PCB - 1221 BOT. DEP., PCB SERIES DRY SOL UG/KG	3	2	1	0	2	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	21	14	7	0	13	0
39495	PCB - 1232 BOT. DEP., PCB-SERIES DRY SOL UG/KG	3	2	1	0	2	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	21	14	7	0	13	0
39499	PCB - 1242 BOT. DEP., PCB-SERIES DRY SOL UG/KG	3	2	1	0	2	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	21	14	7	0	13	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	2	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	7	4	3	0	5	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	2	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	21	14	7	0	13	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	2	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	3	2	1	0	2	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	6	6	0	0	3	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	42	13	24	5	18	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	6	1	0	3	0
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	49	42	7	0	22	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	6	6	0	0	2	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	6	6	0	0	2	0
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	6	6	0	0	2	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	6	6	0	0	2	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	10	0
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	14	0	14	0	9	0
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	25	0	25	0	10	0
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	4	2	2	0	3	0
39702	HEXACHLORO BUTADIENE IN WHOLE WATER SAMPLE(UG/L)	1	0	1	0	1	0
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	1	0	1	0	1	0
39705	HEXACHLORO BUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	3	2	1	0	2	0
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	13	8	5	0	10	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	13	8	5	0	10	0
39755	MIREX, TOTAL (UG/L)	7	7	0	0	2	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	13	8	5	0	10	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	4	3	1	0	2	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	6	6	0	0	2	0
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	1	0	1	0	1	0
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	3	3	0	0	1	0
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	158	25	73	60	39	2
49266	INVALID PARAMETER	1	1	0	0	1	0
49267	INVALID PARAMETER	1	1	0	0	1	0
49269	INVALID PARAMETER	1	1	0	0	1	0
49270	INVALID PARAMETER	1	1	0	0	1	0
49271	INVALID PARAMETER	1	1	0	0	1	0
49272	INVALID PARAMETER	1	1	0	0	1	0
49274	INVALID PARAMETER	1	1	0	0	1	0
49275	INVALID PARAMETER	1	1	0	0	1	0
49276	INVALID PARAMETER	1	1	0	0	1	0
49277	INVALID PARAMETER	1	1	0	0	1	0
49278	INVALID PARAMETER	1	1	0	0	1	0
49279	INVALID PARAMETER	1	1	0	0	1	0
49280	INVALID PARAMETER	1	1	0	0	1	0
49316	INVALID PARAMETER	1	1	0	0	1	0
49317	INVALID PARAMETER	1	1	0	0	1	0
49318	INVALID PARAMETER	1	1	0	0	1	0
49319	INVALID PARAMETER	1	1	0	0	1	0
49320	INVALID PARAMETER	1	1	0	0	1	0
49321	INVALID PARAMETER	1	1	0	0	1	0
49322	INVALID PARAMETER	1	1	0	0	1	0
49324	INVALID PARAMETER	1	1	0	0	1	0
49325	INVALID PARAMETER	1	1	0	0	1	0
49326	INVALID PARAMETER	1	1	0	0	1	0
49327	INVALID PARAMETER	1	1	0	0	1	0
49328	INVALID PARAMETER	1	1	0	0	1	0
49329	INVALID PARAMETER	1	1	0	0	1	0
49330	INVALID PARAMETER	1	1	0	0	1	0
49331	INVALID PARAMETER	1	1	0	0	1	0
49332	INVALID PARAMETER	1	1	0	0	1	0
49335	INVALID PARAMETER	1	1	0	0	1	0

Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
49338	INVALID PARAMETER	1	1	0	0	1	0
49339	INVALID PARAMETER	1	1	0	0	1	0
49341	INVALID PARAMETER	1	1	0	0	1	0
49342	INVALID PARAMETER	1	1	0	0	1	0
49343	INVALID PARAMETER	1	1	0	0	1	0
49344	INVALID PARAMETER	1	1	0	0	1	0
49345	INVALID PARAMETER	1	1	0	0	1	0
49346	INVALID PARAMETER	1	1	0	0	1	0
49347	INVALID PARAMETER	1	1	0	0	1	0
49348	INVALID PARAMETER	1	1	0	0	1	0
49349	INVALID PARAMETER	1	1	0	0	1	0
49350	INVALID PARAMETER	1	1	0	0	1	0
49351	INVALID PARAMETER	1	1	0	0	1	0
49381	INVALID PARAMETER	1	1	0	0	1	0
49382	INVALID PARAMETER	1	1	0	0	1	0
49383	INVALID PARAMETER	1	1	0	0	1	0
49384	INVALID PARAMETER	1	1	0	0	1	0
49387	INVALID PARAMETER	1	1	0	0	1	0
49388	INVALID PARAMETER	1	1	0	0	1	0
49389	INVALID PARAMETER	1	1	0	0	1	0
49390	INVALID PARAMETER	1	1	0	0	1	0
49391	INVALID PARAMETER	1	1	0	0	1	0
49392	INVALID PARAMETER	1	1	0	0	1	0
49393	INVALID PARAMETER	1	1	0	0	1	0
49394	INVALID PARAMETER	1	1	0	0	1	0
49395	INVALID PARAMETER	1	1	0	0	1	0
49396	INVALID PARAMETER	1	1	0	0	1	0
49397	INVALID PARAMETER	1	1	0	0	1	0
49398	INVALID PARAMETER	1	1	0	0	1	0
49399	INVALID PARAMETER	1	1	0	0	1	0
49400	INVALID PARAMETER	1	1	0	0	1	0
49401	INVALID PARAMETER	1	1	0	0	1	0
49402	INVALID PARAMETER	1	1	0	0	1	0
49403	INVALID PARAMETER	1	1	0	0	1	0
49404	INVALID PARAMETER	1	1	0	0	1	0
49405	INVALID PARAMETER	1	1	0	0	1	0
49406	INVALID PARAMETER	1	1	0	0	1	0
49407	INVALID PARAMETER	1	1	0	0	1	0
49408	INVALID PARAMETER	1	1	0	0	1	0
49409	INVALID PARAMETER	1	1	0	0	1	0
49410	INVALID PARAMETER	1	1	0	0	1	0
49411	INVALID PARAMETER	1	1	0	0	1	0
49413	INVALID PARAMETER	1	1	0	0	1	0
49421	INVALID PARAMETER	1	1	0	0	1	0
49422	INVALID PARAMETER	1	1	0	0	1	0
49424	INVALID PARAMETER	1	1	0	0	1	0
49426	INVALID PARAMETER	1	1	0	0	1	0
49427	INVALID PARAMETER	1	1	0	0	1	0
49428	INVALID PARAMETER	1	1	0	0	1	0
49429	INVALID PARAMETER	1	1	0	0	1	0
49430	INVALID PARAMETER	1	1	0	0	1	0
49431	INVALID PARAMETER	1	1	0	0	1	0
49433	INVALID PARAMETER	1	1	0	0	1	0
49434	INVALID PARAMETER	1	1	0	0	1	0
49435	INVALID PARAMETER	1	1	0	0	1	0
49436	INVALID PARAMETER	1	1	0	0	1	0
49437	INVALID PARAMETER	1	1	0	0	1	0
49438	INVALID PARAMETER	1	1	0	0	1	0
49439	INVALID PARAMETER	1	1	0	0	1	0
49441	INVALID PARAMETER	1	1	0	0	1	0
49442	INVALID PARAMETER	1	1	0	0	1	0
49443	INVALID PARAMETER	1	1	0	0	1	0
49444	INVALID PARAMETER	1	1	0	0	1	0
49446	INVALID PARAMETER	1	1	0	0	1	0
49449	INVALID PARAMETER	1	1	0	0	1	0
49450	INVALID PARAMETER	1	1	0	0	1	0
49451	INVALID PARAMETER	1	1	0	0	1	0
49452	INVALID PARAMETER	1	1	0	0	1	0
49454	INVALID PARAMETER	1	1	0	0	1	0
49455	INVALID PARAMETER	1	1	0	0	1	0
49458	INVALID PARAMETER	1	1	0	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
49459	INVALID PARAMETER	1	1	0	0	1	0
49460	INVALID PARAMETER	1	1	0	0	1	0
49461	INVALID PARAMETER	1	1	0	0	1	0
49466	INVALID PARAMETER	1	1	0	0	1	0
49467	INVALID PARAMETER	1	1	0	0	1	0
49468	INVALID PARAMETER	1	1	0	0	1	0
49490	INVALID PARAMETER	1	1	0	0	1	0
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	2	0	0	2	1	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	30	3	27	0	6	0
50086	SETTLABLE MATTER (ML/L/HR)	2	0	2	0	2	0
60050	ALGAE, TOTAL (CELLS/ML)	1	0	1	0	1	0
70001	COMPOSITE LOCATION IN A CROSS SECTION	18	0	0	18	3	0
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	5	0	5	0	5	1
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	869	48	301	520	57	19
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	442	1	130	311	37	18
70302	SOLIDS, DISSOLVED-TONS PER DAY	471	0	201	270	13	2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	556	0	222	334	35	19
70305	SALINITY BASED ON CONDUCTIVITY	52	0	4	48	15	0
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	1	0	1	0	1	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	1	0	1	0	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	4	0	4	0	3	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	4	0	4	0	3	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	4	0	4	0	3	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	4	0	4	0	3	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	4	0	4	0	3	0
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	4	0	4	0	3	0
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	4	0	4	0	3	0
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	4	0	4	0	3	0
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	958	0	604	354	19	2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2249	1033	794	422	68	2
70508	ACIDITY, TOTAL, HOT (MG/L AS CaCO3)	1	0	1	0	1	0
70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	11	11	0	0	2	0
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	20	0	20	0	1	0
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	20	0	20	0	1	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	3	0	3	0	1	0
71825	ACIDITY, TOTAL (MG/L AS H)	9	9	0	0	2	0
71835	OXYGEN CONSUMED, FILTERED MG/L	36	0	0	36	2	0
71840	OXYGEN CONSUMED, UNFILTERED MG/L	35	0	0	35	2	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	12	0	12	0	4	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	57	18	34	5	8	2
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	102	0	3	99	12	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	519	59	117	343	64	22
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	128	0	101	27	22	18
71870	BROMIDE (MG/L AS BR)	16	16	0	0	7	0
71880	FORMALDEHYDE (MG/L)	9	0	0	9	9	1
71885	IRON (UG/L AS FE)	142	41	5	96	34	3
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	40	0	30	10	7	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	161	12	128	21	6	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	9	0	9	0	9	7
71895	MERCURY, SUSPENDED (UG/L AS HG)	1	0	1	0	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	1449	697	466	286	109	3
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	138	96	37	5	38	0
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	11	9	2	0	4	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	2	0	2	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12	9	3	0	5	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12	9	3	0	5	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	7	4	3	0	4	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12	9	3	0	5	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12	9	3	0	5	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	99	0	1	98	9	2
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)	1	0	1	0	1	1
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	1	0	1	0	1	1
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	1	0	1	0	1	1
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	1	0	1	0	1	1
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	1	0	1	0	1	1
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	1	0	1	0	1	1
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	46	41	5	0	25	2
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	10	0	10	0	3	0
74010	IRON, TOTAL (MG/L AS FE)	1	0	1	0	1	0
75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	38	38	0	0	22	0
75212	BENZYL ALCOHOL SEDIMENT, DRY WGT, UG/KG	2	2	0	0	1	0

**Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Parameter Code	Name	Total Obs	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	Park
75315	BENZOIC ACID SEDIMENT, DRY WGT, UG/KG	2	2	0	0	1	0
75647	DIBENZOFURAN SEDIMENT, DRY WGT, UG/KG	2	2	0	0	1	0
77063	BUTANOIC ACID (BUTYRIC ACID) WHOLE WATER, UG/L	1	0	1	0	1	0
77825	ALACHLOR WHOLE WATER, UG/L	12	8	4	0	9	0
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	2	2	0	0	1	0
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	2	2	0	0	1	0
78545	CHLORDENE, ALPHA, IN SEDIMENT UG/KG	2	2	0	0	1	0
78546	CHLORDENE, GAMMA, IN SEDIMENT UG/KG	2	2	0	0	1	0
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	2	2	0	0	1	0
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	2	2	0	0	1	0
78828	BENZO(GH)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
79004	BUTANAL IN FISH UG/KG	1	0	1	0	1	0
79009	HEXANAL IN FISH UG/KG	1	0	1	0	1	0
79018	PENTANAL IN FISH UG/KG	1	0	1	0	1	0
79019	PROPANAL IN FISH UG/KG	1	0	1	0	1	0
79020	SODIUM IN FISH UG/KG	1	0	1	0	1	0
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	3	3	0	0	1	0
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	3	3	0	0	1	0
79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	37	37	0	0	22	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	550	244	288	18	15	1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	289	4	271	14	8	1
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	46	41	5	0	25	2
81281	KEPONE(C10CL100) WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	4	3	1	0	2	0
81644	METHOXYCHLOR IN FISH TISSUE, UG/G WET WEIGHT	3	3	0	0	1	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	3	3	0	0	1	0
81647	REFERENCE POINT READING(LINEAR FEET)	266	146	120	0	7	0
81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81656	MAGNESIUM IN FISH TISSUE WET WEIGHT MG/KG	3	0	3	0	2	0
81658	BARIUM IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81659	COBALT IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81662	MOLYBDENUM IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81665	VANADIUM IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	3	3	0	0	1	0
81763	1-HYDROXYCHLORDENE IN SEDIMENTS DRY WEIGHT UG/KG	1	0	1	0	1	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	3	3	0	0	1	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	6	6	0	0	2	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
82032	CALCIUM - TOTAL UG/L (AS CA)	10	10	0	0	9	0
82033	MAGNESIUM - TOTAL UG/L(AS MG)	1	1	0	0	1	0
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	5	0	5	0	5	1
82052	BANVEL (DICAMBA) WHOLE WATER, UG/L	1	0	1	0	1	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	15	0	15	0	2	0
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	377	377	0	0	16	0
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	46	41	5	0	25	2
82243	ACIDITY, MINERAL(METHYLORANGE)ASCACO3(FLDDATA)MG/L	1	1	0	0	1	0
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	7	6	1	0	4	0
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	30	18	12	0	7	2
82398	SAMPLING METHOD (CODES)	11	2	9	0	3	0
82427	POTASSIUM, DISSOLVED FROM DRY DEPOSITION MG/KG	2	2	0	0	1	0
82557	ENDRIN KEYTONE IN BOTTOM DEPOSITS SEDDRYWGTMG/KG	2	2	0	0	1	0
83509	STREAM, WIDTH METER	41	41	0	0	20	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	29	0	16	13	18	17
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	29	0	16	13	18	17
84007	ANATOMY ALPHA CODE	7	3	4	0	3	0
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE	1	0	1	0	1	0
84068	SERIES CODE ALPHA-NUMERIC CODE	22	18	4	0	2	1
85001	BOD, 5 DAY LBS/DAY	18	0	0	18	4	0

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0005	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/07/68-10/27/77	9	90	
BLRI0014	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/17/74-09/13/95	21	79	
BLRI0017	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/10/92-10/12/95	3	16	
BLRI0030	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/15/94-08/15/94	0	2	
BLRI0038	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/68-10/18/95	27	107	
BLRI0042	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/92-09/05/95	2	16	
BLRI0043	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/20/74-05/09/78	3	37	
BLRI0046	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/14/92-05/14/92	0	1	
BLRI0047	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/14/92-06/11/92	0	4	
BLRI0048	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/92-09/05/95	2	16	
BLRI0049	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/16/69-05/02/78	9	96	
BLRI0050	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/20/74-12/16/77	3	32	
BLRI0055	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/30/69-10/18/95	26	143	
BLRI0056	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/07/92-10/19/95	3	40	
BLRI0057	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/10/92-06/10/92	0	2	
BLRI0058	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/06/74-03/20/78	3	37	
BLRI0061	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/09/79-10/19/95	16	49	
BLRI0062	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/08/89-06/08/89	0	1	
BLRI0064	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/08/89-10/19/95	6	42	
BLRI0070	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/67-05/02/78	10	80	
BLRI0071	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/25/70-10/19/95	25	142	
BLRI0085	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/16/70-05/15/95	25	95	
BLRI0090	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/67-05/03/78	10	103	
BLRI0093	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/05/94-10/02/95	1	7	
BLRI0095	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/07/71-09/25/95	24	86	
BLRI0097	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/28/94-08/07/95	1	8	
BLRI0098	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/13/95-07/13/95	0	3	
BLRI0099	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/07/71-08/07/95	24	46	
BLRI0100	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/06/74-06/15/76	2	19	
BLRI0101	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/31/75-09/29/75	0	2	
BLRI0102	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/19/80-10/10/95	15	13	
BLRI0104	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/26/67-05/02/74	6	53	
BLRI0109	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/31/74-04/06/78	3	37	
BLRI0110	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/29/92-06/23/94	1	10	
BLRI0111	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/16/70-09/25/95	25	144	
BLRI0112	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/21/67-09/25/95	28	149	
BLRI0113	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/29/92-03/28/95	2	12	
BLRI0116	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/27/92-05/19/94	1	8	
BLRI0122	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/92-09/11/95	3	99	
BLRI0124	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/92-09/11/95	3	100	
BLRI0133	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/10/93-08/10/93	0	3	
BLRI0134	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/28/73-01/28/81	7	82	
BLRI0135	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/18/73-01/28/81	7	52	
BLRI0136	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/19/81-12/19/94	13	104	
BLRI0140	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0142	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0144	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0145	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-10/22/74	1	2	
BLRI0146	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0148	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0149	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/73-07/17/73	0	1	
BLRI0152	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/73-06/20/73	0	1	
BLRI0154	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/22/84-11/25/86	2	64	
BLRI0157	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/73-12/20/94	21	62	
BLRI0158	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/27/73-03/30/81	7	80	
BLRI0159	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/28/82-05/05/83	0	8	
BLRI0161	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/19/79-12/27/94	15	177	
BLRI0163	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/15/86-08/19/91	5	63	
BLRI0165	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-03/30/81	7	28	
BLRI0166	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-10/03/74	1	3	
BLRI0167	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-10/03/74	1	3	
BLRI0168	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-09/26/73	0	2	
BLRI0169	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-09/26/73	0	2	
BLRI0170	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-09/26/73	0	2	
BLRI0171	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/04/73-09/26/73	0	2	
BLRI0172	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/26/73-09/26/73	0	1	
BLRI0173	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/16/74-04/02/75	1	3	
BLRI0175	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/02/75	1	4	
BLRI0176	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/18/67-10/18/67	0	1	
BLRI0177	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/02/75	1	13	
BLRI0178	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/02/75	1	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0180	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/03/75	1	7	
BLRI0181	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/10/68-09/08/75	7	18	
BLRI0183	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/03/75	1	6	
BLRI0184	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/29/73-09/26/73	0	3	
BLRI0185	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/19/73-04/03/75	1	6	
BLRI0194	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/10/68-08/01/68	0	6	
BLRI0196	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/21/81-12/15/94	13	156	
BLRI0202	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/85-12/15/94	9	98	
BLRI0216	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/03/83-05/03/83	0	17	
BLRI0217	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/12/73-03/26/75	1	8	
BLRI0224	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/27/86-01/12/95	8	96	
BLRI0226	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/06/65-05/25/67	2	17	
BLRI0227	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/23/68-07/23/68	0	1	
BLRI0228	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/23/68-07/23/68	0	1	
BLRI0233	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/10/74-04/18/74	0	2	
BLRI0239	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/10/74-04/18/74	0	2	
BLRI0243	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/04/74-04/25/74	0	12	
BLRI0244	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/04/74-04/25/74	0	14	
BLRI0245	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/01/68-12/28/76	8	27	
BLRI0249	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/10/85-01/05/95	9	116	
BLRI0251	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/15/85-01/05/95	9	112	
BLRI0252	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/06/65-12/28/76	11	44	
BLRI0255	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/12/73-02/14/75	1	8	
BLRI0259	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/27/70-10/27/70	0	4	
BLRI0260	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/06/65-08/21/68	3	35	
BLRI0261	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/16/73-02/07/75	1	5	
BLRI0264	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/12/73-01/15/75	1	12	
BLRI0265	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/06/73-02/07/75	1	5	
BLRI0266	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/06/65-08/06/80	15	40	
BLRI0267	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/06/73-09/11/73	0	4	
BLRI0270	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/67-05/26/67	0	9	
BLRI0292	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/67-10/23/68	1	14	
BLRI0295	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/20/73-05/05/75	1	17	
BLRI0301	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/91-10/17/94	3	35	
BLRI0303	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/21/83-12/03/86	3	88	
BLRI0305	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/14/73-11/14/74	1	5	
BLRI0309	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/14/73-11/14/74	1	5	
BLRI0310	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/29/70-10/29/70	0	1	
BLRI0311	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/26/71-11/14/74	3	8	
BLRI0313	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/01/68-03/24/69	0	8	
BLRI0317	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/05/65-10/29/70	5	17	
BLRI0320	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/67-05/27/67	0	9	
BLRI0321	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/67-03/24/69	2	17	
BLRI0322	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/26/82-03/26/82	0	1	
BLRI0323	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/26/82-03/26/82	0	1	
BLRI0325	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/12/81-03/26/82	0	3	
BLRI0328	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/30/68-03/24/69	0	9	
BLRI0329	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/13/74-02/24/75	0	10	
BLRI0330	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/13/74-02/24/75	0	10	
BLRI0331	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/30/68-03/24/69	0	8	
BLRI0332	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/13/74-02/24/75	0	10	
BLRI0334	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/30/68-03/24/69	0	8	
BLRI0335	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/21/73-03/24/76	2	7	
BLRI0336	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/21/73-01/29/75	1	6	
BLRI0014	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/30/79-09/13/95	16	178	
BLRI0017	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/30/91-10/12/95	4	20	
BLRI0019	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/90-08/14/90	0	2	
BLRI0021	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/80-09/04/95	15	365	
BLRI0025	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/19/79-06/19/79	0	1	
BLRI0030	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/05/78-08/15/94	15	16	
BLRI0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/13/82-10/18/95	13	74	
BLRI0042	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/02/92-09/05/95	3	17	
BLRI0048	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/21/89-09/05/95	6	17	
BLRI0055	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/13/82-10/18/95	13	75	
BLRI0056	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/07/91-10/19/95	4	50	
BLRI0061	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/09/79-10/19/95	16	178	
BLRI0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/08/89-06/08/89	0	1	
BLRI0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/08/89-10/19/95	6	67	
BLRI0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/84-09/06/84	0	3	
BLRI0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/09/79-10/19/95	16	180	
BLRI0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/09/82-08/09/84	2	19	
BLRI0083	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/09/82-08/09/84	2	19	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0085	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/93-08/14/95	1	11	
BLRI0093	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/05/94-10/02/95	1	7	
BLRI0095	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/89-09/25/95	6	61	
BLRI0097	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/25/83-08/07/95	12	103	
BLRI0098	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/28/77-07/13/95	17	9	
BLRI0099	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/25/83-08/07/95	12	100	
BLRI0102	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/27/82-10/10/95	13	8	
BLRI0110	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-06/23/94	3	12	
BLRI0111	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/22/92-09/25/95	3	48	
BLRI0112	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/89-09/25/95	6	66	
BLRI0113	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-09/25/95	5	16	
BLRI0116	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/92-05/19/94	2	9	
BLRI0122	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/28/92-09/11/95	3	105	
BLRI0124	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/28/92-09/11/95	3	106	
BLRI0128	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/79-07/24/79	0	1	
BLRI0133	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/10/93-08/10/93	0	3	
BLRI0134	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/04/76-01/28/81	4	55	
BLRI0135	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/76-01/28/81	4	50	
BLRI0136	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/81-12/19/94	13	106	
BLRI0141	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/15/80-09/15/80	0	1	
BLRI0150	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/82-10/27/82	0	5	
BLRI0153	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/82-11/25/86	4	72	
BLRI0157	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/81-12/20/94	13	64	
BLRI0158	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/30/76-03/30/81	4	33	
BLRI0159	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/28/82-05/05/83	0	8	
BLRI0161	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/19/79-12/27/94	15	187	
BLRI0163	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/86-08/19/91	5	70	
BLRI0165	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/12/80-03/30/81	1	15	
BLRI0176	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/67-10/18/67	0	1	
BLRI0181	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/10/68-09/08/75	7	18	
BLRI0186	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-01/03/82	4	18	
BLRI0187	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-06/25/84	6	46	
BLRI0188	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-06/25/84	6	46	
BLRI0189	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-06/25/84	6	48	
BLRI0190	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-01/03/82	4	18	
BLRI0191	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-06/25/84	6	46	
BLRI0192	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/77-06/25/84	6	46	
BLRI0194	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/10/68-08/01/68	0	6	
BLRI0196	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/21/81-12/15/94	13	173	
BLRI0199	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/23/80-08/31/81	1	20	
BLRI0202	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/85-12/15/94	9	108	
BLRI0209	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/31/90	0	1	
BLRI0210	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	2	
BLRI0211	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	20	
BLRI0213	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	2	
BLRI0214	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	33	
BLRI0215	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	2	
BLRI0216	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/83-05/03/83	0	17	
BLRI0221	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	2	
BLRI0222	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	29	
BLRI0223	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/27/92	1	2	
BLRI0224	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/27/86-01/12/95	8	109	
BLRI0226	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/65-05/25/67	2	17	
BLRI0227	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/68-07/23/68	0	1	
BLRI0228	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/68-07/23/68	0	1	
BLRI0230	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/31/90	0	6	
BLRI0231	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/31/90	0	1	
BLRI0232	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/31/90	0	1	
BLRI0234	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/87-09/06/87	0	5	
BLRI0236	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	
BLRI0237	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	26	
BLRI0238	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	
BLRI0240	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	
BLRI0241	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	21	
BLRI0242	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	
BLRI0245	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/68-12/28/76	8	25	
BLRI0247	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	23	
BLRI0248	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	
BLRI0249	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/10/85-01/05/95	9	131	
BLRI0250	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/31/90-07/28/92	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0251	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/85-01/05/95	9	123	
BLRI0252	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/65-12/28/76	11	43	
BLRI0253	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/18/87-09/06/87	0	8	
BLRI0256	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/18/87-09/06/87	0	16	
BLRI0259	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/70-10/27/70	0	2	
BLRI0260	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/65-08/21/68	3	41	
BLRI0266	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/65-08/06/80	15	40	
BLRI0268	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/80-09/21/81	1	32	
BLRI0270	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/67-05/26/67	0	9	
BLRI0271	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/80-09/28/81	0	15	
BLRI0272	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/11/83-05/02/83	0	2	
BLRI0273	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/80-09/28/81	0	15	
BLRI0274	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/80-09/28/81	0	15	
BLRI0275	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/80-09/28/81	0	15	
BLRI0276	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/11/83-05/02/83	0	2	
BLRI0277	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/11/83-05/02/83	0	2	
BLRI0280	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/30/76-03/26/79	2	15	
BLRI0284	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/06/77-01/06/77	0	1	
BLRI0290	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/04/77-03/26/79	1	9	
BLRI0291	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/29/80-09/21/81	1	34	
BLRI0292	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/67-10/23/68	1	14	
BLRI0296	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/04/77-03/26/79	1	9	
BLRI0298	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/04/77-03/26/79	1	9	
BLRI0301	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/91-10/17/94	3	39	
BLRI0303	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/21/83-12/03/86	3	88	
BLRI0306	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-08/24/93	3	59	
BLRI0307	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-08/01/90	0	1	
BLRI0308	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-06/21/93	2	7	
BLRI0310	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/70-10/29/70	0	1	
BLRI0313	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/01/68-03/24/69	0	8	
BLRI0314	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-08/03/92	2	2	
BLRI0315	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-08/24/93	3	98	
BLRI0316	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/90-08/24/93	3	9	
BLRI0317	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/05/65-10/29/70	5	17	
BLRI0320	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/67-05/27/67	0	9	
BLRI0321	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/67-03/24/69	2	17	
BLRI0322	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/82-03/26/82	0	1	
BLRI0323	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/82-03/26/82	0	1	
BLRI0325	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/12/81-03/26/82	0	3	
BLRI0326	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/82-03/26/82	0	1	
BLRI0328	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/30/68-03/24/69	0	9	
BLRI0329	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/13/74-01/29/75	0	5	
BLRI0330	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/13/74-01/29/75	0	5	
BLRI0331	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/30/68-03/24/69	0	8	
BLRI0332	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/13/74-09/16/74	0	4	
BLRI0334	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/30/68-03/24/69	0	8	
BLRI0335	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/74-09/16/74	0	1	
BLRI0336	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/74-09/16/74	0	1	
BLRI0136	No	00004	STREAM WIDTH (FEET)	02/21/83-03/06/84	1	2	
BLRI0157	No	00004	STREAM WIDTH (FEET)	02/05/87-09/25/90	3	15	
BLRI0161	No	00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	11	90	
BLRI0163	No	00004	STREAM WIDTH (FEET)	01/14/87-08/19/91	4	55	
BLRI0196	No	00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	11	92	
BLRI0202	No	00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	7	78	
BLRI0224	No	00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	8	83	
BLRI0249	No	00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	8	87	
BLRI0251	No	00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	8	86	
BLRI0301	No	00004	STREAM WIDTH (FEET)	09/25/91-10/17/94	3	35	
BLRI0005	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/07/68-11/02/77	9	92	
BLRI0014	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	05/17/74-11/02/77	3	34	
BLRI0038	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	06/20/68-10/15/74	6	59	
BLRI0043	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	11/20/74-05/09/78	3	37	
BLRI0049	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/16/69-05/02/78	9	96	
BLRI0050	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	11/20/74-12/16/77	3	32	
BLRI0055	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/30/69-05/09/78	8	95	
BLRI0058	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	06/06/74-03/20/78	3	37	
BLRI0070	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/25/67-05/02/78	10	80	
BLRI0071	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/25/70-05/02/78	8	92	
BLRI0085	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/16/70-04/13/78	8	86	
BLRI0090	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/25/67-05/03/78	10	102	
BLRI0095	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/07/71-06/15/76	4	44	
BLRI0099	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	07/07/71-06/15/76	4	40	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0100	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	06/06/74-06/15/76	2	19	
BLRI0101	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/31/75-09/29/75	0	2	
BLRI0104	Yes	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/26/67-05/02/74	6	53	
BLRI0109	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	10/31/74-04/06/78	3	37	
BLRI0111	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/16/70-04/27/78	8	96	
BLRI0112	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	08/21/67-03/14/78	10	103	
BLRI0107	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/87-06/02/87	0	2	
BLRI0134	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/28/73-09/28/78	4	44	
BLRI0135	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/18/73-09/28/78	5	24	
BLRI0136	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/21/94-12/19/94	0	7	
BLRI0138	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/16/71-08/02/72	0	2	
BLRI0139	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/16/71-08/02/72	0	2	
BLRI0140	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0141	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/01/80-09/15/80	0	3	
BLRI0142	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0144	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0145	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0146	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0148	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0149	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/17/73-07/17/73	0	1	
BLRI0152	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/73-06/20/73	0	1	
BLRI0154	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/22/84-11/25/86	2	10	
BLRI0157	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/73-12/20/94	21	10	
BLRI0158	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/27/73-01/29/78	4	39	
BLRI0161	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/03/82-12/27/94	12	11	
BLRI0162	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/02/73-10/04/73	0	9	
BLRI0165	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/15/76	4	16	
BLRI0166	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	10	
BLRI0167	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	10	
BLRI0168	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	10	
BLRI0169	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	9	
BLRI0170	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	9	
BLRI0171	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	9	
BLRI0172	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/72-09/26/73	1	10	
BLRI0173	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/13/71-04/02/75	4	7	
BLRI0174	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/28/71-06/12/72	1	3	
BLRI0175	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/27/71-04/02/75	4	4	
BLRI0177	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/13/71-04/02/75	4	11	
BLRI0178	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/27/71-04/02/75	4	4	
BLRI0180	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/13/71-04/03/75	4	6	
BLRI0183	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/08/70-04/03/75	4	9	
BLRI0184	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/17/72-09/26/73	1	7	
BLRI0185	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/08/70-04/03/75	4	9	
BLRI0196	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/14/71-12/15/94	23	13	
BLRI0202	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/18/94-12/15/94	0	9	
BLRI0217	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/12/73-03/26/75	1	6	
BLRI0224	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/22/92-01/12/95	2	11	
BLRI0233	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/04/74-04/25/74	0	5	
BLRI0239	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/04/74-04/25/74	0	5	
BLRI0243	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/04/74-04/25/74	0	12	
BLRI0244	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/04/74-04/25/74	0	14	
BLRI0249	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/22/94-01/05/95	0	10	
BLRI0251	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/21/94-01/05/95	0	10	
BLRI0255	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/12/73-01/15/75	1	6	
BLRI0261	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/21/68-07/25/74	5	16	
BLRI0264	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/03/72-01/15/75	2	11	
BLRI0265	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/21/68-09/11/73	5	14	
BLRI0267	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/21/68-09/11/73	5	12	
BLRI0295	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/20/73-05/05/75	1	9	
BLRI0301	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/25/94-10/17/94	0	7	
BLRI0303	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/84-12/03/86	2	11	
BLRI0305	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/26/71-08/05/74	3	7	
BLRI0309	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/26/71-08/05/74	3	7	
BLRI0311	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/16/68-08/14/73	5	19	
BLRI0329	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/13/74-02/24/75	0	9	
BLRI0330	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/13/74-02/24/75	0	9	
BLRI0332	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/13/74-02/24/75	0	8	
BLRI0335	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/21/73-03/24/76	2	4	
BLRI0336	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/21/73-01/29/75	1	3	
BLRI0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/86-04/11/86	0	2	
BLRI0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/86-04/11/86	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/72-04/17/73	0	3	
BLRI0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	10	99	
BLRI0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	0	2	
BLRI0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/67-06/22/67	0	4	
BLRI0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/72-04/16/73	0	4	
BLRI0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	4	2	
BLRI0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	21	209	
BLRI0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/68-05/21/69	1	2	
BLRI0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	4	2	
BLRI0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/91-10/12/95	4	18	
BLRI0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	4	2	
BLRI0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/90-08/14/90	0	3	
BLRI0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/20/79	4	2	
BLRI0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/89-09/04/95	6	99	
BLRI0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/79-07/20/79	0	1	
BLRI0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	0	2	
BLRI0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	0	2	
BLRI0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	0	2	
BLRI0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	0	2	
BLRI0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/78-08/15/94	15	8	
BLRI0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/17/86	0	2	
BLRI0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-03/31/86	0	1	
BLRI0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/17/86	0	2	
BLRI0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/15/86	0	2	
BLRI0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	27	247	
BLRI0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/73-10/18/73	0	3	
BLRI0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-05/23/73	0	1	
BLRI0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/18/73	0	3	
BLRI0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/88-09/05/95	6	28	
BLRI0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/74-06/18/79	4	49	
BLRI0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-06/20/68	0	1	
BLRI0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/88-09/05/95	6	26	
BLRI0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	9	98	
BLRI0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/74-06/18/79	4	43	
BLRI0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/18/73	0	3	
BLRI0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/67-10/14/68	0	15	
BLRI0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	26	282	
BLRI0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/91-10/19/95	4	48	
BLRI0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-12/02/78	4	42	
BLRI0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	16	163	
BLRI0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-06/08/89	0	4	
BLRI0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	7	68	
BLRI0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/73-10/18/73	0	2	
BLRI0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	11	85	
BLRI0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	25	259	
BLRI0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/67-09/12/68	0	13	
BLRI0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/79-07/23/79	0	1	
BLRI0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-08/06/91	0	1	
BLRI0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/74-07/19/79	4	2	
BLRI0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/92-08/09/93	1	2	
BLRI0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/74-07/19/79	4	2	
BLRI0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	25	83	
BLRI0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-07/12/78	0	1	
BLRI0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/74-07/19/79	4	2	
BLRI0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/73-09/20/73	0	3	
BLRI0090	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	11	114	
BLRI0091	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	17	306	
BLRI0093	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/92-10/02/95	3	6	
BLRI0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	24	223	
BLRI0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	4	48	
BLRI0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	12	83	
BLRI0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/77-07/13/95	17	3	
BLRI0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	24	123	
BLRI0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-08/26/92	18	20	
BLRI0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	16	117	
BLRI0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-05/18/83	15	62	
BLRI0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-02/18/69	0	1	
BLRI0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	2	
BLRI0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	4	46	
BLRI0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/82-06/23/94	11	33	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	25	282	
BLRI0112	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	28	300	
BLRI0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/82-09/25/95	13	38	
BLRI0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	10	120	
BLRI0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/89-05/19/94	5	19	
BLRI0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/82-05/24/83	0	16	
BLRI0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	4	2	
BLRI0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/72-05/04/72	0	7	
BLRI0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/72-05/04/72	0	4	
BLRI0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	4	130	
BLRI0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	4	136	
BLRI0125	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/88-04/16/91	2	5	
BLRI0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/79-07/25/79	0	1	
BLRI0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	7	83	
BLRI0135	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	10	56	
BLRI0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	13	103	
BLRI0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/68-06/15/72	4	15	
BLRI0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-08/02/72	1	3	
BLRI0139	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-07/23/73	2	4	
BLRI0140	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-09/15/71	1	7	
BLRI0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	1	7	
BLRI0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	1	7	
BLRI0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-10/22/74	4	8	
BLRI0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	1	7	
BLRI0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	0	1	
BLRI0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	1	7	
BLRI0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	1	7	
BLRI0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	0	5	
BLRI0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-06/20/73	3	6	
BLRI0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-11/25/86	4	71	
BLRI0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/86-05/07/86	0	1	
BLRI0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-12/20/94	24	67	
BLRI0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	7	81	
BLRI0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/82-05/05/83	0	8	
BLRI0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/86-05/07/86	0	1	
BLRI0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	15	176	
BLRI0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/73-10/04/73	0	6	
BLRI0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-08/19/91	5	61	
BLRI0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/19/87-07/19/88	1	12	
BLRI0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-03/30/81	11	45	
BLRI0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-10/03/74	5	19	
BLRI0167	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-10/03/74	5	19	
BLRI0168	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	4	17	
BLRI0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	4	17	
BLRI0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	4	17	
BLRI0171	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	4	17	
BLRI0172	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	4	18	
BLRI0173	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/71-04/02/75	4	7	
BLRI0174	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/71-06/12/72	1	3	
BLRI0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-04/02/75	4	7	
BLRI0176	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/67-10/18/67	0	1	
BLRI0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-04/02/75	3	15	
BLRI0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-04/02/75	4	7	
BLRI0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-09/27/72	4	18	
BLRI0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-04/03/75	3	10	
BLRI0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/68-09/08/75	7	18	
BLRI0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/85-07/10/85	0	4	
BLRI0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/72-04/03/75	2	7	
BLRI0184	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-09/26/73	2	9	
BLRI0185	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/72-04/03/75	2	7	
BLRI0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-01/03/82	4	22	
BLRI0187	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	7	57	
BLRI0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	7	57	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0189	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	7	57	
BLRI0190	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-01/03/82	4	22	
BLRI0191	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	7	57	
BLRI0192	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	7	57	
BLRI0193	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-07/10/85	0	1	
BLRI0194	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/68-08/01/68	0	6	
BLRI0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	25	165	
BLRI0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/85-07/16/85	0	1	
BLRI0198	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-10/03/77	3	3	
BLRI0199	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/81-08/31/81	0	10	
BLRI0201	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	0	1	
BLRI0202	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	100	
BLRI0203	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-09/29/86	0	1	
BLRI0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-11/20/86	0	7	
BLRI0205	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-09/29/86	0	1	
BLRI0206	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-11/20/86	0	8	
BLRI0207	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	0	1	
BLRI0208	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	0	1	
BLRI0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	1	18	
BLRI0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	0	1	
BLRI0214	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	1	31	
BLRI0216	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/83-05/03/83	0	17	
BLRI0217	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/75-03/26/75	0	3	
BLRI0218	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/70-10/09/70	0	1	
BLRI0222	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	1	28	
BLRI0224	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	13	101	
BLRI0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-06/01/88	14	40	
BLRI0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-05/25/67	2	17	
BLRI0227	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/68-07/23/68	0	1	
BLRI0228	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/68-07/23/68	0	1	
BLRI0229	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/85-07/02/85	0	2	
BLRI0230	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/31/90	0	5	
BLRI0233	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	0	5	
BLRI0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	1	24	
BLRI0239	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	0	5	
BLRI0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	1	19	
BLRI0243	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	0	12	
BLRI0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/74-04/25/74	0	10	
BLRI0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/68-12/28/76	8	22	
BLRI0246	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-10/05/70	0	4	
BLRI0247	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	1	21	
BLRI0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	9	116	
BLRI0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	9	113	
BLRI0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-12/28/76	11	41	
BLRI0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/74-02/14/75	0	4	
BLRI0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	0	1	
BLRI0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-08/21/68	3	35	
BLRI0261	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-02/07/75	2	8	
BLRI0262	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/71-09/07/72	0	5	
BLRI0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/72-01/15/75	2	17	
BLRI0265	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-02/07/75	2	7	
BLRI0266	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-08/06/80	15	39	
BLRI0267	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-09/11/73	1	6	
BLRI0269	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-03/30/77	3	5	
BLRI0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/67-05/26/67	0	9	
BLRI0283	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/70-03/11/72	2	9	
BLRI0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/83-09/22/83	0	2	
BLRI0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/83-09/22/83	0	2	
BLRI0288	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/85-06/30/85	0	2	
BLRI0289	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-09/21/72	2	18	
BLRI0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-05/25/76	6	23	
BLRI0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-10/23/68	1	14	
BLRI0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/85-06/30/85	0	2	
BLRI0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-06/22/72	2	15	
BLRI0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/73-05/05/75	1	17	
BLRI0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/70-05/24/76	6	24	
BLRI0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/70-05/24/76	6	18	
BLRI0300	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/85-07/15/85	0	4	
BLRI0301	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/91-10/17/94	3	35	
BLRI0302	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/85-07/15/85	0	1	
BLRI0303	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/83-12/03/86	3	86	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0304	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/84-11/25/84	0	1	
BLRI0305	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-11/14/74	3	9	
BLRI0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/90-08/24/93	3	48	
BLRI0309	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-11/14/74	3	9	
BLRI0311	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/68-11/14/74	6	13	
BLRI0313	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/68-03/24/69	0	8	
BLRI0315	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/90-08/24/93	3	89	
BLRI0317	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-03/24/69	4	16	
BLRI0318	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/85-07/09/85	0	4	
BLRI0319	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/85-07/09/85	0	1	
BLRI0320	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-05/27/67	0	9	
BLRI0321	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-03/24/69	2	17	
BLRI0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	0	1	
BLRI0323	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	0	1	
BLRI0324	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/85-07/16/85	0	2	
BLRI0325	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/81-03/26/82	0	3	
BLRI0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	0	1	
BLRI0327	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/85-07/16/85	0	4	
BLRI0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	0	9	
BLRI0329	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	0	10	
BLRI0330	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	0	10	
BLRI0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	0	8	
BLRI0332	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	0	8	
BLRI0333	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-10/03/77	3	3	
BLRI0334	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	0	8	
BLRI0335	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-03/24/76	7	16	
BLRI0336	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-01/29/75	6	15	
BLRI0074	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/11/80-02/19/81	0	4	
BLRI0081	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/04/85-08/04/85	0	1	
BLRI0085	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/11/74-11/16/76	2	23	
BLRI0088	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/11/80-02/19/81	0	3	
BLRI0186	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0187	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0188	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0189	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0190	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0191	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0192	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	0	1	
BLRI0199	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/29/75-06/21/78	3	41	
BLRI0268	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	3	55	
BLRI0278	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-09/09/76	0	12	
BLRI0279	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-09/09/76	0	12	
BLRI0280	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-03/26/79	2	30	
BLRI0290	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/30/76-03/26/79	2	21	
BLRI0291	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	3	56	
BLRI0296	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/30/76-03/26/79	2	21	
BLRI0298	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/72-03/26/79	6	20	
BLRI0315	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/03/92-08/03/92	0	1	
BLRI0039	No	00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	0	1	
BLRI0041	No	00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	0	1	
BLRI0052	No	00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	0	1	
BLRI0069	No	00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/18/73	0	2	
BLRI0089	No	00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	09/18/73-09/20/73	0	2	
BLRI0279	No	00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	09/21/79-09/21/79	0	1	
BLRI0091	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-05/16/86	3	24	
BLRI0115	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/78-03/08/78	0	1	
BLRI0136	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/85-07/24/89	4	9	
BLRI0137	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/70-11/03/71	1	2	
BLRI0157	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/04/85-09/25/90	5	34	
BLRI0161	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	13	153	
BLRI0163	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/86-08/19/91	5	61	
BLRI0164	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/87-09/06/87	0	7	
BLRI0179	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/14/70-09/27/72	2	7	
BLRI0186	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-01/03/82	1	19	
BLRI0187	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	3	53	
BLRI0188	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	3	53	
BLRI0189	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	3	53	
BLRI0190	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-01/03/82	1	19	
BLRI0191	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	3	53	
BLRI0192	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	3	53	
BLRI0196	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	13	155	
BLRI0199	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/81-08/31/81	0	10	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0201	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/86-09/30/86	0	1	
BLRI0202	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	98	
BLRI0203	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-09/29/86	0	1	
BLRI0204	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-11/20/86	0	6	
BLRI0205	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-09/29/86	0	1	
BLRI0206	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-11/20/86	0	6	
BLRI0224	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	8	93	
BLRI0225	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/87-09/06/87	0	7	
BLRI0249	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	9	113	
BLRI0251	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	9	112	
BLRI0257	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/87-06/01/87	0	1	
BLRI0301	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-10/17/94	3	35	
BLRI0081	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/04/85-08/04/85	0	1	
BLRI0071	No	00023	SAMPLE WEIGHT IN POUNDS	06/26/90-06/26/90	0	3	
BLRI0335	No	00023	SAMPLE WEIGHT IN POUNDS	07/29/68-01/29/75	6	15	
BLRI0336	No	00023	SAMPLE WEIGHT IN POUNDS	07/29/68-01/29/75	6	15	
BLRI0071	No	00024	SAMPLE LENGTH IN INCHES	06/26/90-06/26/90	0	3	
BLRI0091	No	00025	BAROMETRIC PRESSURE (MM OF HG)	02/28/83-05/16/86	3	25	
BLRI0164	No	00025	BAROMETRIC PRESSURE (MM OF HG)	01/19/87-07/19/88	1	11	
BLRI0204	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/13/86-11/20/86	0	6	
BLRI0206	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/13/86-10/13/86	0	1	
BLRI0225	No	00025	BAROMETRIC PRESSURE (MM OF HG)	01/19/87-06/01/88	1	15	
BLRI0091	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/07/81-05/16/86	4	37	
BLRI0096	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/05/92-11/05/92	0	2	
BLRI0115	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/14/75-01/14/75	0	1	
BLRI0164	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/27/86-08/24/88	2	90	
BLRI0195	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/82-01/04/82	0	1	
BLRI0201	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/30/86-09/30/86	0	1	
BLRI0203	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/29/86-09/29/86	0	1	
BLRI0204	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/29/86-11/20/86	0	7	
BLRI0205	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/29/86-09/29/86	0	1	
BLRI0206	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/29/86-11/20/86	0	8	
BLRI0207	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/30/86-09/30/86	0	1	
BLRI0208	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/30/86-09/30/86	0	1	
BLRI0225	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/22/76-08/30/88	12	44	
BLRI0235	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/06/86-01/19/88	1	40	
BLRI0254	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/05/86-11/10/87	1	51	
BLRI0257	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/05/86-11/09/87	1	50	
BLRI0269	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/22/76-03/30/77	0	3	
BLRI0012	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/18/79-07/18/79	0	1	
BLRI0018	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/20/79-07/20/79	0	1	
BLRI0022	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/20/79-07/20/79	0	1	
BLRI0073	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/19/79-07/19/79	0	1	
BLRI0084	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/19/79-07/19/79	0	1	
BLRI0087	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/19/79-07/19/79	0	1	
BLRI0091	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/15/78-05/16/86	7	64	
BLRI0096	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/05/92-11/05/92	0	2	
BLRI0115	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/14/75-02/21/79	4	16	
BLRI0119	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/79-07/24/79	0	1	
BLRI0126	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/25/79-07/25/79	0	1	
BLRI0132	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/25/79-07/25/79	0	1	
BLRI0164	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/27/86-08/24/88	2	90	
BLRI0195	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/04/82-01/04/82	0	1	
BLRI0201	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/30/86-09/30/86	0	1	
BLRI0203	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/29/86-09/29/86	0	1	
BLRI0204	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/29/86-11/20/86	0	7	
BLRI0205	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/29/86-09/29/86	0	1	
BLRI0206	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/29/86-11/20/86	0	8	
BLRI0207	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/30/86-09/30/86	0	1	
BLRI0208	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/30/86-09/30/86	0	1	
BLRI0225	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/17/79-08/30/88	8	66	
BLRI0235	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/06/86-01/19/88	1	40	
BLRI0254	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/05/86-11/10/87	1	51	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0257	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/05/86-11/09/87	1	50	
BLRI0134	No	00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	7	83	
BLRI0135	No	00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	6	48	
BLRI0136	No	00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	13	104	
BLRI0145	No	00032	CLOUD COVER (PERCENT)	10/22/74-10/22/74	0	1	
BLRI0152	No	00032	CLOUD COVER (PERCENT)	06/20/73-06/20/73	0	1	
BLRI0157	No	00032	CLOUD COVER (PERCENT)	06/20/73-12/20/94	21	61	
BLRI0158	No	00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	7	80	
BLRI0161	No	00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	15	174	
BLRI0163	No	00032	CLOUD COVER (PERCENT)	05/15/86-08/19/91	5	61	
BLRI0165	No	00032	CLOUD COVER (PERCENT)	06/04/73-03/30/81	7	29	
BLRI0166	No	00032	CLOUD COVER (PERCENT)	06/04/73-10/03/74	1	3	
BLRI0167	No	00032	CLOUD COVER (PERCENT)	06/04/73-10/03/74	1	3	
BLRI0168	No	00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	0	2	
BLRI0169	No	00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	0	2	
BLRI0170	No	00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	0	2	
BLRI0171	No	00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	0	2	
BLRI0172	No	00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	0	2	
BLRI0173	No	00032	CLOUD COVER (PERCENT)	01/16/74-04/02/75	1	3	
BLRI0175	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	1	4	
BLRI0177	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	1	13	
BLRI0178	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	1	4	
BLRI0180	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/03/75	1	7	
BLRI0183	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/03/75	1	6	
BLRI0184	No	00032	CLOUD COVER (PERCENT)	05/29/73-09/26/73	0	3	
BLRI0185	No	00032	CLOUD COVER (PERCENT)	06/19/73-04/03/75	1	6	
BLRI0196	No	00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	13	155	
BLRI0202	No	00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	9	95	
BLRI0217	No	00032	CLOUD COVER (PERCENT)	07/25/74-03/26/75	0	4	
BLRI0224	No	00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	8	91	
BLRI0233	No	00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	0	5	
BLRI0239	No	00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	0	5	
BLRI0243	No	00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	0	12	
BLRI0244	No	00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	0	14	
BLRI0249	No	00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	9	113	
BLRI0251	No	00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	9	111	
BLRI0255	No	00032	CLOUD COVER (PERCENT)	07/25/74-02/14/75	0	4	
BLRI0261	No	00032	CLOUD COVER (PERCENT)	06/06/73-02/07/75	1	6	
BLRI0264	No	00032	CLOUD COVER (PERCENT)	06/12/73-01/15/75	1	12	
BLRI0265	No	00032	CLOUD COVER (PERCENT)	06/06/73-02/07/75	1	5	
BLRI0267	No	00032	CLOUD COVER (PERCENT)	06/06/73-09/11/73	0	4	
BLRI0295	No	00032	CLOUD COVER (PERCENT)	11/20/73-05/05/75	1	17	
BLRI0301	No	00032	CLOUD COVER (PERCENT)	09/25/91-10/17/94	3	33	
BLRI0305	No	00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	1	5	
BLRI0309	No	00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	1	5	
BLRI0311	No	00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	1	4	
BLRI0329	No	00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	0	10	
BLRI0330	No	00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	0	10	
BLRI0332	No	00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	0	8	
BLRI0335	No	00032	CLOUD COVER (PERCENT)	06/21/73-03/24/76	2	7	
BLRI0336	No	00032	CLOUD COVER (PERCENT)	06/21/73-01/29/75	1	6	
BLRI0136	No	00035	WIND VELOCITY (MILES PER HOUR)	12/04/86-12/19/94	8	35	
BLRI0157	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-12/20/94	7	42	
BLRI0161	No	00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	7	68	
BLRI0163	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-06/11/91	4	51	
BLRI0196	No	00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	7	73	
BLRI0202	No	00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	7	62	
BLRI0224	No	00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	8	68	
BLRI0249	No	00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	7	76	
BLRI0251	No	00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	8	73	
BLRI0301	No	00035	WIND VELOCITY (MILES PER HOUR)	10/24/91-10/17/94	2	18	
BLRI0134	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/28/73-01/28/81	7	63	
BLRI0135	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/14/74-01/28/81	6	38	
BLRI0136	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/18/81-12/19/94	13	78	
BLRI0145	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/22/74-10/22/74	0	1	
BLRI0152	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/20/73-06/20/73	0	1	
BLRI0157	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/20/73-12/20/94	21	54	
BLRI0158	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/27/73-03/30/81	7	71	
BLRI0161	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/19/79-11/29/94	15	106	
BLRI0163	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	05/15/86-06/11/91	5	31	
BLRI0165	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-03/30/81	7	25	
BLRI0166	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-10/03/74	1	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0167	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-10/03/74	1	3	
BLRI0168	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-09/26/73	0	2	
BLRI0169	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-09/26/73	0	2	
BLRI0170	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-09/26/73	0	2	
BLRI0171	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-09/26/73	0	2	
BLRI0172	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/04/73-09/26/73	0	2	
BLRI0173	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/16/74-04/02/75	1	3	
BLRI0175	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/02/75	1	4	
BLRI0177	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/02/75	1	13	
BLRI0178	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/02/75	1	4	
BLRI0180	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/03/75	1	6	
BLRI0183	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/03/75	1	6	
BLRI0184	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	05/29/73-09/26/73	0	3	
BLRI0185	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/19/73-04/03/75	1	6	
BLRI0196	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/21/81-12/15/94	13	89	
BLRI0202	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/29/85-12/15/94	9	64	
BLRI0217	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/25/74-03/26/75	0	4	
BLRI0224	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/27/86-01/12/95	8	51	
BLRI0233	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/04/74-04/25/74	0	5	
BLRI0239	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/04/74-04/25/74	0	5	
BLRI0243	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/04/74-04/25/74	0	12	
BLRI0244	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/04/74-04/25/74	0	14	
BLRI0249	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/10/85-01/05/95	9	77	
BLRI0251	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/15/85-01/05/95	9	68	
BLRI0255	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/25/74-02/14/75	0	4	
BLRI0261	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/06/73-02/07/75	1	6	
BLRI0264	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/12/73-01/15/75	1	12	
BLRI0265	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/06/73-02/07/75	1	5	
BLRI0267	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/06/73-09/11/73	0	4	
BLRI0295	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/20/73-05/05/75	1	16	
BLRI0301	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/24/91-10/17/94	2	10	
BLRI0305	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/14/73-11/14/74	1	4	
BLRI0309	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/14/73-11/14/74	1	4	
BLRI0311	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/14/73-11/14/74	1	4	
BLRI0329	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/13/74-02/24/75	0	9	
BLRI0330	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/18/74-02/24/75	0	8	
BLRI0332	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/13/74-02/24/75	0	7	
BLRI0335	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/21/73-03/24/76	2	6	
BLRI0336	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/21/73-01/29/75	1	5	
BLRI0134	No	00037	WIND FORCE (BEAUFORT UNITS)	11/28/73-01/28/81	7	71	
BLRI0135	No	00037	WIND FORCE (BEAUFORT UNITS)	10/22/74-01/28/81	6	43	
BLRI0136	No	00037	WIND FORCE (BEAUFORT UNITS)	02/19/81-10/28/86	5	55	
BLRI0140	No	00037	WIND FORCE (BEAUFORT UNITS)	07/17/73-07/17/73	0	1	
BLRI0142	No	00037	WIND FORCE (BEAUFORT UNITS)	07/17/73-07/17/73	0	1	
BLRI0145	No	00037	WIND FORCE (BEAUFORT UNITS)	10/22/74-10/22/74	0	1	
BLRI0152	No	00037	WIND FORCE (BEAUFORT UNITS)	06/20/73-06/20/73	0	1	
BLRI0157	No	00037	WIND FORCE (BEAUFORT UNITS)	06/20/73-11/25/86	13	19	
BLRI0158	No	00037	WIND FORCE (BEAUFORT UNITS)	11/27/73-03/30/81	7	76	
BLRI0161	No	00037	WIND FORCE (BEAUFORT UNITS)	03/19/79-11/25/86	7	89	
BLRI0163	No	00037	WIND FORCE (BEAUFORT UNITS)	05/15/86-11/25/86	0	7	
BLRI0165	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-03/30/81	7	27	
BLRI0166	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-10/03/74	1	3	
BLRI0167	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-10/03/74	1	3	
BLRI0168	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-09/26/73	0	2	
BLRI0169	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-09/26/73	0	2	
BLRI0170	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-09/26/73	0	2	
BLRI0171	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-09/26/73	0	2	
BLRI0172	No	00037	WIND FORCE (BEAUFORT UNITS)	06/04/73-09/26/73	0	2	
BLRI0173	No	00037	WIND FORCE (BEAUFORT UNITS)	01/16/74-04/02/75	1	3	
BLRI0175	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/02/75	1	4	
BLRI0177	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/02/75	1	13	
BLRI0178	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/02/75	1	4	
BLRI0180	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/03/75	1	7	
BLRI0183	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/03/75	1	6	
BLRI0184	No	00037	WIND FORCE (BEAUFORT UNITS)	05/29/73-09/26/73	0	3	
BLRI0185	No	00037	WIND FORCE (BEAUFORT UNITS)	06/19/73-04/03/75	1	6	
BLRI0196	No	00037	WIND FORCE (BEAUFORT UNITS)	04/21/81-11/20/86	5	65	
BLRI0202	No	00037	WIND FORCE (BEAUFORT UNITS)	01/24/85-11/20/86	1	20	
BLRI0217	No	00037	WIND FORCE (BEAUFORT UNITS)	07/25/74-03/26/75	0	4	
BLRI0224	No	00037	WIND FORCE (BEAUFORT UNITS)	03/27/86-11/26/86	0	9	
BLRI0233	No	00037	WIND FORCE (BEAUFORT UNITS)	04/04/74-04/25/74	0	5	
BLRI0239	No	00037	WIND FORCE (BEAUFORT UNITS)	04/04/74-04/25/74	0	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0243	No	00037	WIND FORCE (BEAUFORT UNITS)	04/04/74-04/25/74	0	12	
BLRI0244	No	00037	WIND FORCE (BEAUFORT UNITS)	04/04/74-04/25/74	0	14	
BLRI0249	No	00037	WIND FORCE (BEAUFORT UNITS)	01/10/85-11/26/86	1	24	
BLRI0251	No	00037	WIND FORCE (BEAUFORT UNITS)	01/15/85-11/26/86	1	22	
BLRI0255	No	00037	WIND FORCE (BEAUFORT UNITS)	07/25/74-02/14/75	0	4	
BLRI0261	No	00037	WIND FORCE (BEAUFORT UNITS)	06/06/73-02/07/75	1	6	
BLRI0264	No	00037	WIND FORCE (BEAUFORT UNITS)	06/12/73-01/15/75	1	12	
BLRI0265	No	00037	WIND FORCE (BEAUFORT UNITS)	06/06/73-02/07/75	1	5	
BLRI0267	No	00037	WIND FORCE (BEAUFORT UNITS)	06/06/73-09/11/73	0	4	
BLRI0295	No	00037	WIND FORCE (BEAUFORT UNITS)	11/20/73-05/05/75	1	17	
BLRI0305	No	00037	WIND FORCE (BEAUFORT UNITS)	06/14/73-11/14/74	1	5	
BLRI0309	No	00037	WIND FORCE (BEAUFORT UNITS)	06/14/73-11/14/74	1	5	
BLRI0311	No	00037	WIND FORCE (BEAUFORT UNITS)	06/14/73-11/14/74	1	4	
BLRI0329	No	00037	WIND FORCE (BEAUFORT UNITS)	08/13/74-02/24/75	0	10	
BLRI0330	No	00037	WIND FORCE (BEAUFORT UNITS)	08/13/74-02/24/75	0	10	
BLRI0332	No	00037	WIND FORCE (BEAUFORT UNITS)	08/13/74-02/24/75	0	8	
BLRI0335	No	00037	WIND FORCE (BEAUFORT UNITS)	06/21/73-03/24/76	2	7	
BLRI0336	No	00037	WIND FORCE (BEAUFORT UNITS)	06/21/73-01/29/75	1	6	
BLRI0014	No	00040	WIND DIRECTION, AZIMUTH	09/28/82-09/28/82	0	1	
BLRI0280	No	00040	WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	0	2	
BLRI0281	No	00040	WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	0	2	
BLRI0282	No	00040	WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	0	2	
BLRI0284	No	00040	WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	0	2	
BLRI0005	No	00041	WEATHER (WMO CODE 4501)	07/07/68-03/01/79	10	99	
BLRI0014	No	00041	WEATHER (WMO CODE 4501)	05/17/74-09/13/95	21	205	
BLRI0017	No	00041	WEATHER (WMO CODE 4501)	07/30/91-10/12/95	4	18	
BLRI0030	No	00041	WEATHER (WMO CODE 4501)	09/05/78-08/15/94	15	14	
BLRI0038	No	00041	WEATHER (WMO CODE 4501)	06/20/68-10/18/95	27	326	
BLRI0042	No	00041	WEATHER (WMO CODE 4501)	09/22/88-09/05/95	6	39	
BLRI0043	No	00041	WEATHER (WMO CODE 4501)	11/20/74-06/18/79	4	49	
BLRI0048	No	00041	WEATHER (WMO CODE 4501)	09/22/88-09/05/95	6	38	
BLRI0049	No	00041	WEATHER (WMO CODE 4501)	01/16/69-12/02/78	9	90	
BLRI0050	Yes	00041	WEATHER (WMO CODE 4501)	11/20/74-06/18/79	4	43	
BLRI0055	No	00041	WEATHER (WMO CODE 4501)	09/30/69-10/18/95	26	352	
BLRI0056	No	00041	WEATHER (WMO CODE 4501)	08/07/91-10/19/95	4	48	
BLRI0058	No	00041	WEATHER (WMO CODE 4501)	06/27/74-12/02/78	4	37	
BLRI0061	No	00041	WEATHER (WMO CODE 4501)	04/09/79-10/19/95	16	165	
BLRI0062	No	00041	WEATHER (WMO CODE 4501)	08/04/88-06/08/89	0	4	
BLRI0064	No	00041	WEATHER (WMO CODE 4501)	08/04/88-10/19/95	7	68	
BLRI0070	No	00041	WEATHER (WMO CODE 4501)	04/23/70-12/02/78	8	76	
BLRI0071	No	00041	WEATHER (WMO CODE 4501)	03/25/70-10/19/95	25	253	
BLRI0078	No	00041	WEATHER (WMO CODE 4501)	08/06/91-08/06/91	0	8	
BLRI0085	No	00041	WEATHER (WMO CODE 4501)	03/16/70-05/15/95	25	106	
BLRI0090	No	00041	WEATHER (WMO CODE 4501)	02/18/68-06/07/79	11	114	
BLRI0093	No	00041	WEATHER (WMO CODE 4501)	04/05/94-10/02/95	1	7	
BLRI0095	No	00041	WEATHER (WMO CODE 4501)	07/07/71-09/25/95	24	281	
BLRI0097	No	00041	WEATHER (WMO CODE 4501)	04/25/83-08/07/95	12	109	
BLRI0098	No	00041	WEATHER (WMO CODE 4501)	07/30/90-07/13/95	4	4	
BLRI0099	No	00041	WEATHER (WMO CODE 4501)	07/07/71-08/07/95	24	154	
BLRI0100	No	00041	WEATHER (WMO CODE 4501)	06/06/74-06/15/76	2	17	
BLRI0101	No	00041	WEATHER (WMO CODE 4501)	03/31/75-10/30/78	3	3	
BLRI0102	No	00041	WEATHER (WMO CODE 4501)	07/18/79-10/10/95	16	143	
BLRI0104	Yes	00041	WEATHER (WMO CODE 4501)	04/10/68-05/18/83	15	57	
BLRI0108	No	00041	WEATHER (WMO CODE 4501)	08/31/77-08/31/77	0	2	
BLRI0109	No	00041	WEATHER (WMO CODE 4501)	10/31/74-06/07/79	4	47	
BLRI0110	No	00041	WEATHER (WMO CODE 4501)	10/25/82-06/23/94	11	40	
BLRI0111	No	00041	WEATHER (WMO CODE 4501)	03/16/70-09/25/95	25	318	
BLRI0112	No	00041	WEATHER (WMO CODE 4501)	03/16/70-09/25/95	25	358	
BLRI0113	No	00041	WEATHER (WMO CODE 4501)	06/23/82-09/25/95	13	45	
BLRI0115	No	00041	WEATHER (WMO CODE 4501)	03/13/74-02/21/79	4	118	
BLRI0116	No	00041	WEATHER (WMO CODE 4501)	08/09/88-05/19/94	5	24	
BLRI0117	No	00041	WEATHER (WMO CODE 4501)	06/09/82-05/24/83	0	37	
BLRI0122	No	00041	WEATHER (WMO CODE 4501)	04/28/92-09/11/95	3	115	
BLRI0124	No	00041	WEATHER (WMO CODE 4501)	04/28/92-09/11/95	3	115	
BLRI0133	No	00041	WEATHER (WMO CODE 4501)	08/10/93-08/10/93	0	3	
BLRI0161	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	03/06/84-03/06/84	0	1	
BLRI0134	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	7	81	
BLRI0135	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	6	48	
BLRI0136	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	13	99	
BLRI0145	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-10/22/74	0	1	
BLRI0152	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-06/20/73	0	1	
BLRI0157	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-12/20/94	21	57	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0158	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	7	80	
BLRI0161	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	15	167	
BLRI0163	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	05/15/86-06/11/91	5	59	
BLRI0165	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-03/30/81	7	29	
BLRI0166	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-10/03/74	1	3	
BLRI0167	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-10/03/74	1	3	
BLRI0168	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	0	2	
BLRI0169	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	0	2	
BLRI0170	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	0	2	
BLRI0171	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	0	2	
BLRI0172	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	0	2	
BLRI0173	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/16/74-04/02/75	1	3	
BLRI0175	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	1	4	
BLRI0177	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	1	13	
BLRI0178	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	1	4	
BLRI0180	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/03/75	1	7	
BLRI0183	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/03/75	1	6	
BLRI0184	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	05/29/73-09/26/73	0	3	
BLRI0185	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/03/75	1	6	
BLRI0196	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	13	146	
BLRI0202	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	9	91	
BLRI0217	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	07/25/74-03/26/75	0	4	
BLRI0224	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	8	90	
BLRI0233	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	0	4	
BLRI0239	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	0	4	
BLRI0243	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	0	10	
BLRI0244	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	0	11	
BLRI0249	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	9	109	
BLRI0251	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	9	103	
BLRI0255	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	07/25/74-02/14/75	0	4	
BLRI0261	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-02/07/75	1	6	
BLRI0264	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/12/73-01/15/75	1	12	
BLRI0265	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-02/07/75	1	5	
BLRI0267	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-09/11/73	0	4	
BLRI0278	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/24/77-04/24/77	0	84	
BLRI0279	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	4	691	
BLRI0280	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/06/77-11/12/77	0	159	
BLRI0281	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	4	780	
BLRI0282	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	4	751	
BLRI0284	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	4	693	
BLRI0295	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/20/73-05/05/75	1	16	
BLRI0301	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	09/25/91-10/17/94	3	29	
BLRI0305	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	1	5	
BLRI0309	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	1	5	
BLRI0311	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	1	4	
BLRI0329	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	0	10	
BLRI0330	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	0	10	
BLRI0332	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	0	8	
BLRI0335	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/21/73-03/24/76	2	7	
BLRI0336	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/21/73-01/29/75	1	6	
BLRI0137	No	00049	SURFACE AREA IN SQUARE MILES	05/12/55-07/24/62	7	8	
BLRI0179	No	00049	SURFACE AREA IN SQUARE MILES	10/23/56-10/10/57	0	3	
BLRI0195	No	00049	SURFACE AREA IN SQUARE MILES	10/10/57-04/19/62	4	8	
BLRI0220	No	00049	SURFACE AREA IN SQUARE MILES	11/06/57-04/04/58	0	2	
BLRI0225	No	00049	SURFACE AREA IN SQUARE MILES	11/02/56-05/04/62	5	10	
BLRI0246	No	00049	SURFACE AREA IN SQUARE MILES	11/06/57-05/04/62	4	8	
BLRI0263	Yes	00049	SURFACE AREA IN SQUARE MILES	10/17/56-09/14/62	5	50	
BLRI0312	No	00049	SURFACE AREA IN SQUARE MILES	09/10/54-05/04/61	6	9	
BLRI0275	No	00053	SURFACE AREA, ACRES	09/28/81-09/28/81	0	1	
BLRI0284	No	00054	RESERVOIR STORAGE - ACRE FEET	07/13/77-07/13/77	0	1	
BLRI0128	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/24/79-07/24/79	0	1	
BLRI0009	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/67-06/23/67	0	3	
BLRI0011	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/04/30-09/04/30	0	1	
BLRI0015	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/29/54-05/21/69	14	3	
BLRI0031	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/13/81-09/20/84	3	180	
BLRI0039	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/24/73-10/18/73	0	3	
BLRI0040	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/23/73-05/23/73	0	1	
BLRI0041	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/23/73-10/18/73	0	2	
BLRI0045	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/07/52-06/20/68	15	4	
BLRI0052	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/23/73-10/18/73	0	3	
BLRI0053	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/67-10/14/68	0	16	
BLRI0060	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/07/45-05/07/45	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0069	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/18/73	0	2	
BLRI0072	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/67-09/12/68	0	14	
BLRI0089	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/73-09/20/73	0	3	
BLRI0091	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	7	225	
BLRI0102	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/15/79-09/24/81	1	22	
BLRI0104	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-05/02/74	3	37	
BLRI0106	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/05/45-02/18/69	23	8	
BLRI0112	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	10	133	
BLRI0115	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	48	133	S
BLRI0134	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/10/74-05/15/75	1	13	
BLRI0137	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/28/68-02/21/73	4	19	
BLRI0139	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/02/72-07/23/73	0	2	
BLRI0158	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/09/74-05/06/75	1	12	
BLRI0165	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-05/13/75	4	26	
BLRI0166	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	3	12	
BLRI0167	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	3	14	
BLRI0168	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	3	14	
BLRI0169	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/27/70-09/26/73	2	13	
BLRI0170	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	3	12	
BLRI0171	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/27/70-09/26/73	2	12	
BLRI0172	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	3	15	
BLRI0179	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/25/68-05/14/73	4	21	
BLRI0184	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/17/72-10/30/72	0	4	
BLRI0195	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/60-04/19/62	1	4	
BLRI0246	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/05/70-10/05/70	0	1	
BLRI0262	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	15	55	
BLRI0283	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/20/70-03/11/72	2	9	
BLRI0289	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-09/21/72	2	18	
BLRI0290	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-01/31/73	2	19	
BLRI0294	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-06/22/72	2	16	
BLRI0295	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/06/74-02/10/75	1	8	
BLRI0296	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/17/70-03/29/73	2	19	
BLRI0298	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/20/70-01/31/73	3	12	
BLRI0312	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/10/54-09/10/54	0	1	
BLRI0335	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/29/68-06/18/70	1	5	
BLRI0336	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/29/68-06/18/70	1	5	
BLRI0031	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/81-03/21/83	1	4	
BLRI0032	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/84-12/04/84	0	1	
BLRI0091	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/76-05/16/86	9	84	
BLRI0102	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	0	12	
BLRI0104	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	0	12	
BLRI0110	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	0	8	
BLRI0111	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	0	10	
BLRI0112	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/14/89-02/14/89	0	1	
BLRI0113	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/82-05/11/83	0	7	
BLRI0115	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	4	104	
BLRI0117	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/07/82-05/24/83	0	53	
BLRI0134	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/75-01/28/81	5	31	
BLRI0135	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/27/79-01/28/81	1	12	
BLRI0136	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	12	91	
BLRI0137	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/55-09/22/79	24	34	
BLRI0157	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/81-01/08/92	10	13	
BLRI0158	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/76-03/30/81	5	24	
BLRI0161	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	13	120	
BLRI0163	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/15/86-09/27/88	2	19	
BLRI0164	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/27/86-08/24/88	2	90	
BLRI0165	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/15/76-03/30/81	4	12	
BLRI0179	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/56-10/10/57	0	3	
BLRI0181	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/10/68-09/08/75	7	17	
BLRI0194	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/10/68-08/01/68	0	6	
BLRI0195	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/10/57-01/04/82	24	47	
BLRI0196	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	12	128	
BLRI0201	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	0	1	
BLRI0202	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/26/85-10/20/92	7	45	
BLRI0204	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-11/20/86	0	7	
BLRI0205	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-09/29/86	0	1	
BLRI0206	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-11/20/86	0	8	
BLRI0207	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	0	1	
BLRI0208	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	0	1	
BLRI0219	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/05/77-08/29/77	0	5	
BLRI0220	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-04/04/58	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0224	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	7	74	
BLRI0225	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	31	103	
BLRI0226	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-05/25/67	2	17	
BLRI0235	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/06/86-01/19/88	1	40	
BLRI0245	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-12/28/76	1	16	
BLRI0246	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-11/26/79	22	40	
BLRI0249	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	8	96	
BLRI0251	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-10/20/86	1	21	
BLRI0252	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	11	29	
BLRI0254	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/86-11/10/87	1	51	
BLRI0257	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/86-09/24/87	1	49	
BLRI0260	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-08/21/68	3	14	
BLRI0263	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/56-11/26/79	23	27	
BLRI0266	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	11	35	
BLRI0270	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/67-05/26/67	0	9	
BLRI0292	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/20/68	1	11	
BLRI0312	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/10/56-05/04/61	4	8	
BLRI0313	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/68-07/22/68	0	4	
BLRI0317	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/05/65-07/22/68	3	12	
BLRI0320	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/27/67	0	9	
BLRI0321	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/20/68	1	11	
BLRI0335	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/76-03/24/76	0	1	
BLRI0061	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	11/25/80-11/25/80	0	1	
BLRI0136	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	11/14/85-11/14/85	0	1	
BLRI0235	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	11/10/87-11/10/87	0	1	
BLRI0002	No	00064	DEPTH OF STREAM, MEAN (FT)	03/28/86-04/11/86	0	2	
BLRI0003	No	00064	DEPTH OF STREAM, MEAN (FT)	03/28/86-04/11/86	0	2	
BLRI0033	No	00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/17/86	0	2	
BLRI0034	No	00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-03/31/86	0	1	
BLRI0036	No	00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/17/86	0	2	
BLRI0037	No	00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/15/86	0	2	
BLRI0136	No	00064	DEPTH OF STREAM, MEAN (FT)	02/21/83-03/06/84	1	2	
BLRI0156	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/07/86-05/07/86	0	1	
BLRI0157	No	00064	DEPTH OF STREAM, MEAN (FT)	02/05/87-09/25/90	3	15	
BLRI0160	No	00064	DEPTH OF STREAM, MEAN (FT)	05/07/86-05/07/86	0	1	
BLRI0161	No	00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	11	90	
BLRI0163	No	00064	DEPTH OF STREAM, MEAN (FT)	01/14/87-08/19/91	4	55	
BLRI0182	No	00064	DEPTH OF STREAM, MEAN (FT)	03/20/85-07/10/85	0	4	
BLRI0193	No	00064	DEPTH OF STREAM, MEAN (FT)	07/10/85-07/10/85	0	1	
BLRI0196	No	00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	11	92	
BLRI0197	No	00064	DEPTH OF STREAM, MEAN (FT)	07/16/85-07/16/85	0	1	
BLRI0202	No	00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	7	78	
BLRI0224	No	00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	8	87	
BLRI0229	No	00064	DEPTH OF STREAM, MEAN (FT)	04/30/85-07/02/85	0	2	
BLRI0249	No	00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	8	92	
BLRI0251	No	00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	8	89	
BLRI0288	No	00064	DEPTH OF STREAM, MEAN (FT)	04/28/85-06/30/85	0	2	
BLRI0293	No	00064	DEPTH OF STREAM, MEAN (FT)	04/28/85-06/30/85	0	2	
BLRI0300	No	00064	DEPTH OF STREAM, MEAN (FT)	03/26/85-07/15/85	0	4	
BLRI0301	No	00064	DEPTH OF STREAM, MEAN (FT)	09/25/91-10/17/94	3	35	
BLRI0302	No	00064	DEPTH OF STREAM, MEAN (FT)	07/15/85-07/15/85	0	1	
BLRI0318	No	00064	DEPTH OF STREAM, MEAN (FT)	03/26/85-07/09/85	0	4	
BLRI0319	No	00064	DEPTH OF STREAM, MEAN (FT)	07/09/85-07/09/85	0	1	
BLRI0324	No	00064	DEPTH OF STREAM, MEAN (FT)	04/22/85-07/16/85	0	2	
BLRI0327	No	00064	DEPTH OF STREAM, MEAN (FT)	03/25/85-07/16/85	0	4	
BLRI0028	No	00065	STAGE, STREAM (FEET)	01/19/83-07/01/85	2	31	
BLRI0031	No	00065	STAGE, STREAM (FEET)	09/03/82-08/30/85	2	32	
BLRI0081	No	00065	STAGE, STREAM (FEET)	08/04/85-08/04/85	0	1	
BLRI0091	No	00065	STAGE, STREAM (FEET)	04/20/83-04/15/86	2	11	
BLRI0134	No	00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	7	56	
BLRI0135	No	00065	STAGE, STREAM (FEET)	05/11/71-01/28/81	9	21	
BLRI0136	No	00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	12	93	
BLRI0139	No	00065	STAGE, STREAM (FEET)	08/02/72-07/23/73	0	2	
BLRI0140	No	00065	STAGE, STREAM (FEET)	05/11/71-09/15/71	0	3	
BLRI0142	No	00065	STAGE, STREAM (FEET)	05/11/71-09/15/71	0	3	
BLRI0143	Yes	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	3	
BLRI0144	No	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	3	
BLRI0145	No	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	3	
BLRI0146	No	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	3	
BLRI0148	No	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	3	
BLRI0149	No	00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	0	2	
BLRI0152	No	00065	STAGE, STREAM (FEET)	04/20/71-06/20/73	2	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0157	No	00065	STAGE, STREAM (FEET)	04/20/71-01/08/92	20	27	
BLRI0158	No	00065	STAGE, STREAM (FEET)	11/27/73-03/30/81	7	49	
BLRI0161	No	00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	13	131	
BLRI0163	No	00065	STAGE, STREAM (FEET)	05/15/86-07/11/91	5	40	
BLRI0164	No	00065	STAGE, STREAM (FEET)	01/19/87-08/24/88	1	82	
BLRI0165	No	00065	STAGE, STREAM (FEET)	06/23/70-03/30/81	10	38	
BLRI0166	No	00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	3	12	
BLRI0167	No	00065	STAGE, STREAM (FEET)	06/23/70-10/03/74	4	15	
BLRI0168	No	00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	3	14	
BLRI0169	No	00065	STAGE, STREAM (FEET)	10/27/70-09/26/73	2	13	
BLRI0170	No	00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	3	12	
BLRI0171	No	00065	STAGE, STREAM (FEET)	10/27/70-09/26/73	2	12	
BLRI0172	No	00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	3	15	
BLRI0173	No	00065	STAGE, STREAM (FEET)	04/02/75-04/02/75	0	1	
BLRI0175	No	00065	STAGE, STREAM (FEET)	06/19/73-04/02/75	1	4	
BLRI0177	No	00065	STAGE, STREAM (FEET)	06/19/73-10/31/74	1	10	
BLRI0178	No	00065	STAGE, STREAM (FEET)	06/19/73-04/02/75	1	4	
BLRI0180	No	00065	STAGE, STREAM (FEET)	06/27/74-06/27/74	0	1	
BLRI0183	No	00065	STAGE, STREAM (FEET)	06/19/73-10/31/74	1	4	
BLRI0184	No	00065	STAGE, STREAM (FEET)	07/06/72-09/26/73	1	6	
BLRI0185	No	00065	STAGE, STREAM (FEET)	06/19/73-10/31/74	1	4	
BLRI0187	No	00065	STAGE, STREAM (FEET)	02/10/78-11/14/83	5	37	
BLRI0188	No	00065	STAGE, STREAM (FEET)	12/14/81-03/12/84	2	19	
BLRI0189	No	00065	STAGE, STREAM (FEET)	09/21/81-06/25/84	2	39	
BLRI0191	No	00065	STAGE, STREAM (FEET)	11/19/80-06/25/84	3	51	
BLRI0192	No	00065	STAGE, STREAM (FEET)	11/19/80-03/12/84	3	50	
BLRI0196	No	00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	12	129	
BLRI0201	No	00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	0	1	
BLRI0202	No	00065	STAGE, STREAM (FEET)	04/24/85-10/20/92	7	49	
BLRI0203	No	00065	STAGE, STREAM (FEET)	09/29/86-09/29/86	0	1	
BLRI0204	No	00065	STAGE, STREAM (FEET)	09/29/86-11/20/86	0	7	
BLRI0205	No	00065	STAGE, STREAM (FEET)	09/29/86-09/29/86	0	1	
BLRI0206	No	00065	STAGE, STREAM (FEET)	09/29/86-11/20/86	0	8	
BLRI0207	No	00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	0	1	
BLRI0208	No	00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	0	1	
BLRI0224	No	00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	7	76	
BLRI0225	No	00065	STAGE, STREAM (FEET)	01/19/87-08/30/88	1	26	
BLRI0233	No	00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	0	4	
BLRI0235	No	00065	STAGE, STREAM (FEET)	10/03/86-01/19/88	1	37	
BLRI0239	No	00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	0	4	
BLRI0243	No	00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	0	5	
BLRI0244	No	00065	STAGE, STREAM (FEET)	04/17/74-04/25/74	0	3	
BLRI0249	No	00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	8	97	
BLRI0251	No	00065	STAGE, STREAM (FEET)	01/15/85-08/15/91	6	28	
BLRI0254	No	00065	STAGE, STREAM (FEET)	10/01/86-11/10/87	1	49	
BLRI0255	No	00065	STAGE, STREAM (FEET)	07/25/74-02/14/75	0	3	
BLRI0257	No	00065	STAGE, STREAM (FEET)	08/05/86-11/09/87	1	43	
BLRI0261	No	00065	STAGE, STREAM (FEET)	06/06/73-07/25/74	1	5	
BLRI0267	No	00065	STAGE, STREAM (FEET)	06/06/73-09/11/73	0	4	
BLRI0272	No	00065	STAGE, STREAM (FEET)	08/02/82-06/04/84	1	23	
BLRI0276	No	00065	STAGE, STREAM (FEET)	08/02/82-06/04/84	1	23	
BLRI0277	No	00065	STAGE, STREAM (FEET)	08/02/82-06/04/84	1	23	
BLRI0286	No	00065	STAGE, STREAM (FEET)	06/06/83-09/22/83	0	2	
BLRI0287	No	00065	STAGE, STREAM (FEET)	06/06/83-09/22/83	0	2	
BLRI0295	No	00065	STAGE, STREAM (FEET)	02/06/74-02/10/75	1	8	
BLRI0301	No	00065	STAGE, STREAM (FEET)	07/27/93-03/14/94	0	7	
BLRI0309	No	00065	STAGE, STREAM (FEET)	06/14/73-07/19/73	0	2	
BLRI0311	No	00065	STAGE, STREAM (FEET)	06/14/73-11/14/74	1	4	
BLRI0335	No	00065	STAGE, STREAM (FEET)	06/21/73-03/24/76	2	2	
BLRI0336	No	00065	STAGE, STREAM (FEET)	06/21/73-06/21/73	0	1	
BLRI0014	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	12/11/79-12/11/79	0	1	
BLRI0112	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	12/22/86-12/07/87	0	2	
BLRI0005	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/18/71-07/20/71	0	4	
BLRI0008	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	0	2	
BLRI0014	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/02/88-04/20/92	3	26	
BLRI0017	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/92-02/25/92	0	1	
BLRI0038	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/05/88-06/18/92	3	43	
BLRI0039	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/73-10/18/73	0	3	
BLRI0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-05/23/73	0	1	
BLRI0041	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-10/18/73	0	3	
BLRI0042	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/91-02/25/91	0	1	
BLRI0048	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/91-02/25/91	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0049	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-07/19/71	0	4	
BLRI0052	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-10/18/73	0	3	
BLRI0055	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-06/18/92	21	45	
BLRI0056	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/07/91-04/15/92	0	8	
BLRI0061	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-04/15/92	3	24	
BLRI0062	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-06/08/89	0	2	
BLRI0064	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-04/15/92	3	22	
BLRI0069	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/16/73-10/18/73	0	2	
BLRI0071	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-04/15/92	20	28	
BLRI0074	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/11/80-08/13/80	0	3	
BLRI0085	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-07/26/71	0	4	
BLRI0088	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/11/80-07/11/80	0	2	
BLRI0089	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/22/73-09/20/73	0	3	
BLRI0090	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-06/16/71	0	3	
BLRI0095	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/88-06/25/92	3	37	
BLRI0096	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/18/70-12/27/73	3	7	
BLRI0097	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/17/88-10/02/89	0	7	
BLRI0099	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/17/88-10/02/89	0	7	
BLRI0102	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/23/84-08/23/84	0	1	
BLRI0110	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/02/88-08/02/88	0	1	
BLRI0111	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	21	16	
BLRI0112	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	21	42	
BLRI0115	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	4	117	
BLRI0181	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/10/68-09/08/75	7	17	
BLRI0194	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/10/68-08/01/68	0	6	
BLRI0226	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-05/25/67	2	16	
BLRI0245	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/75-12/28/76	1	16	
BLRI0252	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-12/28/76	11	24	
BLRI0260	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-10/27/65	0	8	
BLRI0266	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-12/28/76	11	27	
BLRI0270	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/67-05/26/67	0	9	
BLRI0278	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/77-04/24/77	0	83	
BLRI0279	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/77-04/24/77	0	80	
BLRI0282	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/77-04/23/77	0	1	
BLRI0283	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/20/70-03/11/72	2	8	
BLRI0289	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-06/22/72	2	17	
BLRI0290	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-10/30/73	3	19	
BLRI0292	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-10/23/68	1	12	
BLRI0294	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-06/22/72	2	16	
BLRI0296	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/17/70-06/22/72	2	15	
BLRI0298	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/20/70-03/11/72	2	8	
BLRI0313	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/01/68-03/24/69	0	8	
BLRI0317	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/05/65-03/24/69	4	16	
BLRI0320	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-05/27/67	0	9	
BLRI0321	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-03/24/69	2	17	
BLRI0328	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	0	9	
BLRI0331	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	0	8	
BLRI0334	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	0	8	
BLRI0286	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/06/83-09/22/83	0	2	
BLRI0287	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/06/83-09/22/83	0	2	
BLRI0014	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/94-09/13/95	1	15	
BLRI0017	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/22/94-04/27/95	0	4	
BLRI0024	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/79-01/11/80	0	57	
BLRI0025	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/79-01/11/80	0	109	
BLRI0026	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/79-01/11/80	0	13	
BLRI0027	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/79-01/11/80	0	13	
BLRI0028	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/82-08/30/85	3	38	
BLRI0030	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/15/94-08/15/94	0	1	
BLRI0031	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/81-08/30/85	4	184	
BLRI0032	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/29/83-12/04/84	1	2	
BLRI0038	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/94-08/16/95	1	13	
BLRI0055	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/94-08/16/95	1	13	
BLRI0056	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	1	15	
BLRI0061	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	1	15	
BLRI0064	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	1	15	
BLRI0071	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	1	15	
BLRI0095	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/94-09/25/95	1	13	
BLRI0097	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/94-08/07/95	0	6	
BLRI0098	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/95-07/13/95	0	1	
BLRI0099	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/94-08/07/95	0	5	
BLRI0111	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/94-09/25/95	1	14	
BLRI0112	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/94-09/25/95	1	14	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0122	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/05/94-09/05/95	1	38	
BLRI0124	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/05/94-09/05/95	1	36	
BLRI0134	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/28/73-01/28/81	7	15	
BLRI0135	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-01/28/81	7	10	
BLRI0136	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/81-12/19/94	13	64	
BLRI0140	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	0	1	
BLRI0142	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	0	1	
BLRI0144	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	0	1	
BLRI0145	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	0	1	
BLRI0157	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/85-12/20/94	9	48	
BLRI0158	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	7	52	
BLRI0161	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	15	163	
BLRI0163	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/86-08/19/91	5	62	
BLRI0164	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/06/87-01/20/88	0	7	
BLRI0165	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	7	18	
BLRI0173	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/74-01/16/74	0	1	
BLRI0175	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-08/16/73	0	3	
BLRI0177	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-10/31/74	1	10	
BLRI0178	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-08/16/73	0	3	
BLRI0180	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-10/31/74	1	4	
BLRI0183	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/31/74-10/31/74	0	1	
BLRI0184	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/22/73-09/26/73	0	2	
BLRI0185	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/31/74-10/31/74	0	1	
BLRI0186	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-01/03/82	1	19	
BLRI0187	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	3	55	
BLRI0188	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	3	55	
BLRI0189	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	3	55	
BLRI0190	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-01/03/82	1	19	
BLRI0191	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	3	55	
BLRI0192	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	3	55	
BLRI0196	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	13	126	
BLRI0202	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	9	88	
BLRI0211	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	1	2	
BLRI0214	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	1	2	
BLRI0217	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-07/25/74	0	1	
BLRI0222	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	1	2	
BLRI0224	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	8	95	
BLRI0225	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/87-01/21/88	0	13	
BLRI0230	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/31/90	0	1	
BLRI0233	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	0	4	
BLRI0237	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	1	2	
BLRI0239	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	0	4	
BLRI0241	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	1	2	
BLRI0243	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	0	4	
BLRI0244	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	0	4	
BLRI0247	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	1	2	
BLRI0249	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	9	70	
BLRI0251	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	9	97	
BLRI0255	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-07/25/74	0	1	
BLRI0261	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-02/07/75	0	2	
BLRI0264	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/74-12/19/74	0	5	
BLRI0265	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/07/75-02/07/75	0	1	
BLRI0279	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	4	564	
BLRI0280	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/77-11/12/77	0	166	
BLRI0281	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	4	653	
BLRI0282	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	4	648	
BLRI0284	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	4	567	
BLRI0295	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/20/73-12/17/74	1	12	
BLRI0301	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/25/91-10/17/94	3	35	
BLRI0305	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/73-11/14/74	1	5	
BLRI0306	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/01/90-08/24/93	3	11	
BLRI0309	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/73-11/14/74	1	5	
BLRI0311	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/74-11/14/74	0	1	
BLRI0315	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/01/90-08/24/93	3	10	
BLRI0329	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	0	3	
BLRI0330	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	0	3	
BLRI0332	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	0	3	
BLRI0335	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/16/74-12/10/74	0	2	
BLRI0336	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/16/74-12/10/74	0	2	
BLRI0081	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/04/85-08/04/85	0	1	
BLRI0030	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/05/78-08/15/94	15	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0097	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/94-08/07/95	1	5	
BLRI0098	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/95-07/13/95	0	1	
BLRI0099	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/94-08/07/95	1	5	
BLRI0147	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	0	1	
BLRI0211	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	1	2	
BLRI0212	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	0	1	
BLRI0214	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	1	2	
BLRI0222	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	1	2	
BLRI0230	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/31/90	0	1	
BLRI0233	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	0	4	
BLRI0237	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	1	2	
BLRI0239	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	0	4	
BLRI0241	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	1	2	
BLRI0243	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	0	8	
BLRI0244	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/18/74-04/25/74	0	6	
BLRI0247	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	1	2	
BLRI0304	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/25/84-11/25/84	0	1	
BLRI0306	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/01/90-08/24/93	3	7	
BLRI0315	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/01/90-08/24/93	3	7	
BLRI0002	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/28/86-04/11/86	0	2	
BLRI0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/28/86-04/11/86	0	2	
BLRI0011	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	4	2	
BLRI0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/91-12/15/92	1	21	
BLRI0015	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	4	2	
BLRI0017	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/10/92-02/18/93	0	4	
BLRI0018	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/20/79-07/20/79	0	1	
BLRI0033	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/17/86	0	2	
BLRI0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-03/31/86	0	1	
BLRI0036	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/17/86	0	2	
BLRI0037	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/15/86	0	2	
BLRI0038	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	6	70	
BLRI0039	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/24/73-10/18/73	0	3	
BLRI0040	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/23/73-05/23/73	0	1	
BLRI0041	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/23/73-10/18/73	0	3	
BLRI0045	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/07/52-06/20/68	15	4	
BLRI0052	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/23/73-10/18/73	0	3	
BLRI0053	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/67-10/14/68	0	16	
BLRI0055	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	6	72	
BLRI0056	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/07/91-11/09/92	1	15	
BLRI0060	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/07/45-05/07/45	0	1	
BLRI0061	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	1	21	
BLRI0064	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	1	20	
BLRI0069	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/16/73-10/18/73	0	2	
BLRI0071	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	1	21	
BLRI0072	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/67-09/12/68	0	14	
BLRI0073	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/27/74-07/19/79	4	2	
BLRI0089	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/73-09/20/73	0	3	
BLRI0091	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	17	340	
BLRI0095	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/21/91-02/24/93	1	19	
BLRI0096	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/18/70-12/27/73	3	7	
BLRI0106	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/05/45-02/18/69	23	8	
BLRI0111	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/91-02/24/93	1	19	
BLRI0112	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/21/91-02/24/93	1	21	
BLRI0115	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/01/29-03/24/68	38	53	
BLRI0119	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	4	2	
BLRI0120	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/03/72-02/03/72	0	1	
BLRI0121	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/03/72-02/03/72	0	1	
BLRI0126	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/25/79	4	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0132	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/25/79-07/25/79	0	1	
BLRI0137	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/55-02/21/73	17	23	
BLRI0147	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	0	1	
BLRI0150	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	0	1	
BLRI0153	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/07/86-05/07/86	0	1	
BLRI0159	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/28/82-05/05/83	0	2	
BLRI0160	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/07/86-05/07/86	0	1	
BLRI0161	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/22/80-09/23/80	0	5	
BLRI0163	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/15/86-03/30/89	2	5	
BLRI0164	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/87-01/20/88	0	7	
BLRI0179	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/56-05/14/73	16	12	
BLRI0181	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/10/68-09/08/75	7	15	
BLRI0182	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/20/85-07/10/85	0	4	
BLRI0193	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/10/85-07/10/85	0	1	
BLRI0194	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/10/68-08/01/68	0	6	
BLRI0195	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/57-04/19/62	4	7	
BLRI0197	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/16/85-07/16/85	0	1	
BLRI0198	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/73-08/08/74	0	2	
BLRI0212	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	0	1	
BLRI0216	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/03/83-05/03/83	0	1	
BLRI0220	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/06/57-04/04/58	0	2	
BLRI0224	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/30/86-08/31/88	2	8	
BLRI0225	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/02/56-01/21/88	31	43	S
BLRI0226	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-05/25/67	2	17	
BLRI0229	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/85-07/02/85	0	2	
BLRI0245	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/01/68-12/28/76	8	18	
BLRI0246	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/06/57-10/05/70	12	11	
BLRI0252	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-12/28/76	11	31	
BLRI0254	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/18/87-01/18/87	0	5	
BLRI0257	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/18/87-06/01/87	0	11	
BLRI0258	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	0	1	
BLRI0260	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-08/21/68	3	16	
BLRI0262	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	15	52	
BLRI0266	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-08/06/80	15	30	
BLRI0269	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/73-04/22/76	2	3	
BLRI0270	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/67-05/26/67	0	9	
BLRI0288	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/85-06/30/85	0	2	
BLRI0292	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-10/23/68	1	14	
BLRI0293	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/28/85-06/30/85	0	2	
BLRI0300	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/26/85-07/15/85	0	4	
BLRI0302	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/15/85-07/15/85	0	1	
BLRI0303	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/21/83-12/03/86	3	13	
BLRI0304	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/25/84-11/25/84	0	1	
BLRI0312	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/10/54-05/04/61	6	9	
BLRI0313	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/01/68-03/24/69	0	8	
BLRI0317	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-03/24/69	4	16	
BLRI0318	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/26/85-07/09/85	0	4	
BLRI0319	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/85-07/09/85	0	1	
BLRI0320	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-05/27/67	0	9	
BLRI0321	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-03/24/69	2	16	
BLRI0324	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/22/85-07/16/85	0	2	
BLRI0327	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/25/85-07/16/85	0	4	
BLRI0328	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	0	9	
BLRI0331	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	0	8	
BLRI0333	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/73-08/08/74	0	2	
BLRI0334	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	0	8	
BLRI0150	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	0	1	
BLRI0153	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-11/25/86	4	11	
BLRI0159	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/28/82-05/05/83	0	2	
BLRI0181	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/13/75-09/08/75	0	9	
BLRI0216	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/03/83-05/03/83	0	1	
BLRI0245	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/20/75-12/28/76	1	16	
BLRI0252	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/21/75-12/28/76	1	16	
BLRI0266	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/21/75-08/06/80	5	20	
BLRI0283	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/21/70-03/11/72	1	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0298	No	00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	05/21/70-01/31/73	2	5	
BLRI0303	No	00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	04/21/83-12/03/86	3	13	
BLRI0038	No	00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	08/18/93-08/18/93	0	1	
BLRI0055	No	00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	08/18/93-08/18/93	0	1	
BLRI0163	No	00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	11/25/86-06/29/89	2	11	
BLRI0202	No	00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	10/31/94-10/31/94	0	1	
BLRI0224	No	00082	COLOR, SPECTROPHOTO, WATER SMPL AT 7.6PH ADMI UNITS	06/30/87-06/21/89	1	9	
BLRI0038	No	00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	08/18/93-08/18/93	0	1	
BLRI0055	No	00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	08/18/93-08/18/93	0	1	
BLRI0163	No	00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	11/25/86-06/29/89	2	11	
BLRI0202	No	00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	10/31/94-10/31/94	0	1	
BLRI0224	No	00083	COLOR, SPECTROPHOTOMETRIC, FIL, WATER SPL ADMI UNITS	06/30/87-06/21/89	1	9	
BLRI0226	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-01/25/67	2	9	
BLRI0252	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/28/65	0	8	
BLRI0260	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/27/65	0	8	
BLRI0266	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/27/65	0	8	
BLRI0270	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/67-01/24/67	0	1	
BLRI0317	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/05/65-10/27/65	0	8	
BLRI0014	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	10	103	
BLRI0017	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/25/92-02/25/92	0	1	
BLRI0030	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/05/88-08/15/94	15	5	
BLRI0038	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	16	192	A
BLRI0042	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/88-09/05/95	6	26	
BLRI0048	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/88-09/05/95	6	24	
BLRI0055	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	16	193	A
BLRI0061	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	12	102	
BLRI0062	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/04/88-06/08/89	0	3	
BLRI0064	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/04/88-01/08/92	3	6	
BLRI0071	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	10	101	
BLRI0078	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/06/91-08/06/91	0	1	
BLRI0085	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/93-05/15/95	1	8	
BLRI0086	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/12/78-07/12/78	0	1	
BLRI0093	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/04/92-10/02/95	3	6	
BLRI0095	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	16	171	
BLRI0097	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	6	26	
BLRI0098	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/28/77-07/13/95	17	2	
BLRI0099	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	6	26	
BLRI0100	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/26/92-08/26/92	0	1	
BLRI0102	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	16	102	
BLRI0108	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	2	
BLRI0110	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/02/88-06/23/94	5	21	
BLRI0111	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	16	158	
BLRI0112	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	16	175	
BLRI0113	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/17/88-09/25/95	6	26	
BLRI0116	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/17/88-05/19/94	5	19	
BLRI0122	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	4	130	
BLRI0124	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	4	136	
BLRI0125	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/16/89-04/16/91	1	4	
BLRI0136	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	13	101	
BLRI0150	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	5	
BLRI0153	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-11/25/86	4	68	
BLRI0157	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/04/85-12/20/94	9	59	
BLRI0159	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/28/82-05/05/83	0	8	
BLRI0161	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	13	141	
BLRI0163	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/15/86-08/19/91	5	52	
BLRI0196	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	13	140	
BLRI0202	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	9	88	
BLRI0211	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	1	16	
BLRI0214	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	1	30	
BLRI0216	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/03/83-05/03/83	0	17	
BLRI0222	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	1	28	
BLRI0224	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	8	83	
BLRI0230	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/31/90	0	5	
BLRI0237	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	1	24	
BLRI0241	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	1	19	
BLRI0247	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	1	21	
BLRI0249	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	9	103	
BLRI0251	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	9	103	
BLRI0278	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/19/76-08/31/76	0	10	
BLRI0279	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/19/76-08/31/76	0	10	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0280	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/19/76-03/26/79	2	19	
BLRI0283	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/11/72	0	3	
BLRI0286	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/83-09/22/83	0	2	
BLRI0287	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/83-09/22/83	0	2	
BLRI0289	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-06/22/72	1	7	
BLRI0290	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	7	22	
BLRI0294	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-06/22/72	1	6	
BLRI0296	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	7	22	
BLRI0298	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	7	20	
BLRI0301	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/25/91-10/17/94	3	35	
BLRI0303	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/21/83-12/03/86	3	74	
BLRI0306	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/01/90-08/24/93	3	48	
BLRI0315	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/01/90-08/24/93	3	85	
BLRI0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/86-04/11/86	0	2	
BLRI0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/86-04/11/86	0	2	
BLRI0012	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	4	2	
BLRI0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	6	62	
BLRI0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	4	2	
BLRI0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/92-04/27/95	2	12	
BLRI0018	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	4	2	
BLRI0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/90-08/14/90	0	3	
BLRI0020	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/79-07/20/79	0	1	
BLRI0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	0	2	
BLRI0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	0	2	
BLRI0026	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	0	2	
BLRI0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	0	2	
BLRI0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/04/84-12/04/84	0	1	
BLRI0033	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/17/86	0	2	
BLRI0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-03/31/86	0	1	
BLRI0036	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/17/86	0	2	
BLRI0037	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/15/86	0	2	
BLRI0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	6	73	
BLRI0039	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
BLRI0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
BLRI0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/89-12/04/89	0	3	
BLRI0044	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/75-02/03/76	0	11	
BLRI0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/52-06/20/68	15	4	
BLRI0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/89-12/04/89	0	2	
BLRI0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
BLRI0053	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/67-10/14/68	0	16	
BLRI0055	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	6	73	
BLRI0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/91-09/11/95	4	48	
BLRI0061	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	6	58	
BLRI0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	6	57	
BLRI0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	6	59	
BLRI0072	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/67-09/12/68	0	14	
BLRI0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/56-07/23/79	22	2	
BLRI0074	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/80-02/19/81	0	4	
BLRI0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/74-07/19/79	4	2	
BLRI0088	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/80-02/19/81	0	3	
BLRI0090	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/68-04/23/68	0	1	
BLRI0091	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	17	348	
BLRI0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	6	67	
BLRI0096	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/70-12/27/73	3	5	
BLRI0097	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/90-08/07/95	5	10	
BLRI0098	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/90-07/30/90	0	1	
BLRI0099	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/90-08/07/95	5	9	
BLRI0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/18/69	18	6	
BLRI0110	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-11/06/89	0	3	
BLRI0111	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-09/25/95	6	52	
BLRI0112	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	6	72	
BLRI0113	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-11/06/89	0	3	
BLRI0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	28	133	S
BLRI0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/06/89-11/06/89	0	3	
BLRI0119	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	4	2	
BLRI0120	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/72-05/04/72	0	7	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0121	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/72-05/04/72	0	4	
BLRI0122	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/92-09/05/95	3	46	
BLRI0124	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/92-09/05/95	3	46	
BLRI0126	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/79-07/25/79	0	1	
BLRI0134	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/74-01/28/81	6	41	
BLRI0135	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-01/28/81	6	22	
BLRI0136	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/81-04/23/81	0	3	
BLRI0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/55-02/21/73	17	23	
BLRI0145	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-10/22/74	0	1	
BLRI0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	0	1	
BLRI0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	1	
BLRI0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/86-05/07/86	0	1	
BLRI0157	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/30/86-12/28/89	3	2	
BLRI0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	6	49	
BLRI0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/82-05/05/83	0	2	
BLRI0160	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/86-05/07/86	0	1	
BLRI0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/79-02/23/90	10	29	
BLRI0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/30/86-02/23/90	3	8	
BLRI0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/19/87-07/19/88	1	16	
BLRI0165	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	6	15	
BLRI0166	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/74-10/03/74	0	1	
BLRI0167	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/74-10/03/74	0	1	
BLRI0176	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/67-10/18/67	0	1	
BLRI0177	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/74-01/23/74	0	1	
BLRI0179	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/56-05/14/73	16	24	
BLRI0181	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/68-09/08/75	7	15	
BLRI0182	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/85-07/10/85	0	4	
BLRI0186	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-01/03/82	4	21	
BLRI0187	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	7	42	
BLRI0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	7	42	
BLRI0189	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	7	42	
BLRI0190	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-01/03/82	4	21	
BLRI0191	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	7	42	
BLRI0192	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	7	42	
BLRI0193	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/85-07/10/85	0	1	
BLRI0194	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/68-08/01/68	0	6	
BLRI0195	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/57-04/19/62	4	8	
BLRI0196	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/81-02/01/90	8	12	
BLRI0197	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/16/85-07/16/85	0	1	
BLRI0198	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/73-03/10/78	4	4	
BLRI0201	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	0	1	
BLRI0202	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/86-02/01/90	3	7	
BLRI0203	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-09/29/86	0	1	
BLRI0204	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-11/20/86	0	7	
BLRI0205	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-09/29/86	0	1	
BLRI0206	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-11/20/86	0	8	
BLRI0207	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	0	1	
BLRI0208	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	0	1	
BLRI0212	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	0	1	
BLRI0216	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/03/83-05/03/83	0	1	
BLRI0217	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/75-03/26/75	0	3	
BLRI0220	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/57-04/04/58	0	2	
BLRI0224	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/86-07/23/93	6	10	
BLRI0225	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/56-06/01/88	31	56	
BLRI0226	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/65-05/25/67	2	17	
BLRI0229	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/85-07/02/85	0	2	
BLRI0233	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	0	5	
BLRI0235	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/87-11/10/87	0	9	
BLRI0239	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	0	4	
BLRI0243	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	0	12	
BLRI0244	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/10/74-04/25/74	0	10	
BLRI0245	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-12/28/76	1	16	
BLRI0246	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/57-10/05/70	12	12	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0249	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/86-08/24/90	3	8	
BLRI0251	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/86-02/07/90	3	7	
BLRI0252	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-12/28/76	1	16	
BLRI0254	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/87-11/10/87	0	13	
BLRI0255	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/75-02/14/75	0	2	
BLRI0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/87-09/06/87	0	16	
BLRI0258	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	0	1	
BLRI0262	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	15	52	
BLRI0264	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/74-11/12/74	0	3	
BLRI0266	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/75-12/28/76	1	19	
BLRI0269	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/73-03/10/78	4	6	
BLRI0270	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/67-05/05/67	0	8	
BLRI0280	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	0	1	
BLRI0288	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/85-06/30/85	0	2	
BLRI0292	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-10/23/68	1	14	
BLRI0293	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/85-06/30/85	0	2	
BLRI0295	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/74-05/05/75	1	7	
BLRI0300	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/85-07/15/85	0	4	
BLRI0302	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/85-07/15/85	0	1	
BLRI0303	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/83-12/03/86	3	12	
BLRI0304	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/25/84-11/25/84	0	1	
BLRI0305	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	0	1	
BLRI0309	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	0	1	
BLRI0312	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/54-05/04/61	6	9	
BLRI0313	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/68-03/24/69	0	8	
BLRI0317	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-03/24/69	4	15	
BLRI0318	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/85-07/09/85	0	4	
BLRI0319	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/85-07/09/85	0	1	
BLRI0320	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-05/27/67	0	9	
BLRI0321	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-03/24/69	2	17	
BLRI0322	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	0	1	
BLRI0323	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	0	1	
BLRI0324	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/85-07/16/85	0	2	
BLRI0325	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/81-03/26/82	0	3	
BLRI0326	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	0	1	
BLRI0327	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/85-07/16/85	0	4	
BLRI0328	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	0	9	
BLRI0329	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/74-02/24/75	0	6	
BLRI0330	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/74-02/24/75	0	6	
BLRI0331	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	0	8	
BLRI0332	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/74-02/24/75	0	5	
BLRI0333	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/73-03/10/78	4	4	
BLRI0334	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	0	8	
BLRI0335	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/74-11/14/74	0	2	
BLRI0336	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/74-11/14/74	0	2	
BLRI0150	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/27/82-10/27/82	0	5	
BLRI0153	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/27/82-11/25/86	4	72	
BLRI0159	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/28/82-05/05/83	0	8	
BLRI0216	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/03/83-05/03/83	0	17	
BLRI0266	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/80-08/06/80	0	1	
BLRI0303	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	04/21/83-12/03/86	3	88	
BLRI0322	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/26/82-03/26/82	0	1	
BLRI0323	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/26/82-03/26/82	0	1	
BLRI0325	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	11/12/81-03/26/82	0	3	
BLRI0326	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/26/82-03/26/82	0	1	
BLRI0147	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	0	1	
BLRI0212	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	0	1	
BLRI0258	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	0	1	
BLRI0304	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	11/25/84-11/25/84	0	1	
BLRI0002	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/86-04/11/86	0	2	
BLRI0003	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/86-04/11/86	0	2	
BLRI0014	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/24/92-09/13/95	3	42	
BLRI0017	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/25/92-10/12/95	3	17	
BLRI0030	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/05/78-08/15/94	15	3	
BLRI0033	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/17/86	0	2	
BLRI0034	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-03/31/86	0	1	
BLRI0036	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/17/86	0	2	
BLRI0037	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/15/86	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0038	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	3	46	
BLRI0042	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-09/05/95	3	16	
BLRI0048	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-09/05/95	3	15	
BLRI0055	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	3	46	
BLRI0056	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	3	40	
BLRI0061	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	3	40	
BLRI0064	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	3	40	
BLRI0071	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	3	40	
BLRI0085	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/16/93-05/15/95	1	8	
BLRI0093	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/05/94-10/02/95	1	5	
BLRI0095	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	3	42	
BLRI0097	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/28/94-08/07/95	1	8	
BLRI0098	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/95-07/13/95	0	1	
BLRI0099	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/28/94-08/07/95	1	7	
BLRI0100	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/26/92-08/26/92	0	1	
BLRI0102	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/94-10/10/95	1	5	
BLRI0110	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-06/23/94	2	11	
BLRI0111	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	3	45	
BLRI0112	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/22/92-09/25/95	3	44	
BLRI0113	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	3	17	
BLRI0116	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/27/92-05/19/94	2	10	
BLRI0122	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	3	116	
BLRI0124	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	3	118	
BLRI0156	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/86-05/07/86	0	1	
BLRI0160	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/86-05/07/86	0	1	
BLRI0182	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/85-07/10/85	0	4	
BLRI0193	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/10/85-07/10/85	0	1	
BLRI0197	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/85-07/16/85	0	1	
BLRI0229	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/30/85-07/02/85	0	2	
BLRI0278	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-09/09/76	0	12	
BLRI0279	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-09/09/76	0	12	
BLRI0280	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-03/26/79	2	25	
BLRI0288	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/85-06/30/85	0	2	
BLRI0290	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/16/76-03/26/79	3	20	
BLRI0293	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/85-06/30/85	0	2	
BLRI0296	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/16/76-03/26/79	3	20	
BLRI0298	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/72-03/26/79	6	18	
BLRI0300	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/26/85-07/15/85	0	4	
BLRI0302	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/15/85-07/15/85	0	1	
BLRI0318	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/26/85-07/09/85	0	4	
BLRI0319	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/09/85-07/09/85	0	1	
BLRI0324	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/85-07/16/85	0	2	
BLRI0327	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/85-07/16/85	0	4	
BLRI0004	No	00300	OXYGEN, DISSOLVED MG/L	05/23/72-04/17/73	0	4	
BLRI0005	No	00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	10	97	
BLRI0008	No	00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	0	2	
BLRI0009	No	00300	OXYGEN, DISSOLVED MG/L	06/21/67-06/23/67	0	5	
BLRI0010	No	00300	OXYGEN, DISSOLVED MG/L	05/23/72-04/16/73	0	4	
BLRI0014	No	00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	17	166	
BLRI0017	No	00300	OXYGEN, DISSOLVED MG/L	07/30/91-07/30/91	0	1	
BLRI0019	No	00300	OXYGEN, DISSOLVED MG/L	08/14/90-08/14/90	0	3	
BLRI0030	No	00300	OXYGEN, DISSOLVED MG/L	09/05/78-07/17/89	10	6	
BLRI0038	No	00300	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	23	200	A
BLRI0039	No	00300	OXYGEN, DISSOLVED MG/L	05/24/73-10/18/73	0	3	
BLRI0040	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/18/73	0	3	
BLRI0042	No	00300	OXYGEN, DISSOLVED MG/L	09/22/88-09/25/91	3	11	
BLRI0043	No	00300	OXYGEN, DISSOLVED MG/L	11/20/74-06/18/79	4	48	
BLRI0048	No	00300	OXYGEN, DISSOLVED MG/L	09/22/88-02/25/91	2	10	
BLRI0049	No	00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	9	97	
BLRI0050	Yes	00300	OXYGEN, DISSOLVED MG/L	11/20/74-06/18/79	4	43	
BLRI0052	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/18/73	0	3	
BLRI0055	No	00300	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	22	234	A
BLRI0056	No	00300	OXYGEN, DISSOLVED MG/L	08/07/91-04/15/92	0	8	
BLRI0058	No	00300	OXYGEN, DISSOLVED MG/L	06/06/74-12/02/78	4	40	
BLRI0061	No	00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	13	121	
BLRI0062	No	00300	OXYGEN, DISSOLVED MG/L	08/04/88-06/08/89	0	4	
BLRI0064	No	00300	OXYGEN, DISSOLVED MG/L	08/04/88-04/15/92	3	28	
BLRI0069	No	00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/18/73	0	2	
BLRI0070	No	00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	11	84	
BLRI0071	No	00300	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	22	218	A
BLRI0074	No	00300	OXYGEN, DISSOLVED MG/L	03/11/80-02/19/81	0	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0078	No	00300	OXYGEN, DISSOLVED MG/L	08/06/91-08/06/91	0	1	
BLRI0080	No	00300	OXYGEN, DISSOLVED MG/L	08/05/92-08/05/92	0	1	
BLRI0085	No	00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	9	98	
BLRI0086	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/78-07/12/78	0	1	
BLRI0088	No	00300	OXYGEN, DISSOLVED MG/L	03/11/80-02/19/81	0	3	
BLRI0089	No	00300	OXYGEN, DISSOLVED MG/L	05/22/73-09/20/73	0	3	
BLRI0090	No	00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	11	114	
BLRI0091	No	00300	OXYGEN, DISSOLVED MG/L	01/04/79-05/16/86	7	46	
BLRI0093	No	00300	OXYGEN, DISSOLVED MG/L	08/04/92-08/04/92	0	1	
BLRI0095	No	00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	20	181	
BLRI0096	No	00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	4	48	
BLRI0097	No	00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	7	72	
BLRI0098	No	00300	OXYGEN, DISSOLVED MG/L	09/28/77-07/30/90	12	3	
BLRI0099	No	00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	19	116	
BLRI0100	No	00300	OXYGEN, DISSOLVED MG/L	06/06/74-06/15/76	2	19	
BLRI0102	No	00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	8	110	
BLRI0104	Yes	00300	OXYGEN, DISSOLVED MG/L	09/26/67-05/18/83	15	62	
BLRI0108	No	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	2	
BLRI0109	No	00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	4	47	
BLRI0110	No	00300	OXYGEN, DISSOLVED MG/L	07/27/82-02/04/91	8	21	
BLRI0111	No	00300	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	21	235	A
BLRI0112	No	00300	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	24	253	A
BLRI0113	No	00300	OXYGEN, DISSOLVED MG/L	06/23/82-02/04/91	8	21	
BLRI0115	No	00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	4	118	
BLRI0116	No	00300	OXYGEN, DISSOLVED MG/L	02/06/89-11/05/91	2	9	
BLRI0117	No	00300	OXYGEN, DISSOLVED MG/L	06/09/82-05/24/83	0	14	
BLRI0122	No	00300	OXYGEN, DISSOLVED MG/L	05/20/91-08/15/91	0	14	
BLRI0124	No	00300	OXYGEN, DISSOLVED MG/L	05/20/91-12/11/91	0	18	
BLRI0125	No	00300	OXYGEN, DISSOLVED MG/L	10/25/88-04/16/91	2	4	
BLRI0134	No	00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	7	83	
BLRI0135	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	10	56	
BLRI0136	No	00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	13	103	
BLRI0137	No	00300	OXYGEN, DISSOLVED MG/L	03/05/69-11/03/71	2	3	
BLRI0138	No	00300	OXYGEN, DISSOLVED MG/L	01/27/71-08/02/72	1	3	
BLRI0139	No	00300	OXYGEN, DISSOLVED MG/L	01/27/71-07/23/73	2	4	
BLRI0140	No	00300	OXYGEN, DISSOLVED MG/L	05/05/70-09/15/71	1	7	
BLRI0142	No	00300	OXYGEN, DISSOLVED MG/L	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-07/17/73	3	8	
BLRI0144	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-07/17/73	3	8	
BLRI0145	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-10/22/74	4	9	
BLRI0146	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-09/15/71	1	7	
BLRI0148	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-09/15/71	1	7	
BLRI0149	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-09/15/71	1	7	
BLRI0150	No	00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	0	5	
BLRI0152	No	00300	OXYGEN, DISSOLVED MG/L	06/20/73-06/20/73	0	1	
BLRI0153	No	00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/82-11/25/86	4	71	
BLRI0157	No	00300	OXYGEN, DISSOLVED MG/L	06/20/73-12/20/94	21	62	
BLRI0158	No	00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	7	80	
BLRI0159	No	00300	OXYGEN, DISSOLVED MG/L	10/28/82-05/05/83	0	8	
BLRI0161	No	00300	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	15	179	A
BLRI0163	No	00300	OXYGEN, DISSOLVED MG/L	05/15/86-08/19/91	5	63	
BLRI0164	No	00300	OXYGEN, DISSOLVED MG/L	01/19/87-07/19/88	1	11	
BLRI0165	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-03/30/81	11	44	
BLRI0166	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-10/03/74	5	19	
BLRI0167	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-10/03/74	5	19	
BLRI0168	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	4	17	
BLRI0169	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	4	17	
BLRI0170	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	4	17	
BLRI0171	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	4	17	
BLRI0172	No	00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	4	18	
BLRI0173	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	2	4	
BLRI0174	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-06/12/72	0	1	
BLRI0175	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	2	5	
BLRI0176	No	00300	OXYGEN, DISSOLVED MG/L	10/18/67-10/18/67	0	1	
BLRI0177	No	00300	OXYGEN, DISSOLVED MG/L	07/20/71-04/02/75	3	14	
BLRI0178	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	2	5	
BLRI0179	No	00300	OXYGEN, DISSOLVED MG/L	06/25/68-09/27/72	4	15	
BLRI0180	No	00300	OXYGEN, DISSOLVED MG/L	07/20/71-04/03/75	3	9	
BLRI0181	No	00300	OXYGEN, DISSOLVED MG/L	01/10/68-09/08/75	7	18	
BLRI0183	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/03/75	2	7	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0184	No	00300	OXYGEN, DISSOLVED MG/L	01/25/71-09/26/73	2	9	
BLRI0185	No	00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/03/75	2	7	
BLRI0186	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-12/14/81	1	17	
BLRI0187	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	3	46	
BLRI0188	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	3	46	
BLRI0189	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	3	47	
BLRI0190	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-12/14/81	1	17	
BLRI0191	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	3	47	
BLRI0192	No	00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	3	47	
BLRI0194	No	00300	OXYGEN, DISSOLVED MG/L	01/10/68-08/01/68	0	6	
BLRI0196	No	00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	23	159	
BLRI0202	No	00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	9	100	
BLRI0211	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	1	18	
BLRI0214	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	1	31	
BLRI0216	No	00300	OXYGEN, DISSOLVED MG/L	05/03/83-05/03/83	0	17	
BLRI0217	No	00300	OXYGEN, DISSOLVED MG/L	01/10/75-03/26/75	0	3	
BLRI0222	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	1	28	
BLRI0224	No	00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	8	97	
BLRI0225	No	00300	OXYGEN, DISSOLVED MG/L	04/22/76-06/01/88	12	31	
BLRI0226	No	00300	OXYGEN, DISSOLVED MG/L	01/06/65-05/25/67	2	17	
BLRI0227	No	00300	OXYGEN, DISSOLVED MG/L	07/23/68-07/23/68	0	1	
BLRI0228	No	00300	OXYGEN, DISSOLVED MG/L	07/23/68-07/23/68	0	1	
BLRI0230	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/31/90	0	5	
BLRI0233	No	00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	0	5	
BLRI0237	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	1	24	
BLRI0239	No	00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	0	5	
BLRI0241	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	1	19	
BLRI0243	No	00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	0	12	
BLRI0244	No	00300	OXYGEN, DISSOLVED MG/L	04/10/74-04/25/74	0	10	
BLRI0245	No	00300	OXYGEN, DISSOLVED MG/L	07/01/68-12/28/76	8	19	
BLRI0247	No	00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	1	21	
BLRI0249	No	00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	9	116	
BLRI0251	No	00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	9	111	
BLRI0252	No	00300	OXYGEN, DISSOLVED MG/L	01/06/65-12/28/76	11	30	
BLRI0255	No	00300	OXYGEN, DISSOLVED MG/L	07/25/74-02/14/75	0	4	
BLRI0260	No	00300	OXYGEN, DISSOLVED MG/L	01/06/65-08/21/68	3	27	
BLRI0261	No	00300	OXYGEN, DISSOLVED MG/L	06/06/72-02/07/75	2	8	
BLRI0264	No	00300	OXYGEN, DISSOLVED MG/L	08/03/72-01/15/75	2	17	
BLRI0265	No	00300	OXYGEN, DISSOLVED MG/L	06/06/72-02/07/75	2	7	
BLRI0266	No	00300	OXYGEN, DISSOLVED MG/L	01/06/65-08/06/80	15	36	
BLRI0267	No	00300	OXYGEN, DISSOLVED MG/L	06/06/72-09/11/73	1	6	
BLRI0269	No	00300	OXYGEN, DISSOLVED MG/L	04/22/76-07/26/76	0	2	
BLRI0270	No	00300	OXYGEN, DISSOLVED MG/L	01/24/67-05/26/67	0	9	
BLRI0283	No	00300	OXYGEN, DISSOLVED MG/L	01/20/70-03/11/72	2	9	
BLRI0286	No	00300	OXYGEN, DISSOLVED MG/L	06/06/83-09/22/83	0	2	
BLRI0287	No	00300	OXYGEN, DISSOLVED MG/L	06/06/83-09/22/83	0	2	
BLRI0289	No	00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	0	1	
BLRI0290	No	00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	0	1	
BLRI0292	No	00300	OXYGEN, DISSOLVED MG/L	01/23/67-10/23/68	1	14	
BLRI0294	No	00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	0	1	
BLRI0295	No	00300	OXYGEN, DISSOLVED MG/L	11/20/73-05/05/75	1	17	
BLRI0296	No	00300	OXYGEN, DISSOLVED MG/L	04/17/70-03/19/74	3	7	
BLRI0298	No	00300	OXYGEN, DISSOLVED MG/L	01/20/70-03/19/74	4	15	
BLRI0301	No	00300	OXYGEN, DISSOLVED MG/L	09/25/91-10/17/94	3	35	
BLRI0303	No	00300	OXYGEN, DISSOLVED MG/L	04/21/83-12/03/86	3	79	
BLRI0305	No	00300	OXYGEN, DISSOLVED MG/L	05/18/72-11/14/74	2	7	
BLRI0306	No	00300	OXYGEN, DISSOLVED MG/L	08/01/90-08/24/93	3	43	
BLRI0309	No	00300	OXYGEN, DISSOLVED MG/L	05/18/72-11/14/74	2	7	
BLRI0311	No	00300	OXYGEN, DISSOLVED MG/L	06/14/73-11/14/74	1	4	
BLRI0313	No	00300	OXYGEN, DISSOLVED MG/L	05/01/68-03/24/69	0	8	
BLRI0315	No	00300	OXYGEN, DISSOLVED MG/L	08/01/90-08/24/93	3	81	
BLRI0317	No	00300	OXYGEN, DISSOLVED MG/L	01/05/65-03/24/69	4	16	
BLRI0320	No	00300	OXYGEN, DISSOLVED MG/L	01/23/67-05/27/67	0	9	
BLRI0321	No	00300	OXYGEN, DISSOLVED MG/L	01/23/67-03/24/69	2	16	
BLRI0322	No	00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	0	1	
BLRI0323	No	00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	0	1	
BLRI0325	No	00300	OXYGEN, DISSOLVED MG/L	12/02/81-03/26/82	0	2	
BLRI0326	No	00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	0	1	
BLRI0328	No	00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	0	9	
BLRI0329	No	00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	0	10	
BLRI0330	No	00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	0	10	
BLRI0331	No	00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	0	8	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0332	No	00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	0	8	
BLRI0334	No	00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	0	8	
BLRI0335	No	00300	OXYGEN, DISSOLVED MG/L	07/29/68-03/24/76	7	16	
BLRI0336	No	00300	OXYGEN, DISSOLVED MG/L	07/29/68-01/29/75	6	15	
BLRI0134	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-09/28/78	4	23	
BLRI0135	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/28/78	8	20	
BLRI0136	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/14/81-08/25/83	1	22	
BLRI0138	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-08/02/72	1	3	
BLRI0139	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-07/23/73	2	4	
BLRI0140	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/05/70-09/15/71	1	7	
BLRI0142	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	1	7	
BLRI0144	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	1	7	
BLRI0145	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-10/22/74	4	8	
BLRI0146	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	1	7	
BLRI0148	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	1	7	
BLRI0149	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	1	7	
BLRI0152	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-06/20/73	0	1	
BLRI0157	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-09/12/85	12	5	
BLRI0158	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/08/74-01/29/78	3	37	
BLRI0161	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/82-09/12/85	3	33	
BLRI0165	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-05/13/75	5	29	
BLRI0166	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-10/03/74	5	19	
BLRI0167	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-10/03/74	5	19	
BLRI0168	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	4	17	
BLRI0169	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	4	16	
BLRI0170	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	4	17	
BLRI0171	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	4	17	
BLRI0172	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	4	18	
BLRI0173	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/13/71-04/02/75	4	6	
BLRI0174	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/28/71-06/12/72	1	3	
BLRI0175	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-04/02/75	4	7	
BLRI0177	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-04/02/75	3	9	
BLRI0178	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-04/02/75	4	7	
BLRI0180	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-04/03/75	3	9	
BLRI0183	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/12/72-04/03/75	2	6	
BLRI0184	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-09/26/73	2	9	
BLRI0185	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/12/72-04/03/75	2	7	
BLRI0196	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/07/69-09/24/85	16	47	
BLRI0202	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/24/85-09/24/85	0	6	
BLRI0217	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/10/75-03/26/75	0	3	
BLRI0233	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	0	5	
BLRI0239	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	0	5	
BLRI0243	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	0	12	
BLRI0244	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/10/74-04/25/74	0	10	
BLRI0249	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/16/85-09/18/85	0	6	
BLRI0251	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/22/85-09/11/85	0	6	
BLRI0255	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/74-01/15/75	0	3	
BLRI0261	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-02/07/75	2	8	
BLRI0264	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/72-01/15/75	2	16	
BLRI0265	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-02/07/75	2	7	
BLRI0267	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-09/11/73	1	6	
BLRI0295	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/09/74-05/05/75	1	11	
BLRI0305	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/26/71-11/14/74	3	8	
BLRI0309	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/26/71-11/14/74	3	8	
BLRI0311	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/02/68-11/14/74	6	12	
BLRI0315	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/92-08/03/92	0	1	
BLRI0329	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	0	7	
BLRI0330	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	0	8	
BLRI0332	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	0	6	
BLRI0335	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/29/68-03/24/76	7	16	
BLRI0336	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/29/68-01/29/75	6	14	
BLRI0039	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0041	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0052	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0069	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0089	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/18/73-09/20/73	0	2	
BLRI0266	No	00304	BOD, 2 DAY, 20 DEG C MG/L	08/20/68-09/12/68	0	3	
BLRI0335	No	00308	BOD, NITROGEN INHIB., TOTAL, 20 DAY, 20 DEG C MG/L	09/12/74-11/14/74	0	2	
BLRI0336	No	00308	BOD, NITROGEN INHIB., TOTAL, 20 DAY, 20 DEG C MG/L	09/12/74-11/14/74	0	2	
BLRI0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-04/17/73	0	4	
BLRI0005	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/03/68-09/17/76	7	12	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/67-06/23/67	0	5	
BLRI0010	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-04/16/73	0	4	
BLRI0014	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	16	163	
BLRI0017	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/92-04/27/95	3	13	
BLRI0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	26	194	T
BLRI0039	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/73-10/18/73	0	3	
BLRI0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/73-10/18/73	0	3	
BLRI0043	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/74-06/18/79	4	44	
BLRI0049	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/69-09/13/78	9	11	
BLRI0050	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/74-06/18/79	4	42	
BLRI0052	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/73-10/18/73	0	3	
BLRI0055	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	25	189	T
BLRI0056	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/91-09/11/95	4	48	
BLRI0058	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/77-03/20/78	0	3	
BLRI0061	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	16	161	
BLRI0062	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-06/08/89	0	3	
BLRI0064	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	7	63	
BLRI0069	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0070	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/70-01/04/72	1	3	
BLRI0071	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	25	197	T
BLRI0085	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-01/17/72	1	4	
BLRI0089	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/22/73-09/20/73	0	3	
BLRI0090	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	11	57	
BLRI0095	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	24	184	
BLRI0096	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/11/70-02/12/74	3	7	
BLRI0097	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/89-10/02/89	0	2	
BLRI0099	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/74-10/02/89	15	7	
BLRI0102	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	8	98	
BLRI0104	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/10/68-01/17/72	3	9	
BLRI0111	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	25	199	T
BLRI0112	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	25	185	T
BLRI0115	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	4	119	
BLRI0134	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	7	82	
BLRI0135	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	7	49	
BLRI0136	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	12	82	
BLRI0140	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/73-07/17/73	0	1	
BLRI0142	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	3	6	
BLRI0144	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	3	6	
BLRI0145	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	3	6	
BLRI0146	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	3	7	
BLRI0148	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/73-07/17/73	0	1	
BLRI0149	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	3	8	
BLRI0157	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/85-07/14/93	8	44	
BLRI0158	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	7	78	
BLRI0161	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	98	
BLRI0162	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/02/73-10/03/73	0	2	
BLRI0163	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/86-06/11/91	5	44	
BLRI0165	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-03/30/81	8	35	
BLRI0166	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-09/26/73	1	8	
BLRI0167	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-09/26/73	1	8	
BLRI0170	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/10/72-09/26/73	1	7	
BLRI0171	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/10/72-09/26/73	1	7	
BLRI0172	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-09/26/73	1	8	
BLRI0173	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	0	1	
BLRI0177	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	0	1	
BLRI0178	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	0	1	
BLRI0181	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/68-05/12/75	7	7	
BLRI0183	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/75-04/03/75	0	1	
BLRI0194	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/68-08/01/68	0	6	
BLRI0196	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	10	73	
BLRI0202	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/85-06/27/91	6	25	
BLRI0217	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/75-03/26/75	0	1	
BLRI0224	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/27/86-12/31/90	4	42	
BLRI0226	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-10/26/65	0	8	
BLRI0245	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/76-11/09/76	0	3	
BLRI0249	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/85-12/07/90	5	47	
BLRI0251	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/85-12/28/90	5	32	
BLRI0252	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-12/28/76	11	27	
BLRI0260	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-10/27/65	0	8	
BLRI0261	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/18/71-07/25/74	3	6	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0264	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/03/72-07/18/74	1	10	
BLRI0265	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/18/71-05/18/71	0	1	
BLRI0266	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-08/06/80	15	31	
BLRI0292	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-10/23/68	1	14	
BLRI0295	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/73-05/05/75	1	16	
BLRI0313	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/68-03/24/69	0	9	
BLRI0317	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-03/24/69	4	17	
BLRI0320	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-05/27/67	0	8	
BLRI0321	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-03/24/69	2	17	
BLRI0328	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	0	9	
BLRI0329	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	0	9	
BLRI0330	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	0	9	
BLRI0331	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	0	8	
BLRI0332	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	0	8	
BLRI0334	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	0	8	
BLRI0335	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/29/68-03/24/76	7	11	
BLRI0336	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/29/68-01/29/75	6	10	
BLRI0008	No	00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	0	2	
BLRI0111	No	00315	BOD, 7 DAY, 20 DEG C MG/L	11/24/75-11/24/75	0	1	
BLRI0039	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/24/73-05/24/73	0	1	
BLRI0040	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0052	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0089	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/22/73-05/22/73	0	1	
BLRI0039	No	00323	BOD, 15 DAY, 20 DEG C MG/L	05/24/73-05/24/73	0	1	
BLRI0040	No	00323	BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00323	BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0052	No	00323	BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0089	No	00323	BOD, 15 DAY, 20 DEG C MG/L	05/22/73-05/22/73	0	1	
BLRI0039	No	00324	BOD, 20 DAY, 20 DEG C MG/L	05/24/73-10/18/73	0	3	
BLRI0040	No	00324	BOD, 20 DAY, 20 DEG C MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00324	BOD, 20 DAY, 20 DEG C MG/L	05/23/73-10/18/73	0	3	
BLRI0052	No	00324	BOD, 20 DAY, 20 DEG C MG/L	05/23/73-10/18/73	0	3	
BLRI0069	No	00324	BOD, 20 DAY, 20 DEG C MG/L	10/16/73-10/16/73	0	1	
BLRI0089	No	00324	BOD, 20 DAY, 20 DEG C MG/L	05/22/73-09/18/73	0	2	
BLRI0039	No	00326	BOD, 28 DAY, 20 DEG C MG.L	10/16/73-10/18/73	0	2	
BLRI0041	No	00326	BOD, 28 DAY, 20 DEG C MG.L	10/16/73-10/18/73	0	2	
BLRI0052	No	00326	BOD, 28 DAY, 20 DEG C MG.L	10/16/73-10/18/73	0	2	
BLRI0069	No	00326	BOD, 28 DAY, 20 DEG C MG.L	10/16/73-10/18/73	0	2	
BLRI0039	No	00335	COD, .025N K2CR2O7 MG/L	05/24/73-10/18/73	0	3	
BLRI0040	No	00335	COD, .025N K2CR2O7 MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00335	COD, .025N K2CR2O7 MG/L	05/23/73-10/18/73	0	3	
BLRI0052	No	00335	COD, .025N K2CR2O7 MG/L	05/23/73-10/18/73	0	3	
BLRI0069	No	00335	COD, .025N K2CR2O7 MG/L	10/16/73-10/18/73	0	2	
BLRI0089	No	00335	COD, .025N K2CR2O7 MG/L	05/22/73-09/20/73	0	3	
BLRI0115	No	00335	COD, .025N K2CR2O7 MG/L	03/13/74-02/11/75	0	11	
BLRI0134	No	00335	COD, .025N K2CR2O7 MG/L	11/28/73-11/28/73	0	1	
BLRI0136	No	00335	COD, .025N K2CR2O7 MG/L	05/11/81-10/10/84	3	18	
BLRI0158	No	00335	COD, .025N K2CR2O7 MG/L	11/27/73-11/27/73	0	1	
BLRI0161	No	00335	COD, .025N K2CR2O7 MG/L	05/14/81-12/28/84	3	44	
BLRI0165	No	00335	COD, .025N K2CR2O7 MG/L	11/27/73-01/09/74	0	2	
BLRI0181	No	00335	COD, .025N K2CR2O7 MG/L	01/13/75-09/08/75	0	9	
BLRI0194	No	00335	COD, .025N K2CR2O7 MG/L	01/10/68-08/01/68	0	6	
BLRI0196	No	00335	COD, .025N K2CR2O7 MG/L	05/29/81-11/08/84	3	18	
BLRI0245	No	00335	COD, .025N K2CR2O7 MG/L	10/20/75-12/28/76	1	16	
BLRI0252	No	00335	COD, .025N K2CR2O7 MG/L	10/21/75-12/28/76	1	16	
BLRI0266	No	00335	COD, .025N K2CR2O7 MG/L	07/21/75-12/28/76	1	19	
BLRI0292	No	00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	0	9	
BLRI0295	No	00335	COD, .025N K2CR2O7 MG/L	11/20/73-12/06/73	0	2	
BLRI0313	No	00335	COD, .025N K2CR2O7 MG/L	01/30/69-01/30/69	0	1	
BLRI0317	No	00335	COD, .025N K2CR2O7 MG/L	01/30/69-01/30/69	0	1	
BLRI0320	No	00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	0	9	
BLRI0321	No	00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	0	9	
BLRI0014	No	00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	16	162	
BLRI0017	No	00340	COD, .25N K2CR2O7 MG/L	02/25/92-04/27/95	3	12	
BLRI0019	No	00340	COD, .25N K2CR2O7 MG/L	08/14/90-08/14/90	0	1	
BLRI0030	No	00340	COD, .25N K2CR2O7 MG/L	07/17/89-07/17/89	0	1	
BLRI0038	No	00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	16	188	
BLRI0042	No	00340	COD, .25N K2CR2O7 MG/L	09/10/92-06/19/95	2	11	
BLRI0048	No	00340	COD, .25N K2CR2O7 MG/L	03/01/93-06/19/95	2	9	
BLRI0055	No	00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	16	192	
BLRI0056	No	00340	COD, .25N K2CR2O7 MG/L	08/07/91-09/11/95	4	48	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0061	No	00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	16	160	
BLRI0062	No	00340	COD, .25N K2CR2O7 MG/L	08/04/88-06/08/89	0	3	
BLRI0064	No	00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	7	63	
BLRI0071	No	00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	19	162	
BLRI0085	No	00340	COD, .25N K2CR2O7 MG/L	08/16/93-08/14/95	1	9	
BLRI0093	No	00340	COD, .25N K2CR2O7 MG/L	04/05/94-10/02/95	1	5	
BLRI0095	No	00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	16	176	
BLRI0097	No	00340	COD, .25N K2CR2O7 MG/L	04/25/89-10/02/89	0	5	
BLRI0098	No	00340	COD, .25N K2CR2O7 MG/L	07/30/90-07/30/90	0	1	
BLRI0099	No	00340	COD, .25N K2CR2O7 MG/L	04/25/89-10/02/89	0	5	
BLRI0102	No	00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	15	114	
BLRI0104	Yes	00340	COD, .25N K2CR2O7 MG/L	06/30/82-05/18/83	0	12	
BLRI0110	No	00340	COD, .25N K2CR2O7 MG/L	06/30/82-06/23/94	11	20	
BLRI0111	No	00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	16	161	
BLRI0112	No	00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	16	179	
BLRI0113	No	00340	COD, .25N K2CR2O7 MG/L	06/23/82-09/25/95	13	25	
BLRI0115	No	00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	4	93	
BLRI0116	No	00340	COD, .25N K2CR2O7 MG/L	08/27/92-05/19/94	1	8	
BLRI0117	No	00340	COD, .25N K2CR2O7 MG/L	06/09/82-05/24/83	0	53	
BLRI0134	No	00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	6	79	
BLRI0135	No	00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	4	48	
BLRI0136	No	00340	COD, .25N K2CR2O7 MG/L	02/19/81-04/23/81	0	3	
BLRI0158	No	00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	6	77	
BLRI0161	No	00340	COD, .25N K2CR2O7 MG/L	03/19/79-04/30/81	2	25	
BLRI0162	No	00340	COD, .25N K2CR2O7 MG/L	10/03/73-10/03/73	0	1	
BLRI0165	No	00340	COD, .25N K2CR2O7 MG/L	02/11/74-03/30/81	7	23	
BLRI0172	No	00340	COD, .25N K2CR2O7 MG/L	08/07/72-09/11/72	0	6	
BLRI0196	No	00340	COD, .25N K2CR2O7 MG/L	04/21/81-04/21/81	0	1	
BLRI0295	No	00340	COD, .25N K2CR2O7 MG/L	02/06/74-05/05/75	1	12	
BLRI0311	No	00340	COD, .25N K2CR2O7 MG/L	03/23/71-07/26/71	0	3	
BLRI0329	No	00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	0	1	
BLRI0330	No	00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	0	1	
BLRI0335	No	00340	COD, .25N K2CR2O7 MG/L	01/29/75-03/24/76	1	2	
BLRI0336	No	00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	0	1	
BLRI0039	No	00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/16/73	0	1	
BLRI0041	No	00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0052	No	00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0069	No	00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	0	2	
BLRI0089	No	00362	BOD, 40 DAY, 20 DEG C MG/L	09/18/73-09/20/73	0	2	
BLRI0004	No	00400	PH (STANDARD UNITS)	05/23/72-02/13/73	0	2	
BLRI0005	No	00400	PH (STANDARD UNITS)	07/07/68-03/01/79	10	97	
BLRI0010	No	00400	PH (STANDARD UNITS)	05/23/72-02/13/73	0	2	
BLRI0012	Yes	00400	PH (STANDARD UNITS)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00400	PH (STANDARD UNITS)	09/26/74-07/18/79	4	2	
BLRI0014	No	00400	PH (STANDARD UNITS)	05/17/74-09/13/95	21	206	
BLRI0015	No	00400	PH (STANDARD UNITS)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00400	PH (STANDARD UNITS)	09/26/74-07/18/79	4	2	
BLRI0017	No	00400	PH (STANDARD UNITS)	07/30/91-10/12/95	4	18	
BLRI0018	Yes	00400	PH (STANDARD UNITS)	09/26/74-07/18/79	4	2	
BLRI0019	No	00400	PH (STANDARD UNITS)	08/14/90-08/14/90	0	2	
BLRI0020	Yes	00400	PH (STANDARD UNITS)	09/26/74-07/20/79	4	2	
BLRI0021	No	00400	PH (STANDARD UNITS)	07/10/79-09/04/95	16	123	
BLRI0022	Yes	00400	PH (STANDARD UNITS)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00400	PH (STANDARD UNITS)	07/20/79-07/20/79	0	1	
BLRI0024	No	00400	PH (STANDARD UNITS)	06/19/79-07/02/79	0	2	
BLRI0025	No	00400	PH (STANDARD UNITS)	06/19/79-07/02/79	0	2	
BLRI0026	No	00400	PH (STANDARD UNITS)	06/19/79-07/02/79	0	2	
BLRI0027	No	00400	PH (STANDARD UNITS)	06/19/79-07/02/79	0	2	
BLRI0030	No	00400	PH (STANDARD UNITS)	09/05/78-08/15/94	15	6	
BLRI0038	No	00400	PH (STANDARD UNITS)	07/19/68-10/18/95	27	245	T,A,S
BLRI0041	No	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
BLRI0042	No	00400	PH (STANDARD UNITS)	09/22/88-09/05/95	6	28	
BLRI0043	No	00400	PH (STANDARD UNITS)	11/20/74-06/18/79	4	48	
BLRI0045	No	00400	PH (STANDARD UNITS)	10/07/52-06/20/68	15	4	
BLRI0048	No	00400	PH (STANDARD UNITS)	09/22/88-09/05/95	6	26	
BLRI0049	No	00400	PH (STANDARD UNITS)	01/16/69-12/02/78	9	98	
BLRI0050	Yes	00400	PH (STANDARD UNITS)	11/20/74-06/18/79	4	43	
BLRI0052	No	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
BLRI0053	No	00400	PH (STANDARD UNITS)	10/17/67-10/14/68	0	16	
BLRI0055	No	00400	PH (STANDARD UNITS)	09/30/69-10/18/95	26	280	T,A
BLRI0056	No	00400	PH (STANDARD UNITS)	08/07/91-10/19/95	4	48	
BLRI0058	No	00400	PH (STANDARD UNITS)	06/06/74-12/02/78	4	42	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0060	No	00400	PH (STANDARD UNITS)	05/07/45-05/07/45	0	1	
BLRI0061	No	00400	PH (STANDARD UNITS)	04/09/79-10/19/95	16	161	
BLRI0062	No	00400	PH (STANDARD UNITS)	08/04/88-06/08/89	0	4	
BLRI0064	No	00400	PH (STANDARD UNITS)	08/04/88-10/19/95	7	68	
BLRI0070	No	00400	PH (STANDARD UNITS)	04/23/70-12/02/78	8	84	
BLRI0071	No	00400	PH (STANDARD UNITS)	03/25/70-10/19/95	25	258	T,A
BLRI0072	No	00400	PH (STANDARD UNITS)	10/17/67-09/12/68	0	14	
BLRI0073	No	00400	PH (STANDARD UNITS)	09/20/56-07/23/79	22	2	
BLRI0074	No	00400	PH (STANDARD UNITS)	03/11/80-02/19/81	0	4	
BLRI0078	No	00400	PH (STANDARD UNITS)	08/06/91-08/06/91	0	1	
BLRI0079	Yes	00400	PH (STANDARD UNITS)	09/27/74-07/19/79	4	2	
BLRI0080	No	00400	PH (STANDARD UNITS)	08/05/92-08/09/93	1	2	
BLRI0084	Yes	00400	PH (STANDARD UNITS)	07/27/74-07/19/79	4	2	
BLRI0085	No	00400	PH (STANDARD UNITS)	03/16/70-05/15/95	25	105	
BLRI0086	Yes	00400	PH (STANDARD UNITS)	07/12/78-07/12/78	0	1	
BLRI0087	Yes	00400	PH (STANDARD UNITS)	09/27/74-07/19/79	4	2	
BLRI0088	No	00400	PH (STANDARD UNITS)	03/11/80-02/19/81	0	3	
BLRI0090	No	00400	PH (STANDARD UNITS)	02/18/68-06/07/79	11	110	
BLRI0091	No	00400	PH (STANDARD UNITS)	10/01/68-05/16/86	17	274	
BLRI0093	No	00400	PH (STANDARD UNITS)	08/04/92-10/02/95	3	6	
BLRI0095	No	00400	PH (STANDARD UNITS)	07/07/71-09/25/95	24	224	A
BLRI0096	No	00400	PH (STANDARD UNITS)	12/15/69-02/12/74	4	47	
BLRI0097	No	00400	PH (STANDARD UNITS)	04/25/83-08/07/95	12	85	
BLRI0098	No	00400	PH (STANDARD UNITS)	09/28/77-07/13/95	17	4	
BLRI0099	No	00400	PH (STANDARD UNITS)	07/07/71-08/07/95	24	122	
BLRI0100	No	00400	PH (STANDARD UNITS)	06/06/74-06/15/76	2	19	
BLRI0102	No	00400	PH (STANDARD UNITS)	07/18/79-10/10/95	16	118	
BLRI0104	Yes	00400	PH (STANDARD UNITS)	09/26/67-05/18/83	15	62	
BLRI0106	No	00400	PH (STANDARD UNITS)	09/05/45-02/18/69	23	8	
BLRI0109	No	00400	PH (STANDARD UNITS)	10/31/74-06/07/79	4	46	
BLRI0110	No	00400	PH (STANDARD UNITS)	06/30/82-06/23/94	11	33	
BLRI0111	No	00400	PH (STANDARD UNITS)	03/16/70-09/25/95	25	282	T,A
BLRI0112	No	00400	PH (STANDARD UNITS)	08/21/67-09/25/95	28	299	T,A,S
BLRI0113	No	00400	PH (STANDARD UNITS)	06/23/82-09/25/95	13	38	
BLRI0115	No	00400	PH (STANDARD UNITS)	09/05/45-02/21/79	33	135	S
BLRI0116	No	00400	PH (STANDARD UNITS)	02/06/89-05/19/94	5	19	
BLRI0117	No	00400	PH (STANDARD UNITS)	06/09/82-05/24/83	0	17	
BLRI0119	Yes	00400	PH (STANDARD UNITS)	10/10/74-07/24/79	4	2	
BLRI0120	No	00400	PH (STANDARD UNITS)	02/03/72-05/04/72	0	7	
BLRI0121	No	00400	PH (STANDARD UNITS)	02/03/72-05/04/72	0	4	
BLRI0122	No	00400	PH (STANDARD UNITS)	05/20/91-09/11/95	4	128	
BLRI0124	No	00400	PH (STANDARD UNITS)	05/20/91-09/11/95	4	134	
BLRI0125	No	00400	PH (STANDARD UNITS)	10/25/88-04/16/91	2	5	
BLRI0126	Yes	00400	PH (STANDARD UNITS)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00400	PH (STANDARD UNITS)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00400	PH (STANDARD UNITS)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00400	PH (STANDARD UNITS)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00400	PH (STANDARD UNITS)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00400	PH (STANDARD UNITS)	07/25/79-07/25/79	0	1	
BLRI0134	No	00400	PH (STANDARD UNITS)	11/28/73-01/28/81	7	44	
BLRI0135	No	00400	PH (STANDARD UNITS)	05/06/70-01/28/81	10	35	
BLRI0136	No	00400	PH (STANDARD UNITS)	02/19/81-12/19/94	13	99	
BLRI0137	No	00400	PH (STANDARD UNITS)	05/12/55-02/21/73	17	27	
BLRI0138	No	00400	PH (STANDARD UNITS)	09/16/71-08/02/72	0	2	
BLRI0139	No	00400	PH (STANDARD UNITS)	09/16/71-08/02/72	0	2	
BLRI0140	No	00400	PH (STANDARD UNITS)	05/05/70-09/15/71	1	7	
BLRI0142	No	00400	PH (STANDARD UNITS)	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0144	No	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0145	No	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0146	No	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0148	No	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0149	No	00400	PH (STANDARD UNITS)	05/06/70-09/15/71	1	7	
BLRI0150	No	00400	PH (STANDARD UNITS)	10/27/82-10/27/82	0	5	
BLRI0151	Yes	00400	PH (STANDARD UNITS)	10/27/82-10/27/82	0	5	
BLRI0152	No	00400	PH (STANDARD UNITS)	05/05/70-06/20/73	3	6	
BLRI0153	No	00400	PH (STANDARD UNITS)	10/27/82-10/27/82	0	6	
BLRI0154	Yes	00400	PH (STANDARD UNITS)	10/27/82-11/25/86	4	71	
BLRI0157	No	00400	PH (STANDARD UNITS)	05/05/70-12/20/94	24	65	
BLRI0158	No	00400	PH (STANDARD UNITS)	11/27/73-03/30/81	7	69	
BLRI0159	No	00400	PH (STANDARD UNITS)	10/28/82-05/05/83	0	8	
BLRI0161	No	00400	PH (STANDARD UNITS)	03/19/79-12/27/94	15	161	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0163	No	00400	PH (STANDARD UNITS)	05/15/86-08/19/91	5	59	
BLRI0164	No	00400	PH (STANDARD UNITS)	01/19/87-07/19/88	1	16	
BLRI0165	No	00400	PH (STANDARD UNITS)	07/25/69-03/30/81	11	35	
BLRI0166	No	00400	PH (STANDARD UNITS)	07/25/69-10/03/74	5	18	
BLRI0167	No	00400	PH (STANDARD UNITS)	07/25/69-10/03/74	5	18	
BLRI0168	No	00400	PH (STANDARD UNITS)	07/25/69-09/26/73	4	16	
BLRI0169	No	00400	PH (STANDARD UNITS)	07/25/69-09/26/73	4	16	
BLRI0170	No	00400	PH (STANDARD UNITS)	07/25/69-09/26/73	4	16	
BLRI0171	No	00400	PH (STANDARD UNITS)	07/25/69-09/26/73	4	16	
BLRI0172	No	00400	PH (STANDARD UNITS)	07/25/69-09/26/73	4	17	
BLRI0173	No	00400	PH (STANDARD UNITS)	01/28/71-04/02/75	4	6	
BLRI0174	No	00400	PH (STANDARD UNITS)	01/28/71-06/12/72	1	3	
BLRI0175	No	00400	PH (STANDARD UNITS)	01/27/71-04/02/75	4	7	
BLRI0177	No	00400	PH (STANDARD UNITS)	07/20/71-01/27/75	3	14	
BLRI0178	No	00400	PH (STANDARD UNITS)	01/27/71-04/02/75	4	7	
BLRI0179	No	00400	PH (STANDARD UNITS)	10/23/56-05/14/73	16	22	
BLRI0180	No	00400	PH (STANDARD UNITS)	07/20/71-04/03/75	3	10	
BLRI0181	No	00400	PH (STANDARD UNITS)	01/10/68-09/08/75	7	15	
BLRI0183	No	00400	PH (STANDARD UNITS)	06/12/72-04/03/75	2	7	
BLRI0184	No	00400	PH (STANDARD UNITS)	08/31/71-09/26/73	2	8	
BLRI0185	No	00400	PH (STANDARD UNITS)	06/12/72-04/03/75	2	7	
BLRI0186	No	00400	PH (STANDARD UNITS)	07/11/77-01/03/82	4	21	
BLRI0187	No	00400	PH (STANDARD UNITS)	07/11/77-09/10/84	7	53	
BLRI0188	No	00400	PH (STANDARD UNITS)	07/11/77-09/10/84	7	53	
BLRI0189	No	00400	PH (STANDARD UNITS)	07/11/77-09/10/84	7	53	
BLRI0190	No	00400	PH (STANDARD UNITS)	07/11/77-01/03/82	4	21	
BLRI0191	No	00400	PH (STANDARD UNITS)	07/11/77-09/10/84	7	52	
BLRI0192	No	00400	PH (STANDARD UNITS)	07/11/77-09/10/84	7	53	
BLRI0194	No	00400	PH (STANDARD UNITS)	01/10/68-08/01/68	0	6	
BLRI0195	No	00400	PH (STANDARD UNITS)	10/10/57-04/19/62	4	8	
BLRI0196	No	00400	PH (STANDARD UNITS)	06/09/70-12/15/94	24	152	
BLRI0198	No	00400	PH (STANDARD UNITS)	10/23/73-08/08/74	0	2	
BLRI0199	No	00400	PH (STANDARD UNITS)	05/29/75-08/30/76	1	26	
BLRI0201	No	00400	PH (STANDARD UNITS)	09/30/86-09/30/86	0	1	
BLRI0202	No	00400	PH (STANDARD UNITS)	01/24/85-12/15/94	9	92	
BLRI0203	No	00400	PH (STANDARD UNITS)	09/29/86-09/29/86	0	1	
BLRI0204	No	00400	PH (STANDARD UNITS)	09/29/86-11/20/86	0	7	
BLRI0205	No	00400	PH (STANDARD UNITS)	09/29/86-09/29/86	0	1	
BLRI0206	No	00400	PH (STANDARD UNITS)	09/29/86-11/20/86	0	8	
BLRI0207	No	00400	PH (STANDARD UNITS)	09/30/86-09/30/86	0	1	
BLRI0208	No	00400	PH (STANDARD UNITS)	09/30/86-09/30/86	0	1	
BLRI0211	No	00400	PH (STANDARD UNITS)	07/31/90-07/27/92	1	18	
BLRI0214	No	00400	PH (STANDARD UNITS)	07/31/90-07/27/92	1	31	
BLRI0216	No	00400	PH (STANDARD UNITS)	05/03/83-05/03/83	0	17	
BLRI0217	No	00400	PH (STANDARD UNITS)	01/10/75-03/26/75	0	3	
BLRI0220	No	00400	PH (STANDARD UNITS)	11/06/57-04/04/58	0	2	
BLRI0222	No	00400	PH (STANDARD UNITS)	07/31/90-07/27/92	1	28	
BLRI0224	No	00400	PH (STANDARD UNITS)	03/27/86-01/12/95	8	87	
BLRI0225	No	00400	PH (STANDARD UNITS)	11/02/56-06/01/88	31	47	
BLRI0226	No	00400	PH (STANDARD UNITS)	01/06/65-05/25/67	2	17	
BLRI0230	No	00400	PH (STANDARD UNITS)	07/31/90-07/31/90	0	5	
BLRI0233	No	00400	PH (STANDARD UNITS)	04/04/74-04/25/74	0	5	
BLRI0235	No	00400	PH (STANDARD UNITS)	09/06/87-11/10/87	0	9	
BLRI0237	No	00400	PH (STANDARD UNITS)	07/31/90-07/28/92	1	24	
BLRI0239	No	00400	PH (STANDARD UNITS)	04/04/74-04/25/74	0	5	
BLRI0241	No	00400	PH (STANDARD UNITS)	07/31/90-07/28/92	1	19	
BLRI0243	No	00400	PH (STANDARD UNITS)	04/04/74-04/25/74	0	8	
BLRI0244	No	00400	PH (STANDARD UNITS)	04/10/74-04/25/74	0	5	
BLRI0245	No	00400	PH (STANDARD UNITS)	10/20/75-12/28/76	1	16	
BLRI0246	No	00400	PH (STANDARD UNITS)	11/06/57-10/05/70	12	12	
BLRI0247	No	00400	PH (STANDARD UNITS)	07/31/90-07/28/92	1	21	
BLRI0249	No	00400	PH (STANDARD UNITS)	01/10/85-01/05/95	9	101	
BLRI0251	No	00400	PH (STANDARD UNITS)	01/15/85-01/05/95	9	101	
BLRI0252	No	00400	PH (STANDARD UNITS)	01/06/65-12/28/76	11	24	
BLRI0254	No	00400	PH (STANDARD UNITS)	01/18/87-11/10/87	0	13	
BLRI0255	No	00400	PH (STANDARD UNITS)	07/25/74-02/14/75	0	4	
BLRI0257	No	00400	PH (STANDARD UNITS)	01/18/87-09/06/87	0	16	
BLRI0260	No	00400	PH (STANDARD UNITS)	01/06/65-10/27/65	0	20	
BLRI0261	No	00400	PH (STANDARD UNITS)	06/06/72-02/07/75	2	8	
BLRI0262	Yes	00400	PH (STANDARD UNITS)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00400	PH (STANDARD UNITS)	10/17/56-07/18/72	15	52	
BLRI0264	No	00400	PH (STANDARD UNITS)	08/03/72-01/15/75	2	17	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0265	No	00400	PH (STANDARD UNITS)	06/06/72-02/07/75	2	7	
BLRI0266	No	00400	PH (STANDARD UNITS)	01/06/65-08/06/80	15	36	
BLRI0267	No	00400	PH (STANDARD UNITS)	06/06/72-09/11/73	1	6	
BLRI0268	No	00400	PH (STANDARD UNITS)	06/16/74-08/29/77	3	40	
BLRI0269	No	00400	PH (STANDARD UNITS)	10/23/73-04/22/76	2	3	
BLRI0270	No	00400	PH (STANDARD UNITS)	01/24/67-05/26/67	0	9	
BLRI0278	No	00400	PH (STANDARD UNITS)	07/19/76-09/09/76	0	12	
BLRI0279	No	00400	PH (STANDARD UNITS)	07/19/76-09/09/76	0	12	
BLRI0280	No	00400	PH (STANDARD UNITS)	07/19/76-05/12/78	1	23	
BLRI0283	No	00400	PH (STANDARD UNITS)	01/20/70-03/11/72	2	7	
BLRI0286	No	00400	PH (STANDARD UNITS)	06/06/83-09/22/83	0	2	
BLRI0287	No	00400	PH (STANDARD UNITS)	06/06/83-09/22/83	0	2	
BLRI0289	No	00400	PH (STANDARD UNITS)	02/24/70-05/21/70	0	3	
BLRI0290	No	00400	PH (STANDARD UNITS)	02/24/70-05/12/78	8	37	
BLRI0291	No	00400	PH (STANDARD UNITS)	06/16/74-08/29/77	3	40	
BLRI0292	No	00400	PH (STANDARD UNITS)	01/23/67-07/22/68	1	13	
BLRI0294	No	00400	PH (STANDARD UNITS)	02/24/70-06/22/72	2	15	
BLRI0295	No	00400	PH (STANDARD UNITS)	11/20/73-05/05/75	1	16	
BLRI0296	No	00400	PH (STANDARD UNITS)	04/17/70-05/12/78	8	37	
BLRI0298	No	00400	PH (STANDARD UNITS)	01/20/70-05/12/78	8	26	
BLRI0301	No	00400	PH (STANDARD UNITS)	09/25/91-10/17/94	3	33	
BLRI0303	No	00400	PH (STANDARD UNITS)	04/21/83-12/03/86	3	87	
BLRI0305	No	00400	PH (STANDARD UNITS)	01/26/71-11/14/74	3	8	
BLRI0306	No	00400	PH (STANDARD UNITS)	08/01/90-08/24/93	3	43	
BLRI0309	No	00400	PH (STANDARD UNITS)	01/26/71-11/14/74	3	8	
BLRI0311	No	00400	PH (STANDARD UNITS)	02/02/71-11/14/74	3	6	
BLRI0312	No	00400	PH (STANDARD UNITS)	09/10/54-05/04/61	6	9	
BLRI0313	No	00400	PH (STANDARD UNITS)	05/01/68-03/24/69	0	6	
BLRI0315	No	00400	PH (STANDARD UNITS)	08/01/90-08/24/93	3	81	
BLRI0317	No	00400	PH (STANDARD UNITS)	01/05/65-03/24/69	4	14	
BLRI0320	No	00400	PH (STANDARD UNITS)	01/23/67-05/27/67	0	8	
BLRI0321	No	00400	PH (STANDARD UNITS)	01/23/67-03/24/69	2	15	
BLRI0322	No	00400	PH (STANDARD UNITS)	03/26/82-03/26/82	0	1	
BLRI0323	No	00400	PH (STANDARD UNITS)	03/26/82-03/26/82	0	1	
BLRI0325	No	00400	PH (STANDARD UNITS)	11/12/81-03/26/82	0	3	
BLRI0326	No	00400	PH (STANDARD UNITS)	03/26/82-03/26/82	0	1	
BLRI0328	No	00400	PH (STANDARD UNITS)	04/30/68-03/24/69	0	8	
BLRI0329	No	00400	PH (STANDARD UNITS)	08/13/74-02/24/75	0	10	
BLRI0330	No	00400	PH (STANDARD UNITS)	08/13/74-02/24/75	0	10	
BLRI0331	No	00400	PH (STANDARD UNITS)	04/30/68-03/24/69	0	7	
BLRI0332	No	00400	PH (STANDARD UNITS)	08/13/74-02/24/75	0	8	
BLRI0333	No	00400	PH (STANDARD UNITS)	10/23/73-08/08/74	0	2	
BLRI0334	No	00400	PH (STANDARD UNITS)	04/30/68-03/24/69	0	7	
BLRI0335	No	00400	PH (STANDARD UNITS)	07/29/68-03/24/76	7	16	
BLRI0336	No	00400	PH (STANDARD UNITS)	07/29/68-01/29/75	6	15	
BLRI0002	No	00403	PH, LAB, STANDARD UNITS SU	03/28/86-04/11/86	0	2	
BLRI0003	No	00403	PH, LAB, STANDARD UNITS SU	03/28/86-04/11/86	0	2	
BLRI0005	No	00403	PH, LAB, STANDARD UNITS SU	12/03/68-09/28/71	2	8	
BLRI0014	No	00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	11	108	
BLRI0017	No	00403	PH, LAB, STANDARD UNITS SU	07/30/91-04/27/95	3	14	
BLRI0019	No	00403	PH, LAB, STANDARD UNITS SU	08/14/90-08/14/90	0	3	
BLRI0030	No	00403	PH, LAB, STANDARD UNITS SU	09/05/78-07/17/89	10	3	
BLRI0032	No	00403	PH, LAB, STANDARD UNITS SU	12/04/84-12/04/84	0	1	
BLRI0033	No	00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/17/86	0	2	
BLRI0034	No	00403	PH, LAB, STANDARD UNITS SU	03/31/86-03/31/86	0	1	
BLRI0036	No	00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/17/86	0	2	
BLRI0037	No	00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/15/86	0	2	
BLRI0038	No	00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	26	116	
BLRI0039	No	00403	PH, LAB, STANDARD UNITS SU	05/24/73-10/18/73	0	3	
BLRI0040	No	00403	PH, LAB, STANDARD UNITS SU	05/23/73-05/23/73	0	1	
BLRI0041	No	00403	PH, LAB, STANDARD UNITS SU	05/23/73-10/18/73	0	3	
BLRI0043	No	00403	PH, LAB, STANDARD UNITS SU	02/23/76-02/23/76	0	1	
BLRI0044	No	00403	PH, LAB, STANDARD UNITS SU	10/17/75-02/03/76	0	11	
BLRI0049	No	00403	PH, LAB, STANDARD UNITS SU	01/16/69-07/23/70	1	8	
BLRI0050	Yes	00403	PH, LAB, STANDARD UNITS SU	02/23/76-02/23/76	0	1	
BLRI0052	No	00403	PH, LAB, STANDARD UNITS SU	05/23/73-10/18/73	0	3	
BLRI0055	No	00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	25	115	
BLRI0056	No	00403	PH, LAB, STANDARD UNITS SU	08/07/91-09/11/95	4	47	
BLRI0061	No	00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	11	104	
BLRI0062	No	00403	PH, LAB, STANDARD UNITS SU	08/04/88-06/08/89	0	3	
BLRI0064	No	00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	7	64	
BLRI0069	No	00403	PH, LAB, STANDARD UNITS SU	10/16/73-10/18/73	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0070	No	00403	PH, LAB, STANDARD UNITS SU	09/25/67-07/23/70	2	3	
BLRI0071	No	00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	25	110	
BLRI0078	No	00403	PH, LAB, STANDARD UNITS SU	08/06/91-08/06/91	0	1	
BLRI0085	No	00403	PH, LAB, STANDARD UNITS SU	03/16/70-05/14/70	0	3	
BLRI0086	Yes	00403	PH, LAB, STANDARD UNITS SU	07/12/78-07/12/78	0	1	
BLRI0089	No	00403	PH, LAB, STANDARD UNITS SU	05/22/73-09/20/73	0	3	
BLRI0090	No	00403	PH, LAB, STANDARD UNITS SU	09/25/67-06/30/76	8	12	
BLRI0091	No	00403	PH, LAB, STANDARD UNITS SU	10/09/80-05/16/86	5	44	
BLRI0095	No	00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	23	93	
BLRI0097	No	00403	PH, LAB, STANDARD UNITS SU	04/25/83-08/07/95	12	66	
BLRI0098	No	00403	PH, LAB, STANDARD UNITS SU	07/30/90-07/13/95	4	2	
BLRI0099	No	00403	PH, LAB, STANDARD UNITS SU	07/20/72-08/07/95	23	72	
BLRI0102	No	00403	PH, LAB, STANDARD UNITS SU	03/19/87-06/28/88	1	14	
BLRI0104	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/67-05/14/70	2	9	
BLRI0108	No	00403	PH, LAB, STANDARD UNITS SU	08/31/77-08/31/77	0	2	
BLRI0111	No	00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	25	67	
BLRI0112	No	00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	25	97	
BLRI0116	No	00403	PH, LAB, STANDARD UNITS SU	11/17/88-11/17/88	0	1	
BLRI0134	No	00403	PH, LAB, STANDARD UNITS SU	12/18/79-06/03/80	0	7	
BLRI0135	No	00403	PH, LAB, STANDARD UNITS SU	11/19/79-06/03/80	0	8	
BLRI0136	No	00403	PH, LAB, STANDARD UNITS SU	10/24/83-10/21/93	9	9	
BLRI0147	No	00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	0	1	
BLRI0150	No	00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	0	1	
BLRI0153	No	00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00403	PH, LAB, STANDARD UNITS SU	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00403	PH, LAB, STANDARD UNITS SU	05/07/86-05/07/86	0	1	
BLRI0157	No	00403	PH, LAB, STANDARD UNITS SU	06/04/85-07/14/93	8	33	
BLRI0158	No	00403	PH, LAB, STANDARD UNITS SU	12/18/79-03/30/81	1	16	
BLRI0159	No	00403	PH, LAB, STANDARD UNITS SU	10/28/82-05/05/83	0	2	
BLRI0160	No	00403	PH, LAB, STANDARD UNITS SU	05/07/86-05/07/86	0	1	
BLRI0161	No	00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	11	108	
BLRI0162	No	00403	PH, LAB, STANDARD UNITS SU	10/02/73-10/03/73	0	2	
BLRI0163	No	00403	PH, LAB, STANDARD UNITS SU	05/15/86-04/12/91	4	40	
BLRI0164	No	00403	PH, LAB, STANDARD UNITS SU	09/06/87-01/20/88	0	7	
BLRI0165	No	00403	PH, LAB, STANDARD UNITS SU	03/12/80-03/30/81	1	12	
BLRI0182	No	00403	PH, LAB, STANDARD UNITS SU	03/20/85-07/10/85	0	4	
BLRI0193	No	00403	PH, LAB, STANDARD UNITS SU	07/10/85-07/10/85	0	1	
BLRI0196	No	00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	11	98	
BLRI0197	No	00403	PH, LAB, STANDARD UNITS SU	07/16/85-07/16/85	0	1	
BLRI0202	No	00403	PH, LAB, STANDARD UNITS SU	01/24/85-05/18/92	7	48	
BLRI0209	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0212	No	00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	0	1	
BLRI0215	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0216	No	00403	PH, LAB, STANDARD UNITS SU	05/03/83-05/03/83	0	1	
BLRI0223	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0224	No	00403	PH, LAB, STANDARD UNITS SU	03/27/86-12/13/94	8	44	
BLRI0225	No	00403	PH, LAB, STANDARD UNITS SU	02/10/81-01/21/88	6	23	
BLRI0229	No	00403	PH, LAB, STANDARD UNITS SU	04/30/85-07/02/85	0	2	
BLRI0232	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0238	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0240	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0248	No	00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	0	1	
BLRI0249	No	00403	PH, LAB, STANDARD UNITS SU	01/10/85-12/12/94	9	51	
BLRI0251	No	00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	9	53	
BLRI0254	No	00403	PH, LAB, STANDARD UNITS SU	01/18/87-01/18/87	0	5	
BLRI0257	No	00403	PH, LAB, STANDARD UNITS SU	01/18/87-06/01/87	0	11	
BLRI0258	No	00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	0	1	
BLRI0280	No	00403	PH, LAB, STANDARD UNITS SU	08/31/76-01/13/77	0	2	
BLRI0283	No	00403	PH, LAB, STANDARD UNITS SU	02/24/71-02/24/71	0	1	
BLRI0288	No	00403	PH, LAB, STANDARD UNITS SU	04/28/85-06/30/85	0	2	
BLRI0289	No	00403	PH, LAB, STANDARD UNITS SU	06/22/70-09/21/72	2	15	
BLRI0293	No	00403	PH, LAB, STANDARD UNITS SU	04/28/85-06/30/85	0	2	
BLRI0298	No	00403	PH, LAB, STANDARD UNITS SU	08/20/70-08/20/70	0	1	
BLRI0300	No	00403	PH, LAB, STANDARD UNITS SU	03/26/85-07/15/85	0	4	
BLRI0301	No	00403	PH, LAB, STANDARD UNITS SU	01/08/92-02/09/92	0	2	
BLRI0302	No	00403	PH, LAB, STANDARD UNITS SU	07/15/85-07/15/85	0	1	
BLRI0303	No	00403	PH, LAB, STANDARD UNITS SU	04/21/83-12/03/86	3	13	
BLRI0304	No	00403	PH, LAB, STANDARD UNITS SU	11/25/84-11/25/84	0	1	
BLRI0307	No	00403	PH, LAB, STANDARD UNITS SU	08/01/90-08/01/90	0	1	
BLRI0314	No	00403	PH, LAB, STANDARD UNITS SU	08/01/90-08/01/90	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0318	No	00403	PH, LAB, STANDARD UNITS SU	03/26/85-07/09/85	0	4	
BLRI0319	No	00403	PH, LAB, STANDARD UNITS SU	07/09/85-07/09/85	0	1	
BLRI0322	No	00403	PH, LAB, STANDARD UNITS SU	03/26/82-03/26/82	0	1	
BLRI0324	No	00403	PH, LAB, STANDARD UNITS SU	04/22/85-07/16/85	0	2	
BLRI0325	No	00403	PH, LAB, STANDARD UNITS SU	11/12/81-03/26/82	0	3	
BLRI0326	No	00403	PH, LAB, STANDARD UNITS SU	03/26/82-03/26/82	0	1	
BLRI0327	No	00403	PH, LAB, STANDARD UNITS SU	03/25/85-07/16/85	0	4	
BLRI0012	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/20/79-07/20/79	0	1	
BLRI0073	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/27/74-07/19/79	4	2	
BLRI0091	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/72-08/22/79	7	48	
BLRI0115	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/13/74-12/13/78	4	20	
BLRI0119	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/79-07/25/79	0	1	
BLRI0137	No	00405	CARBON DIOXIDE (MG/L AS CO2)	12/07/72-02/21/73	0	2	
BLRI0179	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/15/72-05/14/73	0	3	
BLRI0198	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-08/08/74	0	2	
BLRI0225	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-03/31/81	7	17	
BLRI0263	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/11/72-07/18/72	0	2	
BLRI0269	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-04/22/76	2	3	
BLRI0333	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-08/08/74	0	2	
BLRI0002	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/28/86-04/11/86	0	2	
BLRI0003	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/28/86-04/11/86	0	2	
BLRI0033	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/17/86	0	2	
BLRI0034	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-03/31/86	0	1	
BLRI0036	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/17/86	0	2	
BLRI0037	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/15/86	0	2	
BLRI0147	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	05/07/86-05/07/86	0	1	
BLRI0160	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	05/07/86-05/07/86	0	1	
BLRI0182	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/20/85-07/10/85	0	4	
BLRI0193	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/10/85-07/10/85	0	1	
BLRI0197	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/16/85-07/16/85	0	1	
BLRI0212	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	0	1	
BLRI0229	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/30/85-07/02/85	0	2	
BLRI0258	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	0	1	
BLRI0288	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/28/85-06/30/85	0	2	
BLRI0293	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/28/85-06/30/85	0	2	
BLRI0300	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/26/85-07/15/85	0	4	
BLRI0302	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/15/85-07/15/85	0	1	
BLRI0304	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11/25/84-11/25/84	0	1	
BLRI0318	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/26/85-07/09/85	0	4	
BLRI0319	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/09/85-07/09/85	0	1	
BLRI0324	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/22/85-07/16/85	0	2	
BLRI0327	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/85-07/16/85	0	4	
BLRI0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/72-05/23/72	0	1	
BLRI0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/03/68-09/28/71	2	8	
BLRI0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/72-05/23/72	0	1	
BLRI0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-09/13/95	11	107	
BLRI0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/68-05/21/69	1	2	
BLRI0016	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/91-04/27/95	3	14	
BLRI0018	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0019	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/90-08/14/90	0	3	
BLRI0020	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/79-07/10/79	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0023	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/79-07/20/79	0	1	
BLRI0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/78-07/17/89	10	4	
BLRI0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/04/84-12/04/84	0	1	
BLRI0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/68-08/16/95	26	113	
BLRI0039	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/73-10/18/73	0	3	
BLRI0040	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-05/23/73	0	1	
BLRI0041	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0043	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/23/76-02/23/76	0	1	
BLRI0045	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/68-06/20/68	0	1	
BLRI0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/69-07/23/70	1	8	
BLRI0050	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/23/76-02/23/76	0	1	
BLRI0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0053	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/67-10/14/68	0	16	
BLRI0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/69-08/16/95	25	112	
BLRI0056	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/91-09/11/95	4	47	
BLRI0061	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/84-09/11/95	11	101	
BLRI0062	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/88-06/08/89	0	3	
BLRI0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/88-09/11/95	7	64	
BLRI0069	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/73-10/18/73	0	2	
BLRI0070	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/25/67-07/23/70	2	3	
BLRI0071	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/70-09/11/95	25	107	
BLRI0072	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/67-09/12/68	0	14	
BLRI0073	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/56-07/23/79	22	2	
BLRI0078	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/91-08/06/91	0	1	
BLRI0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/74-07/19/79	4	2	
BLRI0085	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/70-05/14/70	0	3	
BLRI0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/78-07/12/78	0	1	
BLRI0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/74-07/19/79	4	2	
BLRI0089	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/73-09/20/73	0	3	
BLRI0090	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/25/67-06/30/76	8	12	
BLRI0091	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/68-08/27/80	11	304	
BLRI0095	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/72-09/25/95	23	91	
BLRI0096	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/18/70-12/27/73	3	7	
BLRI0097	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/83-08/07/95	12	66	
BLRI0098	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/90-07/13/95	4	2	
BLRI0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/72-08/07/95	23	72	
BLRI0102	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/87-04/26/88	1	12	
BLRI0104	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/67-05/14/70	2	9	
BLRI0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/18/69-02/18/69	0	1	
BLRI0108	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	2	
BLRI0111	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/70-09/25/95	25	65	
BLRI0112	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/70-09/25/95	25	95	
BLRI0115	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/68-12/13/78	10	21	
BLRI0116	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/88-11/17/88	0	1	
BLRI0119	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0121	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/72-02/03/72	0	1	
BLRI0126	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/79-07/25/79	0	1	
BLRI0134	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/73-06/03/80	6	39	
BLRI0135	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-06/03/80	10	34	
BLRI0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-11/01/83	0	2	
BLRI0137	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/28/68-02/21/73	4	17	
BLRI0138	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-08/02/72	0	1	
BLRI0139	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/71-08/02/72	0	2	
BLRI0140	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/70-09/15/71	1	7	
BLRI0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0144	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0145	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0146	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0148	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0149	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/70-09/15/71	1	7	
BLRI0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0152	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/70-06/20/73	3	6	
BLRI0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/82-11/25/86	4	11	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0157	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/70-06/06/90	20	34	
BLRI0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-03/30/81	7	79	
BLRI0159	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/82-05/05/83	0	2	
BLRI0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/79-04/12/91	12	112	
BLRI0162	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/73-10/03/73	0	2	
BLRI0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/15/86-04/12/91	4	38	
BLRI0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-03/30/81	11	42	
BLRI0166	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-10/03/74	5	16	
BLRI0167	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-10/03/74	5	16	
BLRI0168	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-09/26/73	4	14	
BLRI0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-09/26/73	4	14	
BLRI0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-09/26/73	4	14	
BLRI0171	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-09/26/73	4	14	
BLRI0172	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/69-09/26/73	4	15	
BLRI0173	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/71-04/02/75	4	6	
BLRI0174	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/71-06/12/72	1	2	
BLRI0175	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/71-04/02/75	4	7	
BLRI0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/71-01/27/75	3	14	
BLRI0178	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/71-04/02/75	4	7	
BLRI0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/68-05/14/73	4	10	
BLRI0180	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/71-04/03/75	3	10	
BLRI0181	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/68-09/08/75	7	15	
BLRI0183	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/72-04/03/75	2	7	
BLRI0184	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/71-09/26/73	2	8	
BLRI0185	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/72-04/03/75	2	7	
BLRI0186	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-12/14/81	4	16	
BLRI0187	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	39	
BLRI0188	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	39	
BLRI0189	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	39	
BLRI0190	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-12/14/81	4	15	
BLRI0191	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	39	
BLRI0192	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	39	
BLRI0194	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/68-08/01/68	0	6	
BLRI0196	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/70-01/14/93	22	101	
BLRI0198	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0201	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/86-09/30/86	0	1	
BLRI0202	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/85-05/18/92	7	46	
BLRI0203	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/86-09/29/86	0	1	
BLRI0204	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/86-09/29/86	0	1	
BLRI0205	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/86-09/29/86	0	1	
BLRI0206	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/86-09/29/86	0	1	
BLRI0207	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/86-09/30/86	0	1	
BLRI0208	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/86-09/30/86	0	1	
BLRI0209	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0215	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0216	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/83-05/03/83	0	1	
BLRI0217	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/75-03/26/75	0	3	
BLRI0223	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0224	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/86-02/19/92	5	41	
BLRI0225	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/73-03/31/81	7	21	
BLRI0226	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/65-05/25/67	2	17	
BLRI0232	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0233	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/74-04/25/74	0	5	
BLRI0238	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0239	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/74-04/25/74	0	5	
BLRI0240	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0243	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/74-04/25/74	0	6	
BLRI0244	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/74-04/25/74	0	4	
BLRI0245	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/75-12/28/76	1	16	
BLRI0246	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/69-10/05/70	0	4	
BLRI0248	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0249	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/85-04/30/91	6	49	
BLRI0251	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/85-03/18/93	8	52	
BLRI0252	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/65-12/28/76	11	24	
BLRI0255	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/25/74-02/14/75	0	4	
BLRI0260	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/65-10/27/65	0	20	
BLRI0261	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/72-02/07/75	2	8	
BLRI0262	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/72-07/18/72	0	2	
BLRI0264	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/72-01/15/75	2	17	
BLRI0265	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/72-02/07/75	2	7	
BLRI0266	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/06/65-08/06/80	15	28	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0267	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/72-09/11/73	1	6	
BLRI0269	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/73-04/22/76	2	3	
BLRI0270	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/67-05/26/67	0	9	
BLRI0272	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/82-06/04/84	1	23	
BLRI0276	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/82-06/04/84	1	23	
BLRI0277	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/82-06/04/84	1	23	
BLRI0278	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/76-09/09/76	0	12	
BLRI0279	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/76-09/09/76	0	12	
BLRI0280	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/76-03/26/79	2	30	
BLRI0283	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/70-03/11/72	2	9	
BLRI0286	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/83-09/22/83	0	2	
BLRI0287	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/83-09/22/83	0	2	
BLRI0289	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/71-08/31/71	0	1	
BLRI0290	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/71-03/26/79	7	25	
BLRI0292	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/67-07/22/68	1	13	
BLRI0294	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/71-08/31/71	0	1	
BLRI0295	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/20/73-05/05/75	1	16	
BLRI0296	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/71-03/26/79	7	25	
BLRI0298	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/70-03/26/79	9	33	
BLRI0301	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/08/92-02/09/92	0	2	
BLRI0303	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/83-12/03/86	3	13	
BLRI0305	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-11/14/74	3	8	
BLRI0307	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/90-08/01/90	0	1	
BLRI0309	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-11/14/74	3	8	
BLRI0311	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/02/71-11/14/74	3	7	
BLRI0313	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/01/68-03/24/69	0	6	
BLRI0314	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/90-08/01/90	0	1	
BLRI0317	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-03/24/69	4	14	
BLRI0320	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/67-05/27/67	0	8	
BLRI0321	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/67-03/24/69	2	14	
BLRI0322	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/26/82-03/26/82	0	1	
BLRI0325	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/12/81-03/26/82	0	3	
BLRI0326	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/26/82-03/26/82	0	1	
BLRI0328	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/68-03/24/69	0	8	
BLRI0329	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/74-02/24/75	0	10	
BLRI0330	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/74-02/24/75	0	10	
BLRI0331	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/68-03/24/69	0	7	
BLRI0332	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/74-02/24/75	0	8	
BLRI0333	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0334	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/68-03/24/69	0	7	
BLRI0335	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-03/24/76	7	16	
BLRI0336	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-01/29/75	6	15	
BLRI0005	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/28/71-09/28/71	0	1	
BLRI0090	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/25/67-09/25/67	0	1	
BLRI0095	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/72-07/20/72	0	1	
BLRI0099	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/72-07/20/72	0	1	
BLRI0134	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/28/73-09/25/79	5	16	
BLRI0135	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/11/79	9	15	
BLRI0138	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-08/02/72	0	1	
BLRI0139	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/16/71-08/02/72	0	2	
BLRI0140	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-09/15/71	1	7	
BLRI0142	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-09/15/71	1	7	
BLRI0143	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0144	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0145	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0146	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0148	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0149	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	1	7	
BLRI0152	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-06/20/73	3	6	
BLRI0157	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-06/20/73	3	6	
BLRI0158	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/27/73-08/22/80	6	56	
BLRI0161	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/19/79-10/30/86	7	18	
BLRI0165	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-08/12/80	11	31	
BLRI0166	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	15	
BLRI0167	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	15	
BLRI0168	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	14	
BLRI0169	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	13	
BLRI0170	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	14	
BLRI0171	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	13	
BLRI0172	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	4	15	
BLRI0173	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/71-04/02/75	4	6	
BLRI0174	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/71-06/12/72	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0175	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/71-04/02/75	4	7	
BLRI0177	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/71-01/27/75	3	14	
BLRI0178	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/71-04/02/75	4	7	
BLRI0180	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/71-04/03/75	3	9	
BLRI0181	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/10/68-09/08/75	7	15	
BLRI0183	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/12/72-04/03/75	2	7	
BLRI0184	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/71-09/26/73	2	8	
BLRI0185	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/12/72-04/03/75	2	7	
BLRI0194	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/10/68-08/01/68	0	6	
BLRI0196	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/09/70-06/08/72	1	5	
BLRI0216	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/03/83-05/03/83	0	1	
BLRI0226	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-05/25/67	2	17	
BLRI0233	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	0	4	
BLRI0239	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	0	4	
BLRI0243	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	0	6	
BLRI0244	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/17/74-04/25/74	0	3	
BLRI0245	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/20/75-12/28/76	1	16	
BLRI0252	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-12/28/76	11	24	
BLRI0255	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/74-01/15/75	0	2	
BLRI0260	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-10/27/65	0	20	
BLRI0261	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-02/07/75	2	8	
BLRI0264	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/03/72-01/15/75	2	13	
BLRI0265	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-02/07/75	2	7	
BLRI0266	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-08/06/80	15	30	
BLRI0267	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-09/11/73	1	6	
BLRI0270	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/67-05/26/67	0	9	
BLRI0292	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-07/22/68	1	13	
BLRI0295	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/20/73-02/10/75	1	11	
BLRI0303	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/21/83-04/21/83	0	1	
BLRI0305	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/26/71-11/14/74	3	8	
BLRI0309	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/26/71-11/14/74	3	8	
BLRI0311	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/02/71-11/14/74	3	7	
BLRI0313	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/01/68-03/24/69	0	6	
BLRI0317	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/05/65-03/24/69	4	14	
BLRI0320	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-05/27/67	0	9	
BLRI0321	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-03/24/69	2	15	
BLRI0322	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/26/82-03/26/82	0	1	
BLRI0325	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/12/81-03/26/82	0	3	
BLRI0326	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/26/82-03/26/82	0	1	
BLRI0328	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	0	8	
BLRI0329	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-01/29/75	0	5	
BLRI0330	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-01/29/75	0	5	
BLRI0331	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	0	7	
BLRI0332	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-09/16/74	0	4	
BLRI0334	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	0	7	
BLRI0335	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/68-03/24/76	7	14	
BLRI0336	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/68-01/29/75	6	13	
BLRI0254	No	00417	ALKALINITY, FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/18/87-01/18/87	0	1	
BLRI0257	No	00417	ALKALINITY, FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/18/87-01/18/87	0	1	
BLRI0290	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/25/76	0	3	
BLRI0296	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/24/76	0	3	
BLRI0298	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/24/76	0	3	
BLRI0158	No	00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	08/22/80-12/08/80	0	2	
BLRI0161	No	00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	08/22/80-12/08/80	0	2	
BLRI0165	No	00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	12/08/80-12/08/80	0	1	
BLRI0134	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	07/21/80-01/28/81	0	7	
BLRI0135	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	07/21/80-01/28/81	0	7	
BLRI0136	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	12	93	
BLRI0150	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	0	1	
BLRI0153	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-11/25/86	4	9	
BLRI0157	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/04/85-10/07/93	8	46	
BLRI0158	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-03/30/81	0	6	
BLRI0159	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/28/82-05/05/83	0	2	
BLRI0161	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	13	136	
BLRI0163	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/15/86-08/19/91	5	51	
BLRI0165	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-03/30/81	0	4	
BLRI0196	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	12	124	
BLRI0202	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/24/85-10/22/93	8	74	
BLRI0216	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/03/83-05/03/83	0	1	
BLRI0224	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	03/27/86-10/29/93	7	68	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0249	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	01/10/85-10/29/93	8	80	
BLRI0251	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	01/15/85-10/29/93	8	82	
BLRI0301	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/25/91-10/06/93	2	23	
BLRI0303	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	04/21/83-12/03/86	3	11	
BLRI0004	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/72-05/23/72	0	1	
BLRI0010	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/72-05/23/72	0	1	
BLRI0039	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/24/73-10/18/73	0	3	
BLRI0040	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/73-05/23/73	0	1	
BLRI0041	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0052	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0069	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/16/73-10/18/73	0	2	
BLRI0089	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/22/73-09/20/73	0	3	
BLRI0111	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/27/78-04/27/78	0	1	
BLRI0121	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/03/72-02/03/72	0	1	
BLRI0140	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0142	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0150	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0159	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/28/82-05/05/83	0	2	
BLRI0161	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/20/80-02/23/90	9	22	
BLRI0162	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/02/73-10/03/73	0	2	
BLRI0174	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	01/28/71-09/13/71	0	2	
BLRI0175	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	01/27/71-01/27/71	0	1	
BLRI0184	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/26/73-09/26/73	0	1	
BLRI0186	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-12/14/81	4	16	
BLRI0187	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	40	
BLRI0188	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	40	
BLRI0189	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	40	
BLRI0190	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-12/14/81	4	16	
BLRI0191	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	40	
BLRI0192	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/11/77-06/25/84	6	40	
BLRI0202	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/31/85-10/31/85	0	1	
BLRI0216	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/03/83-05/03/83	0	1	
BLRI0264	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/03/72-01/15/75	2	7	
BLRI0290	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/16/76-05/25/76	0	3	
BLRI0296	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/16/76-05/24/76	0	3	
BLRI0298	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/16/76-05/24/76	0	3	
BLRI0303	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/21/83-04/21/83	0	1	
BLRI0325	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	11/12/81-12/02/81	0	2	
BLRI0135	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	03/23/78-03/23/78	0	1	
BLRI0161	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	04/10/80-02/23/90	9	4	
BLRI0174	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	01/28/71-09/13/71	0	2	
BLRI0175	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	01/27/71-01/27/71	0	1	
BLRI0264	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	08/03/72-01/15/75	2	5	
BLRI0290	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	03/16/76-05/25/76	0	3	
BLRI0296	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	03/16/76-05/24/76	0	3	
BLRI0298	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	03/16/76-05/24/76	0	3	
BLRI0311	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	02/16/71-02/16/71	0	1	
BLRI0002	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/28/86-04/11/86	0	2	
BLRI0003	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/28/86-04/11/86	0	2	
BLRI0011	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	4	2	
BLRI0015	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/20/79-07/20/79	0	1	
BLRI0033	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/17/86	0	2	
BLRI0034	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-03/31/86	0	1	
BLRI0036	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/17/86	0	2	
BLRI0037	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/15/86	0	2	
BLRI0045	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/07/52-06/20/68	15	4	
BLRI0053	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/17/67-10/14/68	0	16	
BLRI0060	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/07/45-05/07/45	0	1	
BLRI0072	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/17/67-09/12/68	0	14	
BLRI0073	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/27/74-07/19/79	4	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0091	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	10	296	
BLRI0096	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/18/70-12/27/73	3	4	
BLRI0106	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/05/45-02/18/69	23	8	
BLRI0115	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/01/29-12/13/78	49	73	S
BLRI0119	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/25/79-07/25/79	0	1	
BLRI0137	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/55-02/21/73	17	24	
BLRI0156	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/07/86-05/07/86	0	1	
BLRI0160	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/07/86-05/07/86	0	1	
BLRI0179	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/56-05/14/73	16	12	
BLRI0182	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/20/85-07/10/85	0	4	
BLRI0193	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/10/85-07/10/85	0	1	
BLRI0195	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/57-04/19/62	4	8	
BLRI0197	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/16/85-07/16/85	0	1	
BLRI0198	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/73-08/08/74	0	2	
BLRI0220	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/06/57-04/04/58	0	2	
BLRI0225	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/02/56-03/31/81	24	27	
BLRI0229	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/30/85-07/02/85	0	2	
BLRI0246	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/06/57-10/05/70	12	12	
BLRI0262	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	15	52	
BLRI0269	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/73-04/22/76	2	3	
BLRI0288	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/85-06/30/85	0	2	
BLRI0293	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/28/85-06/30/85	0	2	
BLRI0300	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/26/85-07/15/85	0	4	
BLRI0302	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/15/85-07/15/85	0	1	
BLRI0312	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/54-05/04/61	6	9	
BLRI0318	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/26/85-07/09/85	0	4	
BLRI0319	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/85-07/09/85	0	1	
BLRI0324	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/22/85-07/16/85	0	2	
BLRI0327	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/25/85-07/16/85	0	4	
BLRI0333	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/73-08/08/74	0	2	
BLRI0011	No	00445	CARBONATE ION (MG/L AS CO3)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	4	2	
BLRI0015	No	00445	CARBONATE ION (MG/L AS CO3)	03/05/68-05/21/69	1	2	
BLRI0016	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/20/79-07/20/79	0	1	
BLRI0045	No	00445	CARBONATE ION (MG/L AS CO3)	06/20/68-06/20/68	0	1	
BLRI0053	No	00445	CARBONATE ION (MG/L AS CO3)	10/17/67-10/14/68	0	16	
BLRI0072	No	00445	CARBONATE ION (MG/L AS CO3)	10/17/67-09/12/68	0	13	
BLRI0073	No	00445	CARBONATE ION (MG/L AS CO3)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/27/74-07/19/79	4	2	
BLRI0091	No	00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	10	222	
BLRI0096	No	00445	CARBONATE ION (MG/L AS CO3)	09/25/72-12/27/73	1	3	
BLRI0106	No	00445	CARBONATE ION (MG/L AS CO3)	02/18/69-02/18/69	0	1	
BLRI0115	No	00445	CARBONATE ION (MG/L AS CO3)	04/01/29-12/13/78	49	56	S
BLRI0119	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/25/79-07/25/79	0	1	
BLRI0137	No	00445	CARBONATE ION (MG/L AS CO3)	05/28/68-02/21/73	4	15	
BLRI0179	No	00445	CARBONATE ION (MG/L AS CO3)	07/30/68-05/14/73	4	9	
BLRI0198	No	00445	CARBONATE ION (MG/L AS CO3)	10/23/73-10/23/73	0	1	
BLRI0225	No	00445	CARBONATE ION (MG/L AS CO3)	10/23/73-03/31/81	7	17	
BLRI0246	No	00445	CARBONATE ION (MG/L AS CO3)	11/10/69-10/05/70	0	4	
BLRI0262	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/11/72-07/18/72	0	2	
BLRI0269	No	00445	CARBONATE ION (MG/L AS CO3)	10/23/73-04/22/76	2	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0333	No	00445	CARBONATE ION (MG/L AS CO3)	10/23/73-10/23/73	0	1	
BLRI0282	No	00450	BICARBONATE, INCREMENTAL TITRATION, (HCO3) FIELD MG/L	07/22/79-07/22/79	0	2	
BLRI0164	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	12/24/87-12/24/87	0	1	
BLRI0196	No	00480	SALINITY - PARTS PER THOUSAND	12/14/89-01/17/91	1	4	
BLRI0202	No	00480	SALINITY - PARTS PER THOUSAND	12/14/89-02/01/90	0	3	
BLRI0107	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	06/02/87-06/02/87	0	2	
BLRI0005	No	00500	RESIDUE, TOTAL (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00500	RESIDUE, TOTAL (MG/L)	04/30/79-08/13/92	13	38	
BLRI0017	No	00500	RESIDUE, TOTAL (MG/L)	07/30/91-08/26/92	1	4	
BLRI0019	No	00500	RESIDUE, TOTAL (MG/L)	08/14/90-08/14/90	0	3	
BLRI0038	No	00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	26	104	
BLRI0039	No	00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/16/73	0	1	
BLRI0041	No	00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/16/73	0	1	
BLRI0043	No	00500	RESIDUE, TOTAL (MG/L)	11/20/74-05/03/79	4	42	
BLRI0049	No	00500	RESIDUE, TOTAL (MG/L)	01/16/69-12/02/78	9	63	
BLRI0050	Yes	00500	RESIDUE, TOTAL (MG/L)	11/20/74-06/18/79	4	40	
BLRI0052	No	00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/18/73	0	2	
BLRI0055	No	00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	25	141	
BLRI0056	No	00500	RESIDUE, TOTAL (MG/L)	08/07/91-08/05/92	0	12	
BLRI0058	No	00500	RESIDUE, TOTAL (MG/L)	06/06/74-12/02/78	4	35	
BLRI0061	No	00500	RESIDUE, TOTAL (MG/L)	04/09/79-08/05/92	13	35	
BLRI0062	No	00500	RESIDUE, TOTAL (MG/L)	11/28/88-06/08/89	0	2	
BLRI0064	No	00500	RESIDUE, TOTAL (MG/L)	11/28/88-08/05/92	3	27	
BLRI0069	No	00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/18/73	0	2	
BLRI0070	No	00500	RESIDUE, TOTAL (MG/L)	04/23/70-12/02/78	8	54	
BLRI0071	No	00500	RESIDUE, TOTAL (MG/L)	03/25/70-08/05/92	22	89	
BLRI0085	No	00500	RESIDUE, TOTAL (MG/L)	03/16/70-05/14/70	0	3	
BLRI0089	No	00500	RESIDUE, TOTAL (MG/L)	09/18/73-09/20/73	0	2	
BLRI0090	No	00500	RESIDUE, TOTAL (MG/L)	02/18/68-05/04/70	2	10	
BLRI0095	No	00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	23	83	
BLRI0097	No	00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	12	66	
BLRI0099	No	00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	12	71	
BLRI0102	No	00500	RESIDUE, TOTAL (MG/L)	07/18/79-03/21/85	5	17	
BLRI0104	Yes	00500	RESIDUE, TOTAL (MG/L)	09/26/67-05/18/83	15	20	
BLRI0110	No	00500	RESIDUE, TOTAL (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	25	70	
BLRI0112	No	00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	25	86	
BLRI0113	No	00500	RESIDUE, TOTAL (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00500	RESIDUE, TOTAL (MG/L)	06/09/82-05/24/83	0	31	
BLRI0120	No	00500	RESIDUE, TOTAL (MG/L)	02/03/72-05/04/72	0	7	
BLRI0121	No	00500	RESIDUE, TOTAL (MG/L)	02/03/72-05/04/72	0	4	
BLRI0122	No	00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	4	125	
BLRI0124	No	00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	4	126	
BLRI0134	No	00500	RESIDUE, TOTAL (MG/L)	02/27/79-02/27/79	0	1	
BLRI0135	No	00500	RESIDUE, TOTAL (MG/L)	02/27/79-02/27/79	0	1	
BLRI0136	No	00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	13	94	
BLRI0138	No	00500	RESIDUE, TOTAL (MG/L)	08/02/72-08/02/72	0	1	
BLRI0139	No	00500	RESIDUE, TOTAL (MG/L)	08/02/72-08/02/72	0	1	
BLRI0157	No	00500	RESIDUE, TOTAL (MG/L)	06/04/85-07/14/93	8	45	
BLRI0158	No	00500	RESIDUE, TOTAL (MG/L)	05/25/77-03/30/81	3	16	
BLRI0161	No	00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	138	
BLRI0162	No	00500	RESIDUE, TOTAL (MG/L)	10/02/73-10/03/73	0	2	
BLRI0163	No	00500	RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	5	63	
BLRI0165	No	00500	RESIDUE, TOTAL (MG/L)	03/12/80-03/30/81	1	5	
BLRI0167	No	00500	RESIDUE, TOTAL (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00500	RESIDUE, TOTAL (MG/L)	06/12/72-01/16/74	1	2	
BLRI0174	No	00500	RESIDUE, TOTAL (MG/L)	09/13/71-06/12/72	0	2	
BLRI0175	No	00500	RESIDUE, TOTAL (MG/L)	06/12/72-04/02/75	2	2	
BLRI0177	No	00500	RESIDUE, TOTAL (MG/L)	01/07/74-07/30/74	0	7	
BLRI0178	No	00500	RESIDUE, TOTAL (MG/L)	06/12/72-06/12/72	0	1	
BLRI0180	No	00500	RESIDUE, TOTAL (MG/L)	06/12/72-06/27/74	2	2	
BLRI0181	No	00500	RESIDUE, TOTAL (MG/L)	01/10/68-08/27/68	0	8	
BLRI0184	No	00500	RESIDUE, TOTAL (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00500	RESIDUE, TOTAL (MG/L)	04/03/75-04/03/75	0	1	
BLRI0194	No	00500	RESIDUE, TOTAL (MG/L)	01/10/68-08/01/68	0	6	
BLRI0196	No	00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	19	115	
BLRI0202	No	00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	6	68	
BLRI0211	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	1	2	
BLRI0214	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	1	2	
BLRI0222	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	1	2	
BLRI0224	No	00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	8	94	
BLRI0226	No	00500	RESIDUE, TOTAL (MG/L)	01/25/67-05/25/67	0	7	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0230	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/31/90	0	1	
BLRI0237	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/28/92	1	2	
BLRI0241	No	00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/28/92	1	2	
BLRI0247	No	00500	RESIDUE, TOTAL (MG/L)	07/28/92-07/28/92	0	1	
BLRI0249	No	00500	RESIDUE, TOTAL (MG/L)	01/10/85-04/30/91	6	52	
BLRI0251	No	00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	9	110	
BLRI0252	No	00500	RESIDUE, TOTAL (MG/L)	01/06/65-10/28/65	0	8	
BLRI0260	No	00500	RESIDUE, TOTAL (MG/L)	01/06/65-10/27/65	0	8	
BLRI0266	No	00500	RESIDUE, TOTAL (MG/L)	01/06/65-09/12/68	3	15	
BLRI0270	No	00500	RESIDUE, TOTAL (MG/L)	01/24/67-04/28/67	0	5	
BLRI0292	No	00500	RESIDUE, TOTAL (MG/L)	01/23/67-10/23/68	1	14	
BLRI0301	No	00500	RESIDUE, TOTAL (MG/L)	03/17/92-03/17/92	0	1	
BLRI0305	No	00500	RESIDUE, TOTAL (MG/L)	05/18/72-07/20/72	0	3	
BLRI0306	No	00500	RESIDUE, TOTAL (MG/L)	08/01/90-08/24/93	3	11	
BLRI0309	No	00500	RESIDUE, TOTAL (MG/L)	05/18/72-06/14/73	1	4	
BLRI0313	No	00500	RESIDUE, TOTAL (MG/L)	05/01/68-03/24/69	0	8	
BLRI0315	No	00500	RESIDUE, TOTAL (MG/L)	08/01/90-08/24/93	3	10	
BLRI0317	No	00500	RESIDUE, TOTAL (MG/L)	05/01/68-03/24/69	0	8	
BLRI0320	No	00500	RESIDUE, TOTAL (MG/L)	02/12/67-05/27/67	0	6	
BLRI0321	No	00500	RESIDUE, TOTAL (MG/L)	02/12/67-03/24/69	2	13	
BLRI0328	No	00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	0	8	
BLRI0329	No	00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	0	8	
BLRI0330	No	00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	0	8	
BLRI0331	No	00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	0	7	
BLRI0332	No	00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	0	8	
BLRI0334	No	00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	0	7	
BLRI0335	No	00500	RESIDUE, TOTAL (MG/L)	09/16/74-03/24/76	1	3	
BLRI0336	No	00500	RESIDUE, TOTAL (MG/L)	09/16/74-01/29/75	0	2	
BLRI0005	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/79-08/13/92	13	39	
BLRI0017	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/30/91-08/26/92	1	4	
BLRI0019	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/14/90-08/14/90	0	3	
BLRI0038	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	26	104	
BLRI0043	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/20/74-05/03/79	4	42	
BLRI0049	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/69-12/02/78	9	63	
BLRI0050	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/20/74-06/18/79	4	40	
BLRI0055	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	25	141	
BLRI0056	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/07/91-08/05/92	0	12	
BLRI0058	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/06/74-12/02/78	4	35	
BLRI0061	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/09/79-08/05/92	13	35	
BLRI0062	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/28/88-06/08/89	0	2	
BLRI0064	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/28/88-08/05/92	3	27	
BLRI0070	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/25/67-12/02/78	11	55	
BLRI0071	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/25/70-08/05/92	22	89	
BLRI0085	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-05/14/70	0	3	
BLRI0090	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/25/67-05/04/70	2	11	
BLRI0095	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	23	83	
BLRI0097	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	12	65	
BLRI0099	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	12	71	
BLRI0102	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/18/79-03/21/85	5	17	
BLRI0104	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/26/67-05/18/83	15	20	
BLRI0110	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	25	70	
BLRI0112	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	25	85	
BLRI0113	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/09/82-05/24/83	0	31	
BLRI0122	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	4	115	
BLRI0124	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	4	113	
BLRI0138	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/02/72-08/02/72	0	1	
BLRI0139	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/02/72-08/02/72	0	1	
BLRI0161	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	4	53	
BLRI0162	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/02/73-10/03/73	0	2	
BLRI0163	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/15/86-10/24/89	3	38	
BLRI0167	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-01/16/74	1	2	
BLRI0174	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/13/71-06/12/72	0	2	
BLRI0175	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-04/02/75	2	2	
BLRI0177	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/74-07/30/74	0	3	
BLRI0178	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-06/12/72	0	1	
BLRI0180	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-06/27/74	2	2	
BLRI0184	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/03/75-04/03/75	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0196	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/08/72-06/08/72	0	1	
BLRI0224	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/27/86-11/07/89	3	37	
BLRI0305	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/72-07/20/72	0	3	
BLRI0309	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/72-06/14/73	1	4	
BLRI0329	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0330	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0332	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0335	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/16/74-03/24/76	1	2	
BLRI0336	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/16/74-01/29/75	0	2	
BLRI0005	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/79-08/13/92	13	39	
BLRI0017	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/25/92-08/26/92	0	3	
BLRI0019	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/14/90-08/14/90	0	3	
BLRI0038	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	26	103	
BLRI0043	No	00510	RESIDUE, TOTAL FIXED (MG/L)	11/20/74-05/03/79	4	42	
BLRI0049	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-12/02/78	9	63	
BLRI0050	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	11/20/74-06/18/79	4	40	
BLRI0055	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	25	141	
BLRI0056	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/07/91-08/05/92	0	12	
BLRI0058	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/06/74-12/02/78	4	35	
BLRI0061	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/09/79-08/05/92	13	36	
BLRI0062	No	00510	RESIDUE, TOTAL FIXED (MG/L)	11/28/88-06/08/89	0	2	
BLRI0064	No	00510	RESIDUE, TOTAL FIXED (MG/L)	11/28/88-08/05/92	3	27	
BLRI0070	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/70-12/02/78	8	54	
BLRI0071	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/25/70-08/05/92	22	89	
BLRI0085	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-05/14/70	0	3	
BLRI0090	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/18/68-05/04/70	2	9	
BLRI0095	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	23	83	
BLRI0097	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	12	66	
BLRI0099	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	12	71	
BLRI0102	No	00510	RESIDUE, TOTAL FIXED (MG/L)	07/18/79-03/19/87	7	18	
BLRI0104	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/69-05/18/83	14	18	
BLRI0110	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	25	70	
BLRI0112	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	25	85	
BLRI0113	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/09/82-05/24/83	0	31	
BLRI0122	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	4	115	
BLRI0124	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	4	114	
BLRI0138	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/02/72-08/02/72	0	1	
BLRI0139	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/02/72-08/02/72	0	1	
BLRI0161	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	4	53	
BLRI0163	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/15/86-10/24/89	3	38	
BLRI0167	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-01/16/74	1	2	
BLRI0174	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/13/71-06/12/72	0	2	
BLRI0175	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-04/02/75	2	2	
BLRI0177	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/74-07/30/74	0	3	
BLRI0178	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-06/12/72	0	1	
BLRI0180	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-06/27/74	2	2	
BLRI0184	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/03/75-04/03/75	0	1	
BLRI0196	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/08/72-06/08/72	0	1	
BLRI0224	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/27/86-11/07/89	3	37	
BLRI0305	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/72-07/20/72	0	3	
BLRI0306	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/03/92-08/03/92	0	1	
BLRI0309	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/72-06/14/73	1	4	
BLRI0329	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	0	8	
BLRI0330	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	0	8	
BLRI0332	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	0	8	
BLRI0335	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/16/74-03/24/76	1	2	
BLRI0336	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/16/74-01/29/75	0	2	
BLRI0096	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/18/70-05/22/72	2	3	
BLRI0162	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/02/73-10/03/73	0	2	
BLRI0181	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/10/68-08/27/68	0	8	
BLRI0194	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/10/68-08/01/68	0	6	
BLRI0226	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/25/67-05/25/67	0	7	
BLRI0252	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/06/65-10/28/65	0	8	
BLRI0260	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/06/65-10/27/65	0	8	
BLRI0266	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/06/65-09/12/68	3	15	
BLRI0270	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/67-05/26/67	0	8	
BLRI0292	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/67-10/23/68	1	14	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0313	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/68-03/24/69	0	8	
BLRI0317	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/68-03/24/69	0	8	
BLRI0320	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/12/67-04/09/67	0	4	
BLRI0321	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/12/67-03/24/69	2	9	
BLRI0328	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	0	8	
BLRI0331	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	0	7	
BLRI0334	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	0	7	
BLRI0335	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/73-01/29/75	1	4	
BLRI0336	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/73-01/29/75	1	4	
BLRI0070	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	06/17/76-06/17/76	0	1	
BLRI0335	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	12/08/70-12/08/70	0	1	
BLRI0336	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	12/08/70-12/08/70	0	1	
BLRI0335	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	06/21/73-06/21/73	0	1	
BLRI0336	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	06/21/73-06/21/73	0	1	
BLRI0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	16	165	
BLRI0017	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/25/92-04/27/95	3	13	
BLRI0019	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/90-08/14/90	0	3	
BLRI0024	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/79-01/11/80	0	57	
BLRI0025	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/79-01/11/80	0	109	
BLRI0026	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/79-01/11/80	0	13	
BLRI0027	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/79-01/11/80	0	13	
BLRI0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/82-08/30/85	3	41	
BLRI0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/94-08/15/94	0	1	
BLRI0031	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/81-08/30/85	4	189	
BLRI0032	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/29/83-12/04/84	1	2	
BLRI0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	26	204	T,A
BLRI0039	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	0	2	
BLRI0041	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	0	2	
BLRI0043	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	44	
BLRI0049	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-12/02/78	9	63	
BLRI0050	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	41	
BLRI0052	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	0	2	
BLRI0055	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	25	245	T,A
BLRI0056	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/91-09/11/95	4	48	
BLRI0058	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/06/74-12/02/78	4	36	
BLRI0061	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	16	161	
BLRI0062	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-06/08/89	0	3	
BLRI0064	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	7	64	
BLRI0069	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	0	2	
BLRI0070	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/70-12/02/78	8	55	
BLRI0071	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	25	215	T
BLRI0081	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-08/09/84	2	33	
BLRI0082	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-06/09/82	0	14	
BLRI0083	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-08/09/84	2	33	
BLRI0085	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-05/14/70	0	3	
BLRI0089	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/18/73-09/20/73	0	2	
BLRI0090	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/18/68-06/07/79	11	55	
BLRI0095	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	23	182	
BLRI0096	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/70-12/27/73	3	7	
BLRI0097	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	66	
BLRI0098	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/30/90-07/13/95	4	2	
BLRI0099	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	71	
BLRI0102	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	8	112	
BLRI0104	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/67-05/18/83	15	20	
BLRI0110	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	215	T,A
BLRI0112	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	187	T
BLRI0113	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/82-05/24/83	0	44	
BLRI0120	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/72-05/04/72	0	7	
BLRI0121	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/72-05/04/72	0	4	
BLRI0122	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	4	125	
BLRI0124	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	4	125	
BLRI0133	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/93-08/10/93	0	1	
BLRI0134	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/79-02/27/79	0	1	
BLRI0135	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/79-02/27/79	0	1	
BLRI0136	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	13	96	
BLRI0138	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0139	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0157	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/85-12/20/94	9	60	
BLRI0158	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/77-03/30/81	3	16	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0161	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	15	174	
BLRI0162	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/02/73-10/03/73	0	2	
BLRI0163	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	5	63	
BLRI0165	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/12/80-03/30/81	1	5	
BLRI0167	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/28/71-01/27/75	3	5	
BLRI0174	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/28/71-06/12/72	1	3	
BLRI0175	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	4	
BLRI0177	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/71-01/27/75	3	5	
BLRI0178	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-06/12/72	1	3	
BLRI0180	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/71-04/03/75	3	5	
BLRI0181	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/75-09/08/75	0	9	
BLRI0183	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/75-01/27/75	0	1	
BLRI0184	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/75-04/03/75	0	2	
BLRI0186	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-01/03/82	4	24	
BLRI0187	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	7	60	
BLRI0188	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	7	60	
BLRI0189	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	7	60	
BLRI0190	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-01/03/82	4	23	
BLRI0191	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	7	60	
BLRI0192	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	7	60	
BLRI0196	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	23	153	
BLRI0202	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	9	100	
BLRI0211	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	1	2	
BLRI0214	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	1	2	
BLRI0222	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	1	2	
BLRI0224	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	8	96	
BLRI0230	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/31/90	0	1	
BLRI0237	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/28/92	1	2	
BLRI0241	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/92-07/28/92	0	1	
BLRI0245	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/20/75-12/28/76	1	16	
BLRI0247	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/92-07/28/92	0	1	
BLRI0249	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	9	90	
BLRI0251	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	9	113	
BLRI0252	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/75-12/28/76	1	16	
BLRI0266	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/75-08/06/80	5	20	
BLRI0271	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	0	15	
BLRI0273	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	0	15	
BLRI0274	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	0	15	
BLRI0275	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/04/81	0	14	
BLRI0278	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/77-04/24/77	0	86	
BLRI0279	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	691	
BLRI0280	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/77-11/12/77	0	166	
BLRI0281	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	780	
BLRI0282	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	751	
BLRI0284	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	693	
BLRI0301	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/91-10/17/94	3	35	
BLRI0305	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	6	
BLRI0306	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/90-08/24/93	3	10	
BLRI0309	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	7	
BLRI0315	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/90-08/24/93	3	10	
BLRI0322	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/82-03/26/82	0	1	
BLRI0325	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/12/81-03/26/82	0	3	
BLRI0326	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/82-03/26/82	0	1	
BLRI0329	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0330	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0332	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	7	
BLRI0335	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/74-03/24/76	1	2	
BLRI0336	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/74-01/29/75	0	2	
BLRI0005	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	16	165	
BLRI0017	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/25/92-04/27/95	3	13	
BLRI0019	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/14/90-08/14/90	0	3	
BLRI0030	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/15/94-08/15/94	0	1	
BLRI0038	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	26	205	T,A
BLRI0043	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	43	
BLRI0049	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/16/69-12/02/78	9	63	
BLRI0050	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	41	
BLRI0055	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	25	244	T,A
BLRI0056	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/07/91-09/11/95	4	48	
BLRI0058	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/74-12/02/78	4	36	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0061	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	16	161	
BLRI0062	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-06/08/89	0	3	
BLRI0064	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	7	64	
BLRI0070	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-12/02/78	11	54	
BLRI0071	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	25	214	T
BLRI0085	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-05/14/70	0	3	
BLRI0090	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-06/07/79	11	57	
BLRI0095	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	23	181	
BLRI0097	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	66	
BLRI0098	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/30/90-07/13/95	4	2	
BLRI0099	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	70	
BLRI0102	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	8	112	
BLRI0104	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/26/67-05/18/83	15	21	
BLRI0110	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	214	T,A
BLRI0112	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	187	T
BLRI0113	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/09/82-05/24/83	0	44	
BLRI0122	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	4	117	
BLRI0124	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	4	117	
BLRI0133	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/93-08/10/93	0	1	
BLRI0138	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0139	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0161	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	4	54	
BLRI0162	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/02/73-10/03/73	0	2	
BLRI0163	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/86-10/24/89	3	38	
BLRI0167	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/28/71-01/27/75	3	5	
BLRI0174	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/28/71-06/12/72	1	3	
BLRI0175	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	4	
BLRI0177	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/13/71-01/27/75	3	5	
BLRI0178	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-06/12/72	1	3	
BLRI0180	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/13/71-04/03/75	3	5	
BLRI0183	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/75-01/27/75	0	1	
BLRI0184	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/75-04/03/75	0	2	
BLRI0186	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0187	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0188	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0189	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0190	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	4	
BLRI0191	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0192	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0196	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/14/71-06/08/72	0	2	
BLRI0224	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/27/86-11/07/89	3	37	
BLRI0266	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/06/80-08/06/80	0	1	
BLRI0278	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/24/77-04/24/77	0	86	
BLRI0279	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	691	
BLRI0280	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/06/77-11/12/77	0	166	
BLRI0281	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	780	
BLRI0282	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	751	
BLRI0284	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	693	
BLRI0305	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	6	
BLRI0309	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	7	
BLRI0329	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0330	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	8	
BLRI0332	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	7	
BLRI0335	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/16/74-03/24/76	1	2	
BLRI0336	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/16/74-01/29/75	0	2	
BLRI0005	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/03/68-05/29/70	1	7	
BLRI0014	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	16	165	
BLRI0017	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/25/92-04/27/95	3	13	
BLRI0019	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/14/90-08/14/90	0	3	
BLRI0030	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/15/94-08/15/94	0	1	
BLRI0038	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	26	204	T,A
BLRI0043	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	44	
BLRI0049	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-12/02/78	9	64	
BLRI0050	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/20/74-06/18/79	4	41	
BLRI0055	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	25	245	T,A
BLRI0056	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/07/91-09/11/95	4	48	
BLRI0058	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/74-12/02/78	4	36	
BLRI0061	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	16	161	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0062	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-06/08/89	0	3	
BLRI0064	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	7	64	
BLRI0070	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/23/70-12/02/78	8	55	
BLRI0071	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	25	214	T
BLRI0085	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-05/14/70	0	3	
BLRI0090	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/18/68-06/07/79	11	55	
BLRI0095	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	23	182	
BLRI0097	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	66	
BLRI0098	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/30/90-07/13/95	4	2	
BLRI0099	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	12	71	
BLRI0102	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	8	111	
BLRI0104	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/10/68-05/18/83	15	19	
BLRI0110	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/30/82-05/18/83	0	11	
BLRI0111	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	215	T,A
BLRI0112	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	25	187	T
BLRI0113	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/23/82-05/11/83	0	12	
BLRI0117	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/09/82-05/24/83	0	44	
BLRI0122	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	4	117	
BLRI0124	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	4	117	
BLRI0133	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/93-08/10/93	0	1	
BLRI0138	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0139	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-08/02/72	1	3	
BLRI0161	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	4	53	
BLRI0163	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/86-10/24/89	3	38	
BLRI0167	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/72-08/10/72	0	1	
BLRI0173	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/28/71-01/16/74	2	4	
BLRI0174	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/28/71-06/12/72	1	3	
BLRI0175	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	4	
BLRI0177	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/13/71-07/30/74	2	4	
BLRI0178	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-06/12/72	1	3	
BLRI0180	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/13/71-04/03/75	3	4	
BLRI0184	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/72-05/29/73	1	5	
BLRI0185	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/03/75-04/03/75	0	1	
BLRI0186	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0187	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0188	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0189	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0190	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	4	
BLRI0191	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0192	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	0	5	
BLRI0196	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/14/71-06/08/72	0	2	
BLRI0224	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/27/86-11/07/89	3	37	
BLRI0278	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/24/77-04/24/77	0	86	
BLRI0279	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	691	
BLRI0280	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/06/77-11/12/77	0	166	
BLRI0281	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	780	
BLRI0282	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	751	
BLRI0284	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	4	693	
BLRI0305	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	6	
BLRI0309	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/26/71-08/05/74	3	7	
BLRI0329	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	7	
BLRI0330	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	7	
BLRI0332	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	0	7	
BLRI0335	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/16/74-03/24/76	1	2	
BLRI0336	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/16/74-01/29/75	0	2	
BLRI0005	No	00545	RESIDUE, SETTLEABLE (ML/L)	12/03/68-12/03/68	0	1	
BLRI0104	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	04/10/68-04/10/68	0	1	
BLRI0138	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/02/72-08/02/72	0	1	
BLRI0139	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/27/71-08/02/72	1	3	
BLRI0162	No	00545	RESIDUE, SETTLEABLE (ML/L)	10/02/73-10/03/73	0	2	
BLRI0173	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/16/74-01/27/75	1	2	
BLRI0175	No	00545	RESIDUE, SETTLEABLE (ML/L)	04/02/75-04/02/75	0	1	
BLRI0177	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/07/74-01/27/75	1	6	
BLRI0180	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/27/74-04/03/75	0	3	
BLRI0183	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/27/75-01/27/75	0	1	
BLRI0184	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/25/71-09/26/73	2	6	
BLRI0185	No	00545	RESIDUE, SETTLEABLE (ML/L)	01/27/75-04/03/75	0	2	
BLRI0305	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/05/74-08/05/74	0	1	
BLRI0309	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/05/74-08/05/74	0	1	
BLRI0134	No	00546	RESIDUE, SETTLEABLE (MG/L)	04/04/74-04/04/74	0	1	
BLRI0177	No	00546	RESIDUE, SETTLEABLE (MG/L)	06/19/73-07/30/74	1	5	
BLRI0180	No	00546	RESIDUE, SETTLEABLE (MG/L)	06/19/73-06/27/74	1	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0184	No	00546	RESIDUE, SETTLEABLE (MG/L)	05/29/73-09/26/73	0	3	
BLRI0305	No	00546	RESIDUE, SETTLEABLE (MG/L)	08/05/74-09/18/74	0	2	
BLRI0309	No	00546	RESIDUE, SETTLEABLE (MG/L)	08/05/74-09/18/74	0	2	
BLRI0104	Yes	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/16/70-03/16/70	0	1	
BLRI0112	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	08/21/67-08/21/67	0	1	
BLRI0135	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/18/73-07/18/73	0	1	
BLRI0140	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0142	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0144	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0145	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0146	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0148	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0149	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	0	1	
BLRI0039	No	00590	INVALID PARAMETER	10/18/73-10/18/73	0	1	
BLRI0041	No	00590	INVALID PARAMETER	10/18/73-10/18/73	0	1	
BLRI0052	No	00590	INVALID PARAMETER	10/18/73-10/18/73	0	1	
BLRI0024	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-12/11/79	0	7	
BLRI0025	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0026	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0027	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0055	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/89-06/13/89	0	1	
BLRI0115	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	117	
BLRI0164	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	1	8	
BLRI0186	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0187	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0188	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0189	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0190	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0191	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0192	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0198	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/22/76-01/20/88	11	28	
BLRI0269	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0280	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/19/76-03/26/79	2	30	
BLRI0290	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/30/76-03/26/79	2	21	
BLRI0296	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/30/76-03/26/79	2	21	
BLRI0298	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/02/72-03/26/79	6	20	
BLRI0333	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0335	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-01/29/75	1	4	
BLRI0336	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-01/29/75	1	4	
BLRI0225	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/02/79-03/30/81	1	10	
BLRI0039	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0041	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0052	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0069	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0089	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/73-09/20/73	0	2	
BLRI0111	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/71-04/04/71	0	1	
BLRI0112	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/71-04/04/71	0	1	
BLRI0115	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	116	
BLRI0164	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/17/87-01/20/88	0	5	
BLRI0181	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/10/68-09/08/75	7	15	
BLRI0194	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/10/68-08/01/68	0	6	
BLRI0198	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/22/76-01/21/88	11	33	
BLRI0226	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/06/65-05/25/67	2	17	
BLRI0245	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/20/75-12/28/76	1	16	
BLRI0246	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/10/69-10/05/70	0	4	
BLRI0252	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/75-12/28/76	1	16	
BLRI0262	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/16/70-09/03/71	0	5	
BLRI0263	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/72-07/18/72	0	2	
BLRI0266	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/06/68-08/06/80	12	24	
BLRI0269	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0270	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/67-05/26/67	0	9	
BLRI0292	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-10/23/68	1	14	
BLRI0313	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/01/68-03/24/69	0	8	
BLRI0317	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/05/65-03/24/69	4	16	
BLRI0320	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-05/27/67	0	9	
BLRI0321	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-03/24/69	2	17	
BLRI0328	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	9	
BLRI0331	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0333	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0334	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0198	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	04/22/76-03/30/81	4	12	
BLRI0269	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0333	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0096	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/11/73-12/27/73	0	2	
BLRI0198	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0201	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0203	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	0	1	
BLRI0204	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	0	5	
BLRI0205	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	0	1	
BLRI0206	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	0	6	
BLRI0207	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0208	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0225	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/22/76-03/31/81	4	24	
BLRI0246	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	0	4	
BLRI0262	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	0	5	
BLRI0263	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	0	2	
BLRI0269	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0333	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/17/73	0	4	
BLRI0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	10	65	
BLRI0008	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	0	2	
BLRI0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/16/73	0	4	
BLRI0014	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	21	200	
BLRI0017	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/92-07/26/95	3	14	
BLRI0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/90-08/14/90	0	4	
BLRI0024	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-12/11/79	0	7	
BLRI0025	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0029	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/05/78-08/15/94	15	5	
BLRI0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	26	208	T,A
BLRI0039	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0041	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0043	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/74-06/18/79	4	45	
BLRI0049	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	8	66	
BLRI0050	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/74-06/18/79	4	41	
BLRI0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0055	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	25	245	T,A
BLRI0056	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/91-09/11/95	4	48	
BLRI0058	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/74-12/02/78	4	41	
BLRI0061	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	16	159	
BLRI0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-02/08/89	0	4	
BLRI0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	7	65	
BLRI0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0070	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/70-12/02/78	8	59	
BLRI0071	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	25	225	T,A
BLRI0078	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-08/06/91	0	1	
BLRI0085	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	9	71	
BLRI0086	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-07/12/78	0	1	
BLRI0089	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-09/20/73	0	2	
BLRI0090	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	9	76	
BLRI0095	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	24	213	
BLRI0097	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/25/83-06/27/95	12	61	
BLRI0098	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/77-07/13/95	17	3	
BLRI0099	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-06/27/95	23	95	
BLRI0100	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/74-06/15/76	2	15	
BLRI0102	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	8	110	
BLRI0103	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/68-05/18/83	15	33	
BLRI0105	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0108	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/77-08/31/77	0	2	
BLRI0109	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	4	48	
BLRI0110	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/82-05/18/83	0	12	
BLRI0111	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	238	T,A
BLRI0112	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	260	T,A
BLRI0113	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/82-05/11/83	0	12	
BLRI0115	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	117	
BLRI0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/82-05/24/83	0	54	
BLRI0122	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	123	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0124	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	123	
BLRI0133	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/93-08/10/93	0	1	
BLRI0134	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-01/28/81	6	27	
BLRI0135	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/77-01/28/81	4	17	
BLRI0136	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/81-12/19/94	13	58	
BLRI0157	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/85-12/20/94	9	44	
BLRI0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	6	45	
BLRI0161	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	15	164	
BLRI0162	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/73-10/03/73	0	2	
BLRI0163	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/86-08/19/91	5	51	
BLRI0164	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/19/87-01/20/88	1	12	
BLRI0165	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-03/30/81	8	20	
BLRI0166	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0167	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0168	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0171	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0172	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0181	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/10/68-09/08/75	7	15	
BLRI0186	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0187	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0188	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0189	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0190	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0191	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0192	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	0	1	
BLRI0194	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/10/68-08/01/68	0	6	
BLRI0196	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/81-12/15/94	13	79	
BLRI0198	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0202	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/85-12/15/94	9	55	
BLRI0210	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0211	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0213	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0214	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0217	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/73-07/17/73	0	2	
BLRI0221	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0222	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0224	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	8	79	
BLRI0225	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/76-01/21/88	11	43	
BLRI0226	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/06/65-05/25/67	2	17	
BLRI0230	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0231	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0233	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0234	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0235	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0236	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0237	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0239	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0241	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0242	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0243	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	0	6	
BLRI0244	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/74-04/25/74	0	4	
BLRI0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/75-12/28/76	1	16	
BLRI0247	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0249	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	9	74	
BLRI0250	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/85-12/12/94	9	51	
BLRI0252	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/75-12/28/76	1	16	
BLRI0253	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0254	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0256	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0257	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0266	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/68-08/06/80	12	24	
BLRI0269	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0270	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/67-05/26/67	0	9	
BLRI0272	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0276	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0277	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0292	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-10/23/68	1	14	
BLRI0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/05/75-05/05/75	0	1	
BLRI0301	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/24/91-10/17/94	2	36	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0306	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	3	11	
BLRI0308	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-06/21/93	2	7	
BLRI0313	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/68-03/24/69	0	8	
BLRI0315	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	3	10	
BLRI0316	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	3	9	
BLRI0317	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/05/65-03/24/69	4	16	
BLRI0320	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-05/27/67	0	9	
BLRI0321	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-03/24/69	2	17	
BLRI0322	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	0	1	
BLRI0325	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	0	1	
BLRI0326	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	0	1	
BLRI0328	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	9	
BLRI0329	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	0	3	
BLRI0330	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	0	3	
BLRI0331	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0332	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	0	3	
BLRI0333	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0334	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0163	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/27/86-10/30/86	0	5	
BLRI0224	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/27/86-09/30/86	0	6	
BLRI0012	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/79-07/20/79	0	1	
BLRI0073	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0091	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	11	130	
BLRI0096	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/11/73-12/27/73	0	2	
BLRI0119	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	0	1	
BLRI0246	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	0	3	
BLRI0262	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	0	5	
BLRI0263	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	0	2	
BLRI0005	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	10	64	
BLRI0014	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	21	200	
BLRI0017	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/92-07/26/95	3	14	
BLRI0019	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/14/90-08/14/90	0	4	
BLRI0024	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-12/11/79	0	6	
BLRI0025	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	7	
BLRI0026	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	7	
BLRI0027	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	0	7	
BLRI0029	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0030	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/05/78-08/15/94	15	5	
BLRI0038	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	26	207	T,A
BLRI0039	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0041	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0043	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/20/74-06/18/79	4	46	
BLRI0049	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	8	66	
BLRI0050	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/20/74-06/18/79	4	41	
BLRI0055	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	25	246	T,A
BLRI0056	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/91-09/11/95	4	48	
BLRI0058	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/06/74-12/02/78	4	41	
BLRI0061	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	16	159	
BLRI0062	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-02/08/89	0	4	
BLRI0064	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	7	65	
BLRI0069	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0070	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/70-12/02/78	8	59	
BLRI0071	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	25	227	T,A
BLRI0078	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/91-08/06/91	0	1	
BLRI0085	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	9	70	
BLRI0086	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/78-07/12/78	0	1	
BLRI0089	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-09/20/73	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0090	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	9	77	
BLRI0095	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	24	214	
BLRI0097	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/25/83-06/27/95	12	63	
BLRI0098	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/77-07/13/95	17	3	
BLRI0099	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	23	97	
BLRI0100	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/06/74-06/15/76	2	15	
BLRI0102	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	8	110	
BLRI0103	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	15	33	
BLRI0105	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0108	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/31/77-08/31/77	0	2	
BLRI0109	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	4	48	
BLRI0110	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/82-05/18/83	0	12	
BLRI0111	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	240	T,A
BLRI0112	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	261	T,A
BLRI0113	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/82-05/11/83	0	12	
BLRI0117	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/09/82-05/24/83	0	54	
BLRI0122	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	123	
BLRI0124	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	122	
BLRI0133	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/10/93-08/10/93	0	1	
BLRI0164	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	1	12	
BLRI0179	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/14/73-05/14/73	0	1	
BLRI0181	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/10/68-07/31/68	0	6	
BLRI0186	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0187	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0188	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0189	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0190	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0191	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0192	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0194	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/10/68-08/01/68	0	6	
BLRI0198	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	10	42	
BLRI0226	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/06/65-05/25/67	2	17	
BLRI0266	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/06/68-08/01/68	0	4	
BLRI0269	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-03/10/78	0	2	
BLRI0270	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/67-05/26/67	0	9	
BLRI0292	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-10/23/68	1	14	
BLRI0313	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/68-03/24/69	0	8	
BLRI0317	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/05/65-03/24/69	4	16	
BLRI0320	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-05/27/67	0	9	
BLRI0321	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-03/24/69	2	17	
BLRI0328	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	9	
BLRI0331	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0333	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0334	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0012	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/20/79-07/20/79	0	1	
BLRI0073	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0091	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	14	166	
BLRI0096	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/70-12/27/73	3	7	
BLRI0119	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	0	1	
BLRI0137	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/23/72-02/21/73	0	5	
BLRI0179	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/15/72-03/27/73	0	2	
BLRI0201	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0203	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	0	1	
BLRI0204	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	0	5	
BLRI0205	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0206	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	0	6	
BLRI0207	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0208	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	0	1	
BLRI0246	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	0	3	
BLRI0262	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	0	5	
BLRI0263	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	0	2	
BLRI0005	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	7	48	
BLRI0014	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	21	188	
BLRI0017	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/92-07/26/95	3	14	
BLRI0019	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/90-08/14/90	0	4	
BLRI0029	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0030	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/78-08/15/94	15	5	
BLRI0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	26	206	T,A
BLRI0039	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0041	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0043	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/20/74-09/21/76	1	20	
BLRI0049	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	7	60	
BLRI0050	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/20/74-09/21/76	1	19	
BLRI0052	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0055	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	25	246	T,A
BLRI0056	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/91-09/11/95	4	48	
BLRI0058	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/06/74-03/20/78	3	36	
BLRI0061	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	16	157	
BLRI0062	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-02/08/89	0	4	
BLRI0064	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	7	65	
BLRI0069	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0070	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/70-11/03/77	7	52	
BLRI0071	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	25	220	T,A
BLRI0078	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/06/91-08/06/91	0	1	
BLRI0085	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/07/76	6	44	
BLRI0086	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-07/12/78	0	1	
BLRI0089	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-09/20/73	0	2	
BLRI0090	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	7	48	
BLRI0095	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	24	214	
BLRI0097	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/25/83-06/27/95	12	63	
BLRI0098	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/77-07/13/95	17	3	
BLRI0099	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	23	97	
BLRI0100	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/06/74-06/15/76	2	14	
BLRI0102	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	8	110	
BLRI0103	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	15	33	
BLRI0105	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0108	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/77-08/31/77	0	2	
BLRI0109	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/31/74-09/15/76	1	21	
BLRI0110	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/82-05/18/83	0	12	
BLRI0111	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	208	T
BLRI0112	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	25	230	T,A
BLRI0113	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/23/82-05/11/83	0	12	
BLRI0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/82-05/24/83	0	54	
BLRI0122	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	124	
BLRI0124	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	4	124	
BLRI0133	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/10/93-08/10/93	0	1	
BLRI0164	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	1	12	
BLRI0179	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/14/73-05/14/73	0	1	
BLRI0181	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/10/68-07/31/68	0	6	
BLRI0194	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/10/68-08/01/68	0	6	
BLRI0198	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	10	22	
BLRI0226	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/06/65-05/25/67	2	17	
BLRI0266	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/68-08/01/68	0	4	
BLRI0269	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/30/77-03/10/78	0	2	
BLRI0270	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/67-05/26/67	0	9	
BLRI0292	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-10/23/68	1	14	
BLRI0313	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/68-03/24/69	0	8	
BLRI0317	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-03/24/69	4	16	
BLRI0320	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-05/27/67	0	9	
BLRI0321	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-03/24/69	2	17	
BLRI0328	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	9	
BLRI0331	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0333	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0334	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	0	8	
BLRI0198	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0225	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/22/76-03/31/81	4	22	
BLRI0269	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0333	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0198	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/22/76-03/30/81	4	13	
BLRI0269	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0333	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/17/73	0	4	
BLRI0005	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	10	65	
BLRI0008	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	0	2	
BLRI0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/16/73	0	4	
BLRI0014	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	21	198	
BLRI0017	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/92-07/26/95	3	14	
BLRI0019	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/90-08/14/90	0	4	
BLRI0024	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-12/11/79	0	7	
BLRI0025	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0026	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0027	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0029	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/78-08/15/94	15	5	
BLRI0038	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	26	205	T,A
BLRI0039	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0041	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0043	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/74-06/18/79	4	44	
BLRI0049	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	8	67	
BLRI0050	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/74-06/18/79	4	41	
BLRI0052	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0055	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	25	243	T,A
BLRI0056	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/91-09/11/95	4	48	
BLRI0058	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/74-12/02/78	4	41	
BLRI0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	16	158	
BLRI0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-02/08/89	0	4	
BLRI0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	7	64	
BLRI0069	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	0	2	
BLRI0070	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/70-12/02/78	8	58	
BLRI0071	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	25	224	T,A
BLRI0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-08/06/91	0	1	
BLRI0085	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	9	71	
BLRI0086	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-07/12/78	0	1	
BLRI0089	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-09/20/73	0	2	
BLRI0090	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	9	75	
BLRI0095	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	24	212	
BLRI0096	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/69-06/20/72	2	31	
BLRI0097	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/25/83-06/27/95	12	63	
BLRI0098	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/77-07/13/95	17	3	
BLRI0099	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-06/27/95	23	97	
BLRI0100	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/74-06/15/76	2	15	
BLRI0102	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	8	108	
BLRI0103	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/68-05/18/83	14	31	
BLRI0105	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0108	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/77-08/31/77	0	2	
BLRI0109	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	4	48	
BLRI0110	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/82-05/18/83	0	12	
BLRI0111	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	25	237	T,A
BLRI0112	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	25	261	A
BLRI0113	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/82-05/11/83	0	12	
BLRI0115	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	4	117	
BLRI0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/82-05/24/83	0	54	
BLRI0122	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	4	123	
BLRI0124	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	4	123	
BLRI0133	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/93-08/10/93	0	1	
BLRI0134	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-01/28/81	6	27	
BLRI0135	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/77-01/28/81	4	17	
BLRI0136	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/81-12/19/94	13	57	
BLRI0157	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/04/85-12/20/94	9	43	
BLRI0158	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	6	45	
BLRI0161	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	15	164	
BLRI0162	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/73-10/03/73	0	2	
BLRI0163	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/86-08/19/91	5	51	
BLRI0164	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/19/87-01/20/88	1	12	
BLRI0165	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-03/30/81	8	22	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0166	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0167	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0168	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0169	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0170	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0171	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0172	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0186	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-12/14/81	1	14	
BLRI0187	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	3	40	
BLRI0188	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	3	40	
BLRI0189	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	3	40	
BLRI0190	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-12/14/81	1	14	
BLRI0191	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	3	40	
BLRI0192	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	3	40	
BLRI0196	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/81-12/15/94	13	79	
BLRI0198	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0202	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/85-12/15/94	9	55	
BLRI0210	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0211	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0213	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0214	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0217	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/73-07/17/73	0	2	
BLRI0221	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0222	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0224	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	8	79	
BLRI0225	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/76-01/21/88	11	43	
BLRI0230	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0231	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0233	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0234	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0235	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0236	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0237	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0239	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0241	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0242	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0243	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	0	6	
BLRI0244	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/74-04/25/74	0	4	
BLRI0247	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0249	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	9	74	
BLRI0250	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0251	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/85-12/12/94	9	51	
BLRI0253	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0254	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0256	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0257	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0269	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0280	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	1	9	
BLRI0290	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0295	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/74-05/05/75	1	3	
BLRI0296	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0298	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0301	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/91-10/17/94	2	36	
BLRI0306	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	3	11	
BLRI0308	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-06/21/93	2	7	
BLRI0315	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	3	10	
BLRI0316	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	3	9	
BLRI0329	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	0	4	
BLRI0330	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	0	4	
BLRI0332	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	0	3	
BLRI0333	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0335	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/29/75-01/29/75	0	1	
BLRI0336	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/29/75-01/29/75	0	1	
BLRI0163	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	06/27/86-10/30/86	0	5	
BLRI0224	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/27/86-09/30/86	0	6	
BLRI0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/17/73	0	4	
BLRI0005	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/03/76-03/01/79	2	14	
BLRI0008	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	0	2	
BLRI0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/16/73	0	4	
BLRI0014	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/03/76-03/01/79	2	13	
BLRI0024	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-12/11/79	0	7	
BLRI0025	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	0	8	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0026	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0027	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	0	8	
BLRI0029	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/17/89-07/17/89	0	1	
BLRI0043	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/76-06/18/79	2	26	
BLRI0049	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/78-12/02/78	0	6	
BLRI0050	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/76-06/18/79	2	22	
BLRI0058	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/13/78-12/02/78	0	5	
BLRI0070	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/78-12/02/78	0	6	
BLRI0071	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/78-12/02/78	0	6	
BLRI0085	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/76-06/11/79	2	26	
BLRI0090	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/76-06/07/79	2	29	
BLRI0103	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0105	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	0	14	
BLRI0109	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/76-06/07/79	2	27	
BLRI0111	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/29/76-06/08/79	2	32	
BLRI0112	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/29/76-06/08/79	2	33	
BLRI0115	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	4	117	
BLRI0134	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-01/28/81	6	27	
BLRI0135	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/77-01/28/81	4	17	
BLRI0136	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/81-12/19/94	13	58	
BLRI0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/04/85-12/20/94	9	44	
BLRI0158	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	6	45	
BLRI0161	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	15	164	
BLRI0162	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/73-10/03/73	0	2	
BLRI0163	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/86-08/19/91	5	51	
BLRI0164	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/19/87-01/20/88	1	12	
BLRI0165	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-03/30/81	8	22	
BLRI0166	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0167	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0168	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0170	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0171	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0172	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	1	7	
BLRI0181	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/75-09/08/75	0	9	
BLRI0186	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0187	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0188	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0189	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0190	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-12/14/81	4	15	
BLRI0191	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0192	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	6	41	
BLRI0196	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/81-12/15/94	13	79	
BLRI0198	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0202	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/85-12/15/94	9	55	
BLRI0210	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0211	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0213	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0214	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0217	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/73-07/25/74	1	3	
BLRI0221	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0222	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	1	2	
BLRI0224	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	8	80	
BLRI0225	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/76-01/21/88	11	43	
BLRI0230	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0231	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/31/90	0	1	
BLRI0233	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0234	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0235	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/87-11/10/87	0	9	
BLRI0236	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0237	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0239	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	0	5	
BLRI0241	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0242	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0243	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	0	6	
BLRI0244	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/74-04/25/74	0	4	
BLRI0245	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/75-12/28/76	1	16	
BLRI0247	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0249	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	9	74	
BLRI0250	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	1	2	
BLRI0251	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/85-12/12/94	9	51	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0252	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/21/75-12/28/76	1	16	
BLRI0253	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0254	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-11/10/87	0	13	
BLRI0256	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0257	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-09/06/87	0	16	
BLRI0266	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/75-08/06/80	5	20	
BLRI0269	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0272	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0276	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0277	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	1	23	
BLRI0278	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/09/76	0	12	
BLRI0279	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/09/76	0	12	
BLRI0280	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-03/26/79	2	21	
BLRI0290	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0295	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/74-05/05/75	1	3	
BLRI0296	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0298	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	1	10	
BLRI0301	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/24/91-10/17/94	2	36	
BLRI0306	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	3	11	
BLRI0308	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-06/21/93	2	7	
BLRI0315	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	3	10	
BLRI0316	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	3	9	
BLRI0329	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	0	4	
BLRI0330	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	0	4	
BLRI0332	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	0	3	
BLRI0333	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0335	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/29/75-01/29/75	0	1	
BLRI0336	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/29/75-01/29/75	0	1	
BLRI0012	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/20/79-07/20/79	0	1	
BLRI0073	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/27/74-07/19/79	4	2	
BLRI0091	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	11	129	
BLRI0119	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/79-07/25/79	0	1	
BLRI0198	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0225	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/22/76-03/31/81	4	28	
BLRI0269	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/08/74-03/10/78	3	4	
BLRI0283	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/70-03/11/72	2	9	
BLRI0289	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-09/21/72	2	18	
BLRI0290	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-05/25/76	6	23	
BLRI0294	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-06/22/72	2	16	
BLRI0296	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/70-05/24/76	6	24	
BLRI0298	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/70-05/24/76	6	15	
BLRI0333	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/77-03/10/78	0	2	
BLRI0163	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/27/86-10/30/86	0	5	
BLRI0224	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	03/27/86-09/30/86	0	6	
BLRI0015	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/05/68-05/21/69	1	2	
BLRI0024	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/02/79-01/11/80	0	11	
BLRI0025	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	0	13	
BLRI0026	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	0	13	
BLRI0027	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	0	13	
BLRI0045	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/20/68-06/20/68	0	1	
BLRI0053	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/67-10/14/68	0	16	
BLRI0072	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/67-09/12/68	0	14	
BLRI0091	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-09/24/71	2	144	
BLRI0106	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/69	0	1	
BLRI0115	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/24/68-03/24/68	0	1	
BLRI0137	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/68-08/27/68	0	1	
BLRI0186	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0187	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0188	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0189	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0190	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0191	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0192	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	0	1	
BLRI0225	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/02/79-08/22/80	0	9	
BLRI0246	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/10/69-10/05/70	0	4	
BLRI0262	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/70-09/03/71	0	5	
BLRI0280	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/76-03/26/79	2	29	
BLRI0290	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/30/76-03/26/79	2	21	
BLRI0296	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/30/76-03/26/79	2	21	
BLRI0298	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/02/72-03/26/79	6	20	
BLRI0322	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	0	1	
BLRI0325	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	0	1	
BLRI0326	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	0	1	
BLRI0150	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	0	1	
BLRI0153	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-11/25/86	4	11	
BLRI0159	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/28/82-05/05/83	0	2	
BLRI0216	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/83-05/03/83	0	1	
BLRI0303	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/21/83-12/03/86	3	13	
BLRI0335	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/29/68-01/29/75	6	15	
BLRI0336	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/29/68-01/29/75	6	15	
BLRI0004	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/17/73	0	4	
BLRI0005	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/03/68-08/03/69	0	4	
BLRI0010	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/16/73	0	4	
BLRI0012	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/20/79-07/20/79	0	1	
BLRI0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/13/68-07/13/69	0	4	
BLRI0073	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/74-07/19/79	4	2	
BLRI0091	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	9	123	
BLRI0104	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/30/68-10/06/69	0	4	
BLRI0119	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/25/79-07/25/79	0	1	
BLRI0134	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/10/75-03/15/76	0	3	
BLRI0137	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/28/68-06/30/71	3	10	
BLRI0158	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/06/75-05/06/75	0	1	
BLRI0165	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/75-05/13/75	0	1	
BLRI0179	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/68-09/28/71	3	6	
BLRI0198	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/03/77-03/10/78	0	2	
BLRI0225	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/22/76-03/30/81	4	17	
BLRI0263	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/11/72-07/18/72	0	2	
BLRI0269	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/08/74-03/10/78	3	4	
BLRI0278	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	0	12	
BLRI0279	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	0	12	
BLRI0280	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	0	12	
BLRI0329	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-02/24/75	0	2	
BLRI0330	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-02/24/75	0	2	
BLRI0332	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/75-02/24/75	0	1	
BLRI0333	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/03/77-03/10/78	0	2	
BLRI0335	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-01/29/75	0	1	
BLRI0336	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-01/29/75	0	1	
BLRI0147	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	0	1	
BLRI0212	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	0	1	
BLRI0258	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	0	1	
BLRI0304	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/25/84-11/25/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0014	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	16	158	
BLRI0017	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/92-07/26/95	3	14	
BLRI0019	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/90-08/14/90	0	4	
BLRI0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/78-08/15/94	15	5	
BLRI0038	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	16	177	
BLRI0039	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	0	2	
BLRI0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	0	2	
BLRI0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	0	2	
BLRI0055	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	16	179	
BLRI0056	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/91-09/11/95	4	48	
BLRI0061	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	16	158	
BLRI0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-02/08/89	0	4	
BLRI0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	7	65	
BLRI0069	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	0	2	
BLRI0071	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	16	157	
BLRI0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-08/06/91	0	1	
BLRI0086	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-07/12/78	0	1	
BLRI0089	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-09/20/73	0	2	
BLRI0095	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	16	178	
BLRI0096	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/69-12/27/73	4	35	
BLRI0097	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	12	65	
BLRI0098	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/77-07/13/95	17	3	
BLRI0099	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	12	69	
BLRI0102	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	8	108	
BLRI0103	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/82-05/18/83	0	12	
BLRI0105	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0108	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/77-08/31/77	0	2	
BLRI0110	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/82-05/18/83	0	12	
BLRI0111	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	16	158	
BLRI0112	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	16	180	
BLRI0113	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/82-05/11/83	0	12	
BLRI0115	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	4	117	
BLRI0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/82-05/24/83	0	54	
BLRI0122	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	4	123	
BLRI0124	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	4	123	
BLRI0133	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/93-08/10/93	0	1	
BLRI0134	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-01/28/81	6	27	
BLRI0135	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/77-01/28/81	4	17	
BLRI0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/81-12/19/94	13	58	
BLRI0137	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/72-02/21/73	0	5	
BLRI0157	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/04/85-12/20/94	9	44	
BLRI0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	6	45	
BLRI0161	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	15	164	
BLRI0162	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/73-10/03/73	0	2	
BLRI0163	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/86-08/19/91	5	51	
BLRI0164	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/19/87-01/20/88	1	12	
BLRI0165	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-03/30/81	8	22	
BLRI0166	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0167	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0168	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0169	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0170	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0171	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0172	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	1	7	
BLRI0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/72-05/14/73	0	3	
BLRI0181	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/10/68-09/08/75	7	15	
BLRI0182	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/85-07/10/85	0	4	
BLRI0193	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/85-07/10/85	0	1	
BLRI0194	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/10/68-08/01/68	0	6	
BLRI0196	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/81-12/15/94	13	79	
BLRI0197	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/85-07/16/85	0	1	
BLRI0198	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0202	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/30/85-12/15/94	9	55	
BLRI0210	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	
BLRI0211	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	
BLRI0213	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	
BLRI0214	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	
BLRI0217	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/73-07/25/74	1	3	
BLRI0221	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	
BLRI0222	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0224	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	8	80	
BLRI0225	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/76-01/21/88	11	43	
BLRI0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/06/65-05/25/67	2	17	
BLRI0229	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/85-07/02/85	0	2	
BLRI0230	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0231	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0233	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	0	5	
BLRI0234	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/87-11/10/87	0	9	
BLRI0235	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/87-11/10/87	0	9	
BLRI0236	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0237	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0239	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	0	5	
BLRI0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0242	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0243	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	0	6	
BLRI0244	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/74-04/25/74	0	4	
BLRI0245	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/75-12/28/76	1	16	
BLRI0247	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0249	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	9	74	
BLRI0250	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	1	2	
BLRI0251	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/85-12/12/94	9	51	
BLRI0252	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-12/28/76	1	16	
BLRI0253	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-11/10/87	0	10	
BLRI0254	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-11/10/87	0	13	
BLRI0256	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-09/06/87	0	16	
BLRI0257	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-09/06/87	0	16	
BLRI0266	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/68-12/28/76	8	23	
BLRI0269	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/74-03/10/78	3	4	
BLRI0270	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/67-05/26/67	0	9	
BLRI0288	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/85-06/30/85	0	2	
BLRI0292	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-10/23/68	1	14	
BLRI0293	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/85-06/30/85	0	2	
BLRI0295	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/02/74-05/05/75	1	3	
BLRI0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/26/85-07/15/85	0	4	
BLRI0301	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/91-10/17/94	2	36	
BLRI0302	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/85-07/15/85	0	1	
BLRI0306	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	3	11	
BLRI0308	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-06/21/93	2	7	
BLRI0313	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/68-03/24/69	0	8	
BLRI0315	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	3	10	
BLRI0316	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	3	9	
BLRI0317	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/05/65-03/24/69	4	16	
BLRI0318	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/26/85-07/09/85	0	4	
BLRI0319	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/85-07/09/85	0	1	
BLRI0320	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-05/27/67	0	9	
BLRI0321	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-03/24/69	2	17	
BLRI0324	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/85-07/16/85	0	2	
BLRI0327	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/85-07/16/85	0	4	
BLRI0328	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/68-03/24/69	0	9	
BLRI0329	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	0	4	
BLRI0330	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	0	4	
BLRI0331	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/21/68-03/24/69	0	7	
BLRI0332	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	0	3	
BLRI0333	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0334	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/68-03/24/69	0	8	
BLRI0335	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/29/75-01/29/75	0	1	
BLRI0336	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/29/75-01/29/75	0	1	
BLRI0002	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/86-04/11/86	0	2	
BLRI0003	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/86-04/11/86	0	2	
BLRI0033	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/17/86	0	2	
BLRI0034	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-03/31/86	0	1	
BLRI0036	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/17/86	0	2	
BLRI0037	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/15/86	0	2	
BLRI0091	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/19/80-11/19/80	0	1	
BLRI0156	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/07/86-05/07/86	0	1	
BLRI0160	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/07/86-05/07/86	0	1	
BLRI0181	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/68-09/08/75	7	14	
BLRI0194	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/68-08/01/68	0	6	
BLRI0198	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0225	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/22/76-03/31/81	4	24	
BLRI0226	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/06/65-05/25/67	2	16	
BLRI0245	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/75-12/28/76	1	15	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0252	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/75-12/28/76	1	16	
BLRI0266	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/68-12/28/76	8	23	
BLRI0269	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/74-03/10/78	3	4	
BLRI0270	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/67-05/26/67	0	9	
BLRI0292	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-10/23/68	1	13	
BLRI0313	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/01/68-03/24/69	0	5	
BLRI0317	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/05/65-03/24/69	4	16	
BLRI0320	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-05/27/67	0	8	
BLRI0321	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-03/24/69	2	15	
BLRI0328	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/68-03/24/69	0	8	
BLRI0331	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/21/68-03/24/69	0	6	
BLRI0333	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0334	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/68-12/02/68	0	5	
BLRI0163	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0224	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0012	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	4	2	
BLRI0014	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	12	121	
BLRI0016	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	4	2	
BLRI0017	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/25/92-02/25/92	0	1	
BLRI0018	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/20/79-07/20/79	0	1	
BLRI0029	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0030	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/78-09/05/78	0	2	
BLRI0038	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	143	
BLRI0055	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	143	
BLRI0056	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/91-04/15/92	0	8	
BLRI0061	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	13	120	
BLRI0062	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/88-02/08/89	0	4	
BLRI0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/88-04/15/92	3	26	
BLRI0071	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	13	119	
BLRI0073	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/27/74-07/19/79	4	2	
BLRI0086	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	0	1	
BLRI0087	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/74-07/19/79	4	2	
BLRI0091	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	12	148	
BLRI0095	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	144	
BLRI0097	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	7	48	
BLRI0098	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/77-09/28/77	0	1	
BLRI0099	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	7	53	
BLRI0102	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	8	107	
BLRI0103	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0104	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/82-05/18/83	0	9	
BLRI0105	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	0	14	
BLRI0108	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	2	
BLRI0110	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/82-05/18/83	0	10	
BLRI0111	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	121	
BLRI0112	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	143	
BLRI0113	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/23/82-05/11/83	0	7	
BLRI0117	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/82-05/24/83	0	50	
BLRI0119	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/79-07/25/79	0	1	
BLRI0198	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0201	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	0	1	
BLRI0203	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-09/29/86	0	1	
BLRI0204	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-11/20/86	0	5	
BLRI0205	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-09/29/86	0	1	
BLRI0206	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-11/20/86	0	6	
BLRI0207	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	0	1	
BLRI0208	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	0	1	
BLRI0225	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/76-03/31/81	4	25	
BLRI0269	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/74-03/10/78	3	4	
BLRI0283	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/70-03/11/72	2	9	
BLRI0289	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-09/21/72	2	16	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0290	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-05/25/76	6	22	
BLRI0294	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-06/22/72	2	15	
BLRI0296	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/70-05/24/76	6	24	
BLRI0298	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/70-05/24/76	6	14	
BLRI0333	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0039	No	00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	0	2	
BLRI0041	No	00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	0	2	
BLRI0052	No	00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	0	2	
BLRI0069	No	00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	0	2	
BLRI0089	No	00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	09/18/73-09/20/73	0	2	
BLRI0004	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/72-04/17/73	0	3	
BLRI0005	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/17/76-09/17/76	0	1	
BLRI0010	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/72-02/13/73	0	3	
BLRI0014	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	20	174	
BLRI0017	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/25/92-04/27/95	3	12	
BLRI0019	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/90-08/14/90	0	1	
BLRI0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/05/78-08/15/94	15	4	
BLRI0038	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	16	186	
BLRI0039	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-10/18/73	0	3	
BLRI0040	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-05/23/73	0	1	
BLRI0041	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-10/18/73	0	3	
BLRI0042	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/10/92-06/19/95	2	11	
BLRI0043	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/75-06/18/79	4	41	
BLRI0048	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/93-06/19/95	2	9	
BLRI0049	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/16/75-09/13/78	2	2	
BLRI0050	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/75-06/18/79	4	37	
BLRI0052	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-10/18/73	0	3	
BLRI0055	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	20	190	
BLRI0056	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/91-09/11/95	4	48	
BLRI0058	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-12/02/78	3	29	
BLRI0061	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	16	156	
BLRI0062	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-06/08/89	0	3	
BLRI0064	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	7	63	
BLRI0069	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/73-10/18/73	0	2	
BLRI0070	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/16/75-09/13/78	2	2	
BLRI0071	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	20	188	
BLRI0085	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/93-08/14/95	1	9	
BLRI0086	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/78-07/12/78	0	1	
BLRI0089	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/73-09/20/73	0	3	
BLRI0090	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	4	47	
BLRI0093	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/05/94-10/02/95	1	5	
BLRI0095	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	16	171	
BLRI0097	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/88-10/02/89	0	7	
BLRI0098	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/90-07/30/90	0	1	
BLRI0099	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/75-10/02/89	14	8	
BLRI0102	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	15	96	
BLRI0108	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	2	
BLRI0110	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/29/92-06/23/94	1	8	
BLRI0111	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	20	192	
BLRI0112	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	16	175	
BLRI0113	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/29/92-09/25/95	2	13	
BLRI0115	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	4	108	
BLRI0116	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/27/92-05/19/94	1	8	
BLRI0120	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/03/72-02/03/72	0	1	
BLRI0121	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/03/72-02/03/72	0	1	
BLRI0158	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/27/79-12/08/80	1	7	
BLRI0161	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-12/08/80	1	13	
BLRI0162	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/02/73-10/03/73	0	2	
BLRI0163	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/86-03/30/89	2	17	
BLRI0165	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/80-12/08/80	0	4	
BLRI0181	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/10/75-08/11/75	0	3	
BLRI0224	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/86-03/13/89	2	16	
BLRI0245	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/19/75-11/16/76	0	5	
BLRI0252	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/19/75-11/16/76	0	5	
BLRI0266	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-11/16/76	1	7	
BLRI0303	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/12/84-04/12/84	0	1	
BLRI0322	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0325	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0326	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0002	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/86-04/11/86	0	2	
BLRI0003	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/86-04/11/86	0	2	
BLRI0033	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/17/86	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0034	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-03/31/86	0	1	
BLRI0036	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/17/86	0	2	
BLRI0037	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/15/86	0	2	
BLRI0147	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0154	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/22/84-11/25/86	2	10	
BLRI0155	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/07/86-05/07/86	0	1	
BLRI0160	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/07/86-05/07/86	0	1	
BLRI0182	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/20/85-07/10/85	0	4	
BLRI0193	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/10/85-07/10/85	0	1	
BLRI0197	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/16/85-07/16/85	0	1	
BLRI0201	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	0	1	
BLRI0203	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-09/29/86	0	1	
BLRI0204	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-11/20/86	0	5	
BLRI0205	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-09/29/86	0	1	
BLRI0206	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-11/20/86	0	6	
BLRI0207	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	0	1	
BLRI0208	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	0	1	
BLRI0212	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0225	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/02/79-03/02/81	1	9	
BLRI0229	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/30/85-07/02/85	0	2	
BLRI0258	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0288	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/28/85-06/30/85	0	2	
BLRI0293	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/28/85-06/30/85	0	2	
BLRI0300	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/85-07/15/85	0	4	
BLRI0302	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/15/85-07/15/85	0	1	
BLRI0303	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/12/84-12/03/86	2	12	
BLRI0304	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/25/84-11/25/84	0	1	
BLRI0318	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/85-07/09/85	0	4	
BLRI0319	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/85-07/09/85	0	1	
BLRI0322	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0324	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/22/85-07/16/85	0	2	
BLRI0325	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0326	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	0	1	
BLRI0327	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/85-07/16/85	0	4	
BLRI0225	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	11/02/79-03/02/81	1	9	
BLRI0004	No	00690	CARBON, TOTAL (MG/L AS C)	05/23/72-04/17/73	0	4	
BLRI0010	No	00690	CARBON, TOTAL (MG/L AS C)	05/23/72-02/13/73	0	3	
BLRI0002	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/28/86-04/11/86	0	2	
BLRI0003	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/28/86-04/11/86	0	2	
BLRI0033	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/17/86	0	2	
BLRI0034	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-03/31/86	0	1	
BLRI0036	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/17/86	0	2	
BLRI0037	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/15/86	0	2	
BLRI0147	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/07/86-05/07/86	0	1	
BLRI0160	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/07/86-05/07/86	0	1	
BLRI0182	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/20/85-07/10/85	0	4	
BLRI0193	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/10/85-07/10/85	0	1	
BLRI0197	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/16/85-07/16/85	0	1	
BLRI0212	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0229	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/30/85-07/02/85	0	2	
BLRI0258	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	0	1	
BLRI0288	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/28/85-06/30/85	0	2	
BLRI0293	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/28/85-06/30/85	0	2	
BLRI0300	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/26/85-07/15/85	0	4	
BLRI0302	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/15/85-07/15/85	0	1	
BLRI0304	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/25/84-11/25/84	0	1	
BLRI0318	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/26/85-07/09/85	0	4	
BLRI0319	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/09/85-07/09/85	0	1	
BLRI0324	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/22/85-07/16/85	0	2	
BLRI0327	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/85-07/16/85	0	4	
BLRI0096	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/25/72-12/27/73	1	4	
BLRI0134	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/08/75-01/08/75	0	1	
BLRI0135	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/18/73-07/18/73	0	1	
BLRI0140	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/15/70-07/17/73	3	7	
BLRI0142	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/15/70-07/17/73	3	7	
BLRI0143	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	
BLRI0144	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	
BLRI0145	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	
BLRI0146	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0148	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	
BLRI0149	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	0	1	
BLRI0163	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/30/86-02/28/89	2	6	
BLRI0224	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/30/86-03/13/89	2	8	
BLRI0233	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	0	5	
BLRI0239	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	0	5	
BLRI0243	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	0	6	
BLRI0244	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/10/74-04/25/74	0	4	
BLRI0311	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/16/68-02/16/71	2	9	
BLRI0335	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/29/75-01/29/75	0	1	
BLRI0336	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/29/75-01/29/75	0	1	
BLRI0335	No	00740	SULFITE (MG/L AS SO3)	06/21/73-01/29/75	1	6	
BLRI0336	No	00740	SULFITE (MG/L AS SO3)	06/21/73-01/29/75	1	6	
BLRI0161	No	00745	SULFIDE, TOTAL (MG/L AS S)	02/25/80-07/14/82	2	7	
BLRI0011	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	4	2	
BLRI0014	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	10	102	
BLRI0015	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	4	2	
BLRI0017	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/25/92-04/27/95	3	12	
BLRI0018	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	4	2	
BLRI0019	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/14/90-08/14/90	0	3	
BLRI0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/20/79-07/20/79	0	1	
BLRI0030	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/89-07/18/89	0	3	
BLRI0038	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	9	108	
BLRI0042	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/22/88-06/19/95	6	26	
BLRI0045	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/07/52-06/20/68	15	4	
BLRI0048	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/22/88-06/19/95	6	21	
BLRI0053	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/67-10/14/68	0	16	
BLRI0055	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	9	105	
BLRI0056	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/07/91-09/11/95	4	48	
BLRI0060	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/07/45-05/07/45	0	1	
BLRI0061	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	100	
BLRI0062	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-06/08/89	0	3	
BLRI0064	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	7	63	
BLRI0070	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/25/67-09/25/67	0	1	
BLRI0071	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	101	
BLRI0072	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/67-09/12/68	0	14	
BLRI0073	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/20/56-07/23/79	22	2	
BLRI0078	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/06/91-08/06/91	0	1	
BLRI0079	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/27/74-07/19/79	4	2	
BLRI0085	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/16/93-08/14/95	1	9	
BLRI0087	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	4	2	
BLRI0090	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/25/67-09/25/67	0	1	
BLRI0091	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	17	323	
BLRI0093	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/92-10/02/95	3	6	
BLRI0095	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	9	103	
BLRI0096	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/18/70-12/27/73	3	7	
BLRI0097	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/09/87-10/01/90	3	25	
BLRI0098	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/30/90-07/30/90	0	1	
BLRI0099	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/09/87-10/01/90	3	30	
BLRI0100	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/26/92-08/26/92	0	1	
BLRI0102	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-01/17/95	8	29	
BLRI0106	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/45-02/18/69	23	8	
BLRI0110	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/88-06/23/94	5	21	
BLRI0111	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	9	84	
BLRI0112	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	9	104	
BLRI0113	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/17/88-09/25/95	6	25	
BLRI0115	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/01/29-03/24/68	38	53	
BLRI0116	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/17/88-05/19/94	5	19	
BLRI0119	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	4	2	
BLRI0121	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/03/72-02/03/72	0	1	
BLRI0126	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/25/79-07/25/79	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0135	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-07/18/73	0	1	
BLRI0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/83-12/19/94	11	50	
BLRI0137	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/55-02/21/73	17	23	
BLRI0140	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0142	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0144	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0145	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0146	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0148	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0149	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/73-07/17/73	0	1	
BLRI0157	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/08/85-12/20/94	9	48	
BLRI0161	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/22/80-12/27/94	14	108	
BLRI0163	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/15/86-08/19/91	5	51	
BLRI0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/56-05/14/73	16	12	
BLRI0186	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-12/14/81	1	14	
BLRI0187	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-06/25/84	3	39	
BLRI0188	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-06/25/84	3	39	
BLRI0189	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-06/25/84	3	39	
BLRI0190	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-12/14/81	1	14	
BLRI0191	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-06/25/84	3	39	
BLRI0192	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/19/80-06/25/84	3	39	
BLRI0195	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/10/57-04/19/62	4	8	
BLRI0196	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/17/83-12/15/94	11	71	
BLRI0198	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0202	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/85-12/15/94	9	82	
BLRI0215	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/90-07/27/92	1	2	
BLRI0220	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/06/57-04/04/58	0	2	
BLRI0223	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/90-07/27/92	1	2	
BLRI0224	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/86-01/12/95	8	85	
BLRI0225	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/02/56-03/31/81	24	31	
BLRI0232	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/31/90-07/31/90	0	1	
BLRI0246	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/06/57-10/05/70	12	12	
BLRI0249	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/85-01/05/95	9	64	
BLRI0251	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/85-01/05/95	9	62	
BLRI0262	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/17/56-07/18/72	15	52	
BLRI0269	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/73-04/22/76	2	3	
BLRI0278	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/09/76	0	12	
BLRI0279	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/09/76	0	12	
BLRI0280	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-03/26/79	2	29	
BLRI0283	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/20/70-03/11/72	2	9	
BLRI0286	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/83-09/22/83	0	2	
BLRI0287	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/83-09/22/83	0	2	
BLRI0290	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/76-03/26/79	3	23	
BLRI0296	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/76-03/26/79	3	23	
BLRI0298	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/20/70-03/26/79	9	32	
BLRI0301	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/25/91-10/17/94	3	35	
BLRI0312	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/54-05/04/61	6	9	
BLRI0314	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/90-08/03/92	2	2	
BLRI0333	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0039	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	05/24/73-10/18/73	0	3	
BLRI0040	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	05/23/73-05/23/73	0	1	
BLRI0041	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0052	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	05/23/73-10/18/73	0	3	
BLRI0069	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	10/16/73-10/18/73	0	2	
BLRI0089	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	05/22/73-09/20/73	0	3	
BLRI0012	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0015	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/20/79-07/20/79	0	1	
BLRI0045	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/07/52-06/20/68	15	4	
BLRI0053	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/17/67-10/14/68	0	16	
BLRI0072	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/17/67-09/12/68	0	14	
BLRI0073	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/27/74-07/19/79	4	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0091	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/68-07/22/81	12	310	
BLRI0096	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/18/70-12/27/73	3	4	
BLRI0106	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/20/47-02/18/69	21	7	
BLRI0115	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/20/47-03/24/68	20	16	
BLRI0119	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/25/79-07/25/79	0	1	
BLRI0137	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/12/55-02/21/73	17	23	
BLRI0179	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/23/56-05/14/73	16	12	
BLRI0195	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/57-04/19/62	4	8	
BLRI0198	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0220	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/06/57-04/04/58	0	2	
BLRI0225	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/02/56-03/31/81	24	29	
BLRI0246	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/06/57-10/05/70	12	12	
BLRI0262	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/17/56-07/18/72	15	52	
BLRI0269	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/23/73-04/22/76	2	3	
BLRI0312	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/54-05/04/61	6	9	
BLRI0333	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/23/73-08/08/74	0	2	
BLRI0147	No	00910	CALCIUM (MG/L AS CACO3)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00910	CALCIUM (MG/L AS CACO3)	11/21/84-11/21/84	0	1	
BLRI0212	No	00910	CALCIUM (MG/L AS CACO3)	11/21/84-11/21/84	0	1	
BLRI0258	No	00910	CALCIUM (MG/L AS CACO3)	11/21/84-11/21/84	0	1	
BLRI0304	No	00910	CALCIUM (MG/L AS CACO3)	11/25/84-11/25/84	0	1	
BLRI0002	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/86-04/11/86	0	2	
BLRI0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/86-04/11/86	0	2	
BLRI0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/74-07/18/79	4	2	
BLRI0015	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/79-07/20/79	0	1	
BLRI0033	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/17/86	0	2	
BLRI0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-03/31/86	0	1	
BLRI0036	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/17/86	0	2	
BLRI0037	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/15/86	0	2	
BLRI0045	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/52-06/20/68	15	4	
BLRI0053	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/67-10/14/68	0	16	
BLRI0060	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/45-05/07/45	0	1	
BLRI0072	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/67-09/12/68	0	14	
BLRI0073	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/27/74-07/19/79	4	2	
BLRI0091	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	17	348	
BLRI0096	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/70-12/27/73	3	7	
BLRI0106	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/45-02/18/69	23	8	
BLRI0115	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/01/29-03/24/68	38	53	
BLRI0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/79-07/25/79	0	1	
BLRI0137	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/55-02/21/73	17	23	
BLRI0150	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/82-10/27/82	0	1	
BLRI0153	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/82-11/25/86	4	11	
BLRI0156	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/86-05/07/86	0	1	
BLRI0159	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/82-05/05/83	0	2	
BLRI0160	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/86-05/07/86	0	1	
BLRI0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/06/87-01/20/88	0	7	
BLRI0179	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/56-05/14/73	16	12	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0182	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/20/85-07/10/85	0	4	
BLRI0193	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/85-07/10/85	0	1	
BLRI0195	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/57-04/19/62	4	8	
BLRI0197	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/16/85-07/16/85	0	1	
BLRI0198	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/73-08/08/74	0	2	
BLRI0201	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	0	1	
BLRI0203	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-09/29/86	0	1	
BLRI0204	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-11/20/86	0	5	
BLRI0205	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-09/29/86	0	1	
BLRI0206	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-11/20/86	0	6	
BLRI0207	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	0	1	
BLRI0208	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	0	1	
BLRI0216	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/03/83-05/03/83	0	1	
BLRI0220	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/06/57-04/04/58	0	2	
BLRI0225	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/02/56-01/21/88	31	44	S
BLRI0229	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/85-07/02/85	0	2	
BLRI0246	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/06/57-10/05/70	12	12	
BLRI0254	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/87-01/18/87	0	5	
BLRI0257	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/87-06/01/87	0	11	
BLRI0262	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/56-07/18/72	15	52	
BLRI0269	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/73-04/22/76	2	3	
BLRI0283	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/20/70-03/11/72	2	9	
BLRI0288	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/85-06/30/85	0	2	
BLRI0290	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/76-05/25/76	0	3	
BLRI0293	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/85-06/30/85	0	2	
BLRI0296	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/76-05/24/76	0	3	
BLRI0298	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/20/70-05/24/76	6	13	
BLRI0300	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/26/85-07/15/85	0	4	
BLRI0302	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/85-07/15/85	0	1	
BLRI0303	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/83-12/03/86	3	13	
BLRI0312	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/54-05/04/61	6	9	
BLRI0318	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/26/85-07/09/85	0	4	
BLRI0319	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/85-07/09/85	0	1	
BLRI0324	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/85-07/16/85	0	2	
BLRI0327	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/85-07/16/85	0	4	
BLRI0333	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/73-08/08/74	0	2	
BLRI0030	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/17/89-07/18/89	0	2	
BLRI0039	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/73-10/18/73	0	2	
BLRI0041	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/73-10/18/73	0	2	
BLRI0052	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/73-10/18/73	0	2	
BLRI0069	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/73-10/18/73	0	2	
BLRI0089	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/18/73-09/20/73	0	2	
BLRI0115	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/13/74-03/13/74	0	1	
BLRI0141	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/01/80-04/01/80	0	1	
BLRI0157	No	00916	CALCIUM, TOTAL (MG/L AS CA)	12/28/89-12/28/89	0	1	
BLRI0158	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/25/77-02/27/78	0	3	
BLRI0163	No	00916	CALCIUM, TOTAL (MG/L AS CA)	12/28/89-12/28/89	0	1	
BLRI0181	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/10/68-09/08/75	7	14	
BLRI0186	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0187	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0188	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0189	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0190	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0191	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0192	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/77-12/14/81	4	15	
BLRI0194	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/10/68-08/01/68	0	6	
BLRI0224	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/13/89-03/13/89	0	1	
BLRI0226	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/25/67-05/25/67	0	9	
BLRI0245	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/20/75-12/28/76	1	16	
BLRI0252	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/21/75-12/28/76	1	16	
BLRI0266	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/21/75-12/28/76	1	19	
BLRI0270	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/67-05/26/67	0	9	
BLRI0272	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/82-06/04/84	1	23	
BLRI0276	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/82-06/04/84	1	23	
BLRI0277	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/82-06/04/84	1	23	
BLRI0278	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/09/76	0	12	
BLRI0279	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/09/76	0	12	
BLRI0280	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-03/26/79	2	30	
BLRI0290	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/30/76-03/26/79	2	21	
BLRI0292	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/67-10/23/68	1	14	
BLRI0296	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/30/76-03/26/79	2	21	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0298	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/02/72-03/26/79	6	20	
BLRI0313	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/01/68-03/24/69	0	7	
BLRI0317	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/01/68-03/24/69	0	8	
BLRI0320	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/67-05/27/67	0	8	
BLRI0321	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/67-03/24/69	2	17	
BLRI0322	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/26/82-03/26/82	0	1	
BLRI0325	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/12/81-03/26/82	0	3	
BLRI0326	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/26/82-03/26/82	0	1	
BLRI0328	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/68-03/24/69	0	9	
BLRI0331	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/68-03/24/69	0	8	
BLRI0334	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/68-03/24/69	0	8	
BLRI0107	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0107	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0163	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0002	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/86-04/11/86	0	2	
BLRI0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/86-04/11/86	0	2	
BLRI0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/18/79	4	2	
BLRI0015	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/79-07/20/79	0	1	
BLRI0033	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/17/86	0	2	
BLRI0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-03/31/86	0	1	
BLRI0036	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/17/86	0	2	
BLRI0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/15/86	0	2	
BLRI0045	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/52-06/20/68	15	4	
BLRI0053	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/67-10/14/68	0	16	
BLRI0060	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/45-05/07/45	0	1	
BLRI0072	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/67-09/12/68	0	14	
BLRI0073	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/74-07/19/79	4	2	
BLRI0091	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	17	348	
BLRI0096	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/70-12/27/73	3	7	
BLRI0106	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/45-02/18/69	23	8	
BLRI0115	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/01/29-03/24/68	38	53	
BLRI0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/79-07/25/79	0	1	
BLRI0137	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/55-02/21/73	17	23	
BLRI0147	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	0	1	
BLRI0150	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/82-10/27/82	0	1	
BLRI0153	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/86-05/07/86	0	1	
BLRI0159	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/82-05/05/83	0	2	
BLRI0160	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/86-05/07/86	0	1	
BLRI0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/06/87-01/20/88	0	7	
BLRI0179	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/56-05/14/73	16	12	
BLRI0182	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/20/85-07/10/85	0	4	
BLRI0193	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/85-07/10/85	0	1	
BLRI0195	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/57-04/19/62	4	8	
BLRI0197	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/16/85-07/16/85	0	1	
BLRI0198	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/73-08/08/74	0	2	
BLRI0201	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	0	1	
BLRI0203	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-09/29/86	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0204	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-11/20/86	0	5	
BLRI0205	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-09/29/86	0	1	
BLRI0206	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-11/20/86	0	6	
BLRI0207	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	0	1	
BLRI0208	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	0	1	
BLRI0212	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	0	1	
BLRI0216	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/03/83-05/03/83	0	1	
BLRI0220	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/06/57-04/04/58	0	2	
BLRI0225	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/02/56-01/21/88	31	44	S
BLRI0229	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/85-07/02/85	0	2	
BLRI0246	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/06/57-10/05/70	12	12	
BLRI0254	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/87-01/18/87	0	5	
BLRI0257	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/87-06/01/87	0	11	
BLRI0258	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	0	1	
BLRI0262	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	15	52	
BLRI0269	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/73-04/22/76	2	3	
BLRI0288	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/85-06/30/85	0	2	
BLRI0293	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/85-06/30/85	0	2	
BLRI0300	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/85-07/15/85	0	4	
BLRI0302	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/85-07/15/85	0	1	
BLRI0303	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/83-12/03/86	3	13	
BLRI0304	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/25/84-11/25/84	0	1	
BLRI0312	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/54-05/04/61	6	9	
BLRI0318	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/85-07/09/85	0	4	
BLRI0319	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/85-07/09/85	0	1	
BLRI0324	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/85-07/16/85	0	2	
BLRI0327	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/85-07/16/85	0	4	
BLRI0333	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/73-08/08/74	0	2	
BLRI0030	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/17/89-07/18/89	0	2	
BLRI0039	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/73-10/16/73	0	1	
BLRI0041	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/73-10/18/73	0	2	
BLRI0048	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/10/92-09/10/92	0	1	
BLRI0052	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/73-10/18/73	0	2	
BLRI0055	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/21/92-07/21/92	0	1	
BLRI0069	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/73-10/18/73	0	2	
BLRI0089	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/18/73-09/20/73	0	2	
BLRI0095	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/28/92-07/28/92	0	1	
BLRI0110	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/29/92-09/29/92	0	1	
BLRI0115	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/13/74-03/13/74	0	1	
BLRI0141	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/01/80-04/01/80	0	1	
BLRI0157	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/30/89-12/28/89	0	2	
BLRI0158	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/25/77-05/25/77	0	1	
BLRI0161	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/29/88-11/29/88	0	1	
BLRI0163	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/15/86-12/28/89	3	17	
BLRI0164	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/19/87-01/20/88	1	9	
BLRI0181	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/10/68-09/08/75	7	14	
BLRI0186	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0187	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0188	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0189	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0190	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0191	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0192	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/11/77-12/14/81	4	15	
BLRI0194	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/10/68-08/01/68	0	6	
BLRI0224	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/30/86-06/21/89	3	18	
BLRI0225	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/28/87-01/21/88	0	11	
BLRI0226	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/25/67-05/25/67	0	9	
BLRI0245	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/20/75-12/28/76	1	16	
BLRI0252	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/21/75-12/28/76	1	16	
BLRI0266	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/21/75-12/28/76	1	19	
BLRI0270	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/67-05/26/67	0	9	
BLRI0272	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/82-06/04/84	1	23	
BLRI0276	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/82-06/04/84	1	23	
BLRI0277	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/82-06/04/84	1	23	
BLRI0280	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-07/19/76	0	1	
BLRI0292	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-10/23/68	1	14	
BLRI0313	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/01/68-03/24/69	0	8	
BLRI0317	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/01/68-03/24/69	0	8	
BLRI0320	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-05/27/67	0	8	
BLRI0321	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-03/24/69	2	17	
BLRI0322	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/26/82-03/26/82	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0325	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/12/81-03/26/82	0	3	
BLRI0326	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/26/82-03/26/82	0	1	
BLRI0328	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	0	9	
BLRI0331	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	0	8	
BLRI0334	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	0	8	
BLRI0335	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/68-06/18/70	1	5	
BLRI0336	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/68-06/18/70	1	5	
BLRI0030	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/17/89-07/18/89	0	2	
BLRI0141	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/01/80-04/01/80	0	1	
BLRI0157	No	00929	SODIUM, TOTAL (MG/L AS NA)	12/28/89-12/28/89	0	1	
BLRI0158	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/25/77-05/25/77	0	1	
BLRI0163	No	00929	SODIUM, TOTAL (MG/L AS NA)	12/28/89-12/28/89	0	1	
BLRI0181	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/10/68-09/08/75	7	14	
BLRI0186	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0187	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0188	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0189	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0190	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0191	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0192	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/77-12/14/81	4	15	
BLRI0194	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/10/68-08/01/68	0	6	
BLRI0245	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/20/75-12/28/76	1	16	
BLRI0252	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/21/75-12/28/76	1	16	
BLRI0266	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/21/75-12/28/76	1	19	
BLRI0292	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/67-10/23/68	1	14	
BLRI0313	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/01/68-03/24/69	0	8	
BLRI0317	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/01/68-03/24/69	0	8	
BLRI0320	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/67-05/27/67	0	9	
BLRI0321	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/67-03/24/69	2	17	
BLRI0322	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/26/82-03/26/82	0	1	
BLRI0325	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/12/81-03/26/82	0	3	
BLRI0326	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/26/82-03/26/82	0	1	
BLRI0328	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/30/68-03/24/69	0	8	
BLRI0331	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/30/68-03/24/69	0	7	
BLRI0334	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/30/68-03/24/69	0	7	
BLRI0002	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/86-04/11/86	0	2	
BLRI0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/86-04/11/86	0	2	
BLRI0011	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/74-07/18/79	4	2	
BLRI0015	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/79-07/20/79	0	1	
BLRI0033	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/17/86	0	2	
BLRI0034	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-03/31/86	0	1	
BLRI0036	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/17/86	0	2	
BLRI0037	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/15/86	0	2	
BLRI0045	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/52-06/20/68	15	4	
BLRI0053	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/67-10/14/68	0	16	
BLRI0060	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/45-05/07/45	0	1	
BLRI0072	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/67-09/12/68	0	14	
BLRI0073	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/74-07/19/79	4	2	
BLRI0091	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	17	348	
BLRI0096	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/70-12/27/73	3	5	
BLRI0106	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/45-02/18/69	23	9	
BLRI0115	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/01/29-03/13/74	44	52	S
BLRI0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/79-07/25/79	0	1	
BLRI0137	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/55-02/21/73	17	23	
BLRI0147	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	0	1	
BLRI0150	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/82-10/27/82	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/82-10/27/82	0	1	
BLRI0153	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/86-05/07/86	0	1	
BLRI0159	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/82-05/05/83	0	2	
BLRI0160	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/86-05/07/86	0	1	
BLRI0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/06/87-01/20/88	0	7	
BLRI0179	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/56-05/14/73	16	12	
BLRI0182	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/20/85-07/10/85	0	4	
BLRI0193	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/85-07/10/85	0	1	
BLRI0195	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/57-04/19/62	4	8	
BLRI0197	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/16/85-07/16/85	0	1	
BLRI0198	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/73-08/08/74	0	2	
BLRI0201	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	0	1	
BLRI0203	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-09/29/86	0	1	
BLRI0204	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-11/20/86	0	5	
BLRI0205	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-09/29/86	0	1	
BLRI0206	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-11/20/86	0	6	
BLRI0207	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	0	1	
BLRI0208	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	0	1	
BLRI0212	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	0	1	
BLRI0216	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/03/83-05/03/83	0	1	
BLRI0220	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/06/57-04/04/58	0	2	
BLRI0225	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/02/56-01/21/88	31	44	S
BLRI0229	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/85-07/02/85	0	2	
BLRI0246	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/06/57-10/05/70	12	12	
BLRI0254	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/87-01/18/87	0	5	
BLRI0257	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/87-06/01/87	0	11	
BLRI0258	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	0	1	
BLRI0262	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/56-07/18/72	15	52	
BLRI0269	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/73-04/22/76	2	3	
BLRI0288	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/85-06/30/85	0	2	
BLRI0293	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/85-06/30/85	0	2	
BLRI0300	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/26/85-07/15/85	0	4	
BLRI0302	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/85-07/15/85	0	1	
BLRI0303	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/83-12/03/86	3	13	
BLRI0304	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/25/84-11/25/84	0	1	
BLRI0312	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/54-05/04/61	6	9	
BLRI0318	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/26/85-07/09/85	0	4	
BLRI0319	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/85-07/09/85	0	1	
BLRI0324	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/22/85-07/16/85	0	2	
BLRI0327	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/85-07/16/85	0	4	
BLRI0333	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/73-08/08/74	0	2	
BLRI0012	Yes	00931	SODIUM ADSORPTION RATIO	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	4	2	
BLRI0015	No	00931	SODIUM ADSORPTION RATIO	03/05/68-05/21/69	1	2	
BLRI0016	Yes	00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00931	SODIUM ADSORPTION RATIO	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00931	SODIUM ADSORPTION RATIO	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00931	SODIUM ADSORPTION RATIO	07/20/79-07/20/79	0	1	
BLRI0045	No	00931	SODIUM ADSORPTION RATIO	06/20/68-06/20/68	0	1	
BLRI0053	No	00931	SODIUM ADSORPTION RATIO	10/17/67-10/14/68	0	16	
BLRI0072	No	00931	SODIUM ADSORPTION RATIO	10/17/67-09/12/68	0	14	
BLRI0073	No	00931	SODIUM ADSORPTION RATIO	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00931	SODIUM ADSORPTION RATIO	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00931	SODIUM ADSORPTION RATIO	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00931	SODIUM ADSORPTION RATIO	09/27/74-07/19/79	4	2	
BLRI0091	No	00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	17	324	
BLRI0096	No	00931	SODIUM ADSORPTION RATIO	05/18/70-12/27/73	3	5	
BLRI0106	No	00931	SODIUM ADSORPTION RATIO	02/18/69-02/18/69	0	1	
BLRI0115	No	00931	SODIUM ADSORPTION RATIO	03/24/68-03/24/68	0	1	
BLRI0119	Yes	00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00931	SODIUM ADSORPTION RATIO	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00931	SODIUM ADSORPTION RATIO	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00931	SODIUM ADSORPTION RATIO	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00931	SODIUM ADSORPTION RATIO	07/25/79-07/25/79	0	1	
BLRI0137	No	00931	SODIUM ADSORPTION RATIO	05/28/68-02/21/73	4	15	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0179	No	00931	SODIUM ADSORPTION RATIO	07/30/68-05/14/73	4	9	
BLRI0198	No	00931	SODIUM ADSORPTION RATIO	10/23/73-08/08/74	0	2	
BLRI0225	No	00931	SODIUM ADSORPTION RATIO	10/23/73-03/31/81	7	21	
BLRI0246	No	00931	SODIUM ADSORPTION RATIO	11/10/69-10/05/70	0	4	
BLRI0262	Yes	00931	SODIUM ADSORPTION RATIO	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00931	SODIUM ADSORPTION RATIO	02/11/72-07/18/72	0	2	
BLRI0269	No	00931	SODIUM ADSORPTION RATIO	10/23/73-04/22/76	2	3	
BLRI0333	No	00931	SODIUM ADSORPTION RATIO	10/23/73-08/08/74	0	2	
BLRI0012	Yes	00932	SODIUM, PERCENT	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00932	SODIUM, PERCENT	09/26/74-07/18/79	4	2	
BLRI0015	No	00932	SODIUM, PERCENT	03/05/68-05/21/69	1	2	
BLRI0016	Yes	00932	SODIUM, PERCENT	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00932	SODIUM, PERCENT	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00932	SODIUM, PERCENT	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00932	SODIUM, PERCENT	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00932	SODIUM, PERCENT	07/20/79-07/20/79	0	1	
BLRI0045	No	00932	SODIUM, PERCENT	06/20/68-06/20/68	0	1	
BLRI0053	No	00932	SODIUM, PERCENT	10/17/67-10/14/68	0	16	
BLRI0072	No	00932	SODIUM, PERCENT	10/17/67-09/12/68	0	14	
BLRI0073	No	00932	SODIUM, PERCENT	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00932	SODIUM, PERCENT	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00932	SODIUM, PERCENT	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00932	SODIUM, PERCENT	09/27/74-07/19/79	4	2	
BLRI0091	No	00932	SODIUM, PERCENT	10/01/68-11/25/85	17	324	
BLRI0096	No	00932	SODIUM, PERCENT	05/18/70-12/27/73	3	5	
BLRI0106	No	00932	SODIUM, PERCENT	02/18/69-02/18/69	0	1	
BLRI0115	No	00932	SODIUM, PERCENT	03/24/68-03/24/68	0	1	
BLRI0119	Yes	00932	SODIUM, PERCENT	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00932	SODIUM, PERCENT	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00932	SODIUM, PERCENT	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00932	SODIUM, PERCENT	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00932	SODIUM, PERCENT	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00932	SODIUM, PERCENT	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00932	SODIUM, PERCENT	07/25/79-07/25/79	0	1	
BLRI0137	No	00932	SODIUM, PERCENT	05/28/68-02/21/73	4	15	
BLRI0179	No	00932	SODIUM, PERCENT	07/30/68-05/14/73	4	9	
BLRI0198	No	00932	SODIUM, PERCENT	10/23/73-08/08/74	0	2	
BLRI0225	No	00932	SODIUM, PERCENT	10/23/73-03/31/81	7	21	
BLRI0246	No	00932	SODIUM, PERCENT	11/10/69-10/05/70	0	4	
BLRI0262	Yes	00932	SODIUM, PERCENT	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00932	SODIUM, PERCENT	02/11/72-07/18/72	0	2	
BLRI0269	No	00932	SODIUM, PERCENT	10/23/73-04/22/76	2	3	
BLRI0333	No	00932	SODIUM, PERCENT	10/23/73-08/08/74	0	2	
BLRI0012	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	0	1	
BLRI0018	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/20/79-07/20/79	0	1	
BLRI0022	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/20/79-07/20/79	0	1	
BLRI0073	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	0	1	
BLRI0084	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	0	1	
BLRI0087	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	0	1	
BLRI0091	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/11/79-04/02/80	0	7	
BLRI0119	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	0	1	
BLRI0126	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	0	1	
BLRI0132	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	0	1	
BLRI0225	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	11/02/79-11/02/79	0	2	
BLRI0107	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0002	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/86-04/11/86	0	2	
BLRI0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/86-04/11/86	0	2	
BLRI0011	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	4	2	
BLRI0015	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	4	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0018	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/79-07/20/79	0	1	
BLRI0033	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/17/86	0	2	
BLRI0034	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-03/31/86	0	1	
BLRI0036	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/17/86	0	2	
BLRI0037	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/15/86	0	2	
BLRI0045	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/52-06/20/68	15	4	
BLRI0053	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/67-10/14/68	0	16	
BLRI0072	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/67-09/12/68	0	14	
BLRI0073	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/74-07/19/79	4	2	
BLRI0091	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	17	348	
BLRI0096	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/70-12/27/73	3	5	
BLRI0106	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/51-02/18/69	17	5	
BLRI0115	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/01/29-03/24/68	38	40	
BLRI0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/79-07/25/79	0	1	
BLRI0137	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/55-02/21/73	17	23	
BLRI0147	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	0	1	
BLRI0150	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	0	1	
BLRI0153	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/86-05/07/86	0	1	
BLRI0159	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/82-05/05/83	0	2	
BLRI0160	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/86-05/07/86	0	1	
BLRI0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/06/87-01/20/88	0	7	
BLRI0179	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/56-05/14/73	16	12	
BLRI0182	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/20/85-07/10/85	0	4	
BLRI0193	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/85-07/10/85	0	1	
BLRI0195	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/57-04/19/62	4	8	
BLRI0197	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/16/85-07/16/85	0	1	
BLRI0198	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/73-08/08/74	0	2	
BLRI0201	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	0	1	
BLRI0203	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-09/29/86	0	1	
BLRI0204	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-11/20/86	0	5	
BLRI0205	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-09/29/86	0	1	
BLRI0206	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-11/20/86	0	6	
BLRI0207	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	0	1	
BLRI0208	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	0	1	
BLRI0212	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	0	1	
BLRI0216	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/03/83-05/03/83	0	1	
BLRI0220	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/57-04/04/58	0	2	
BLRI0225	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/56-01/21/88	31	44	S
BLRI0229	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/85-07/02/85	0	2	
BLRI0246	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/57-10/05/70	12	12	
BLRI0254	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/87-01/18/87	0	5	
BLRI0257	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/87-06/01/87	0	11	
BLRI0258	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	0	1	
BLRI0262	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	15	52	
BLRI0269	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/73-04/22/76	2	3	
BLRI0288	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/85-06/30/85	0	2	
BLRI0293	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/85-06/30/85	0	2	
BLRI0300	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/26/85-07/15/85	0	4	
BLRI0302	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/85-07/15/85	0	1	
BLRI0303	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/83-12/03/86	3	13	
BLRI0304	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/25/84-11/25/84	0	1	
BLRI0312	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/54-05/04/61	6	9	
BLRI0318	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/26/85-07/09/85	0	4	
BLRI0319	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/85-07/09/85	0	1	
BLRI0324	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/22/85-07/16/85	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0327	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/85-07/16/85	0	4	
BLRI0333	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/73-08/08/74	0	2	
BLRI0030	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/17/89-07/18/89	0	2	
BLRI0115	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/13/74-03/13/74	0	1	
BLRI0181	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/10/68-09/08/75	7	14	
BLRI0186	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0187	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0188	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0189	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0190	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0191	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0192	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	4	15	
BLRI0194	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/10/68-08/01/68	0	6	
BLRI0245	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/20/75-12/28/76	1	16	
BLRI0252	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/21/75-12/28/76	1	16	
BLRI0266	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/21/75-12/28/76	1	19	
BLRI0280	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/18/76-03/26/79	2	18	
BLRI0290	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/30/76-03/26/79	2	21	
BLRI0292	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/67-10/23/68	1	14	
BLRI0296	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/30/76-03/26/79	2	21	
BLRI0298	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/02/72-03/26/79	6	20	
BLRI0313	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/01/68-03/24/69	0	8	
BLRI0317	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/01/68-03/24/69	0	8	
BLRI0320	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/67-05/27/67	0	8	
BLRI0321	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/67-03/24/69	2	17	
BLRI0322	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/26/82-03/26/82	0	1	
BLRI0325	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/12/81-03/26/82	0	3	
BLRI0326	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/26/82-03/26/82	0	1	
BLRI0328	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/30/68-03/24/69	0	8	
BLRI0331	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/30/68-03/24/69	0	7	
BLRI0334	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/30/68-03/24/69	0	7	
BLRI0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/71-09/28/71	0	1	
BLRI0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/74-07/18/79	4	2	
BLRI0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/88-09/13/95	6	65	
BLRI0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/74-07/18/79	4	2	
BLRI0017	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/92-04/27/95	3	13	
BLRI0018	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/20/79-07/20/79	0	1	
BLRI0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/87-08/16/95	8	78	
BLRI0039	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/73-10/18/73	0	3	
BLRI0040	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/73-05/23/73	0	1	
BLRI0041	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/73-10/18/73	0	3	
BLRI0045	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/07/52-06/20/68	15	4	
BLRI0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/73-10/18/73	0	3	
BLRI0053	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/67-10/14/68	0	16	
BLRI0055	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/87-08/16/95	8	79	
BLRI0056	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/91-09/11/95	4	47	
BLRI0060	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/07/45-05/07/45	0	1	
BLRI0061	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/88-09/11/95	6	63	
BLRI0062	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/88-06/08/89	0	2	
BLRI0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/88-09/11/95	6	62	
BLRI0069	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/73-10/18/73	0	2	
BLRI0071	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/88-09/11/95	6	63	
BLRI0072	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/67-09/12/68	0	14	
BLRI0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/74-07/19/79	4	2	
BLRI0089	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/73-09/20/73	0	3	
BLRI0090	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/18/68-04/23/68	0	2	
BLRI0091	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/68-05/16/86	17	347	
BLRI0095	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-09/25/95	8	72	
BLRI0096	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/70-03/12/73	2	5	
BLRI0097	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/25/89-08/07/95	6	12	
BLRI0099	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/25/89-08/07/95	6	12	
BLRI0102	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/82-06/09/87	4	12	
BLRI0104	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/82-05/18/83	0	11	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0106	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/45-02/18/69	23	8	
BLRI0110	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/82-05/18/83	0	11	
BLRI0111	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/82-09/25/95	13	61	
BLRI0112	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-09/25/95	8	77	
BLRI0113	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/82-05/11/83	0	11	
BLRI0115	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/01/29-12/13/78	49	73	S
BLRI0117	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-05/24/83	0	29	
BLRI0119	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/79-07/25/79	0	1	
BLRI0136	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/83-12/19/94	11	6	
BLRI0137	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/55-02/21/73	17	23	
BLRI0152	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/70-04/20/71	0	5	
BLRI0157	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/70-04/20/71	0	5	
BLRI0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/80-06/28/90	10	11	
BLRI0163	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/86-10/24/89	3	37	
BLRI0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/87-01/20/88	0	7	
BLRI0179	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/56-05/14/73	16	12	
BLRI0181	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/68-09/08/75	7	15	
BLRI0186	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0187	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0188	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0189	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0190	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0191	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0192	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/77-12/14/81	4	15	
BLRI0194	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/68-08/01/68	0	6	
BLRI0195	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/57-04/19/62	4	8	
BLRI0198	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/73-08/08/74	0	2	
BLRI0201	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/86-09/30/86	0	1	
BLRI0202	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/87-10/29/87	0	1	
BLRI0203	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/86-09/29/86	0	1	
BLRI0204	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/86-11/20/86	0	5	
BLRI0205	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/86-09/29/86	0	1	
BLRI0206	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/86-11/20/86	0	6	
BLRI0207	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/86-09/30/86	0	1	
BLRI0208	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/86-09/30/86	0	1	
BLRI0215	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/90-07/27/92	1	2	
BLRI0220	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/06/57-04/04/58	0	2	
BLRI0223	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/90-07/27/92	1	2	
BLRI0224	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	8	72	
BLRI0225	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/56-01/21/88	31	44	S
BLRI0226	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/65-10/26/65	0	8	
BLRI0232	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/90-07/31/90	0	1	
BLRI0245	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/75-12/28/76	1	16	
BLRI0246	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/06/57-10/05/70	12	12	
BLRI0249	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/87-06/25/87	0	1	
BLRI0251	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/91-01/05/95	3	38	
BLRI0252	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/65-12/28/76	11	24	
BLRI0254	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/87-01/18/87	0	5	
BLRI0257	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/87-06/01/87	0	10	
BLRI0260	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/65-10/27/65	0	8	
BLRI0262	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/56-07/18/72	15	52	
BLRI0266	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/06/65-08/06/80	15	28	
BLRI0269	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/73-04/22/76	2	3	
BLRI0278	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/09/76	0	12	
BLRI0279	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/09/76	0	12	
BLRI0280	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-03/26/79	2	30	
BLRI0283	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/20/70-03/11/72	2	9	
BLRI0290	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/76-03/26/79	3	24	
BLRI0292	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/67-10/23/68	1	14	
BLRI0296	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/76-03/26/79	3	24	
BLRI0298	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/20/70-03/26/79	9	32	
BLRI0312	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/54-05/04/61	6	9	
BLRI0313	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/68-03/24/69	0	8	
BLRI0314	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/90-08/03/92	2	2	
BLRI0317	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-03/24/69	4	16	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0320	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/67-05/27/67	0	8	
BLRI0321	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/67-03/24/69	2	17	
BLRI0322	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/26/82-03/26/82	0	1	
BLRI0325	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/12/81-03/26/82	0	3	
BLRI0326	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/26/82-03/26/82	0	1	
BLRI0328	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/68-03/24/69	0	9	
BLRI0329	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	0	1	
BLRI0330	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	0	1	
BLRI0331	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/68-03/24/69	0	8	
BLRI0333	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/73-08/08/74	0	2	
BLRI0334	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/68-03/24/69	0	8	
BLRI0335	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	0	1	
BLRI0336	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	0	1	
BLRI0002	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/28/86-04/11/86	0	2	
BLRI0003	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/28/86-04/11/86	0	2	
BLRI0033	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/17/86	0	2	
BLRI0034	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-03/31/86	0	1	
BLRI0036	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/17/86	0	2	
BLRI0037	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/15/86	0	2	
BLRI0147	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	0	1	
BLRI0155	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/86-05/07/86	0	1	
BLRI0160	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/86-05/07/86	0	1	
BLRI0182	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/20/85-07/10/85	0	4	
BLRI0193	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/10/85-07/10/85	0	1	
BLRI0197	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/16/85-07/16/85	0	1	
BLRI0212	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	0	1	
BLRI0229	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/30/85-07/02/85	0	2	
BLRI0258	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	0	1	
BLRI0288	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/85-06/30/85	0	2	
BLRI0293	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/85-06/30/85	0	2	
BLRI0300	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/26/85-07/15/85	0	4	
BLRI0302	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/85-07/15/85	0	1	
BLRI0304	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/25/84-11/25/84	0	1	
BLRI0318	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/26/85-07/09/85	0	4	
BLRI0319	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/85-07/09/85	0	1	
BLRI0324	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/22/85-07/16/85	0	2	
BLRI0327	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/85-07/16/85	0	4	
BLRI0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-04/17/73	0	2	
BLRI0010	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-04/16/73	0	2	
BLRI0011	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	4	2	
BLRI0014	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	6	65	
BLRI0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	4	2	
BLRI0017	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/92-04/27/95	3	13	
BLRI0018	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/79-07/20/79	0	1	
BLRI0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	6	75	
BLRI0039	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/73-10/18/73	0	3	
BLRI0040	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/73-05/23/73	0	1	
BLRI0041	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/73-10/18/73	0	3	
BLRI0045	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/07/52-06/20/68	15	4	
BLRI0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/73-10/18/73	0	3	
BLRI0053	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/67-10/14/68	0	16	
BLRI0055	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	6	76	
BLRI0056	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/91-09/11/95	4	47	
BLRI0060	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/07/45-05/07/45	0	1	
BLRI0061	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	6	63	
BLRI0062	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-06/08/89	0	2	
BLRI0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	6	62	
BLRI0069	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/73-10/18/73	0	2	
BLRI0071	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	6	63	
BLRI0072	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/67-09/12/68	0	14	
BLRI0073	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/74-07/19/79	4	2	
BLRI0089	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/73-09/20/73	0	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0090	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/18/68-04/23/68	0	2	
BLRI0091	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	17	347	
BLRI0095	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	8	73	
BLRI0096	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/70-12/27/73	3	7	
BLRI0097	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/89-08/07/95	6	12	
BLRI0099	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/89-08/07/95	6	12	
BLRI0102	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-06/09/87	0	1	
BLRI0106	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/45-02/18/69	23	8	
BLRI0111	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	8	50	
BLRI0112	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	8	75	
BLRI0115	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/01/29-12/13/78	49	73	S
BLRI0119	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	4	2	
BLRI0120	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/72-05/04/72	0	3	
BLRI0121	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/72-05/04/72	0	3	
BLRI0126	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/79-07/25/79	0	1	
BLRI0137	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/55-02/21/73	17	23	
BLRI0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	14	121	
BLRI0163	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/86-08/19/91	5	45	
BLRI0164	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/87-01/20/88	0	7	
BLRI0179	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/56-05/14/73	16	12	
BLRI0181	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/68-09/08/75	7	15	
BLRI0186	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0187	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0188	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0189	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0190	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0191	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0192	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	4	15	
BLRI0194	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/68-08/01/68	0	6	
BLRI0195	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/57-04/19/62	4	8	
BLRI0196	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/29/86-08/29/89	3	3	
BLRI0198	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/73-08/08/74	0	2	
BLRI0201	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	0	1	
BLRI0202	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/85-12/15/94	9	52	
BLRI0203	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-09/29/86	0	1	
BLRI0204	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-11/20/86	0	5	
BLRI0205	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-09/29/86	0	1	
BLRI0206	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-11/20/86	0	6	
BLRI0207	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	0	1	
BLRI0208	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	0	1	
BLRI0220	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/57-04/04/58	0	2	
BLRI0224	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/86-08/20/91	5	42	
BLRI0225	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/56-01/21/88	31	44	S
BLRI0245	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-12/28/76	1	16	
BLRI0246	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/57-10/05/70	12	12	
BLRI0252	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-12/28/76	1	16	
BLRI0254	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/87-01/18/87	0	5	
BLRI0257	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/87-06/01/87	0	11	
BLRI0262	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	15	52	
BLRI0266	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/75-08/06/80	5	19	
BLRI0269	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/73-04/22/76	2	3	
BLRI0278	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/09/76	0	12	
BLRI0279	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/09/76	0	12	
BLRI0280	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-03/26/79	2	30	
BLRI0290	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/76-03/26/79	2	21	
BLRI0292	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-10/23/68	1	14	
BLRI0296	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/76-03/26/79	2	21	
BLRI0298	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/72-03/26/79	6	20	
BLRI0312	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/54-05/04/61	6	9	
BLRI0313	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/68-03/24/69	0	8	
BLRI0317	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/68-03/24/69	0	8	
BLRI0320	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-05/27/67	0	9	
BLRI0321	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-03/24/69	2	17	
BLRI0322	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/82-03/26/82	0	1	
BLRI0325	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/81-03/26/82	0	2	
BLRI0326	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/82-03/26/82	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0328	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	0	9	
BLRI0331	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	0	8	
BLRI0333	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/73-08/08/74	0	2	
BLRI0334	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	0	8	
BLRI0002	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/28/86-04/11/86	0	2	
BLRI0003	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/28/86-04/11/86	0	2	
BLRI0033	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/17/86	0	2	
BLRI0034	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-03/31/86	0	1	
BLRI0036	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/17/86	0	2	
BLRI0037	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/15/86	0	2	
BLRI0150	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	0	1	
BLRI0153	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-11/25/86	4	11	
BLRI0156	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/86-05/07/86	0	1	
BLRI0159	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/28/82-05/05/83	0	2	
BLRI0160	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/86-05/07/86	0	1	
BLRI0182	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/20/85-07/10/85	0	4	
BLRI0193	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/10/85-07/10/85	0	1	
BLRI0197	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/16/85-07/16/85	0	1	
BLRI0216	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/03/83-05/03/83	0	1	
BLRI0229	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/30/85-07/02/85	0	2	
BLRI0283	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/20/70-03/11/72	2	9	
BLRI0288	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/85-06/30/85	0	2	
BLRI0290	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/76-05/25/76	0	3	
BLRI0293	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/85-06/30/85	0	2	
BLRI0296	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/76-05/24/76	0	3	
BLRI0298	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/21/70-05/24/76	6	12	
BLRI0300	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/26/85-07/15/85	0	4	
BLRI0302	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/85-07/15/85	0	1	
BLRI0303	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/21/83-12/03/86	3	13	
BLRI0318	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/26/85-07/09/85	0	4	
BLRI0319	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/85-07/09/85	0	1	
BLRI0324	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/22/85-07/16/85	0	2	
BLRI0327	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/85-07/16/85	0	4	
BLRI0002	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/86-04/11/86	0	2	
BLRI0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/86-04/11/86	0	2	
BLRI0012	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	4	2	
BLRI0015	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/20/79-07/20/79	0	1	
BLRI0033	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/17/86	0	2	
BLRI0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-03/31/86	0	1	
BLRI0036	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/17/86	0	2	
BLRI0037	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/15/86	0	2	
BLRI0045	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/52-06/20/68	15	4	
BLRI0053	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/67-10/14/68	0	16	
BLRI0060	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/45-05/07/45	0	1	
BLRI0072	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/67-09/12/68	0	14	
BLRI0073	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/74-07/19/79	4	2	
BLRI0091	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	17	348	
BLRI0096	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/18/70-12/27/73	3	7	
BLRI0106	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/45-02/18/69	23	8	
BLRI0115	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/45-03/24/68	22	17	
BLRI0119	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/79-07/25/79	0	1	
BLRI0135	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/73-07/18/73	0	1	
BLRI0137	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/55-02/21/73	17	23	
BLRI0140	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0142	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0143	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0144	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0145	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0146	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0147	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	0	1	
BLRI0148	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0149	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	0	1	
BLRI0150	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	0	1	
BLRI0153	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/86-05/07/86	0	1	
BLRI0159	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/28/82-05/05/83	0	2	
BLRI0160	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/86-05/07/86	0	1	
BLRI0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/06/87-01/20/88	0	7	
BLRI0179	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/56-05/14/73	16	12	
BLRI0182	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/20/85-07/10/85	0	4	
BLRI0193	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/85-07/10/85	0	1	
BLRI0195	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/57-04/19/62	4	8	
BLRI0197	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/16/85-07/16/85	0	1	
BLRI0198	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/73-08/08/74	0	2	
BLRI0201	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	0	1	
BLRI0203	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-09/29/86	0	1	
BLRI0204	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-11/20/86	0	5	
BLRI0205	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-09/29/86	0	1	
BLRI0206	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-11/20/86	0	6	
BLRI0207	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	0	1	
BLRI0208	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	0	1	
BLRI0212	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	0	1	
BLRI0216	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/03/83-05/03/83	0	1	
BLRI0220	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/57-04/04/58	0	2	
BLRI0225	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/56-01/21/88	31	44	S
BLRI0229	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/85-07/02/85	0	2	
BLRI0246	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/57-05/04/62	4	8	
BLRI0254	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/87-01/18/87	0	5	
BLRI0257	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/87-06/01/87	0	11	
BLRI0258	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	0	1	
BLRI0263	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	5	50	
BLRI0269	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/73-04/22/76	2	3	
BLRI0288	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/85-06/30/85	0	2	
BLRI0293	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/85-06/30/85	0	2	
BLRI0300	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/85-07/15/85	0	4	
BLRI0302	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/85-07/15/85	0	1	
BLRI0303	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/83-12/03/86	3	13	
BLRI0304	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/25/84-11/25/84	0	1	
BLRI0312	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/54-05/04/61	6	9	
BLRI0318	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/85-07/09/85	0	4	
BLRI0319	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/85-07/09/85	0	1	
BLRI0322	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	0	1	
BLRI0324	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/22/85-07/16/85	0	2	
BLRI0325	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	0	1	
BLRI0326	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	0	1	
BLRI0327	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/85-07/16/85	0	4	
BLRI0333	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/73-08/08/74	0	2	
BLRI0014	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/17/89-04/19/93	4	32	
BLRI0017	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/92-02/18/93	0	4	
BLRI0038	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	4	49	
BLRI0055	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	7	52	
BLRI0056	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/07/91-11/09/92	1	12	
BLRI0061	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	3	28	
BLRI0062	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-06/08/89	0	2	
BLRI0064	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	3	25	
BLRI0071	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	3	28	
BLRI0095	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	5	46	
BLRI0097	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/25/89-10/02/89	0	5	
BLRI0099	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/25/89-10/02/89	0	5	
BLRI0102	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-06/09/87	0	1	
BLRI0111	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	5	21	
BLRI0112	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	5	45	
BLRI0161	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/22/80-06/26/80	0	5	
BLRI0163	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/28/89-02/28/89	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0181	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/13/68-09/08/75	7	13	
BLRI0186	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0187	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0188	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0189	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0190	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0191	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0192	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	4	15	
BLRI0194	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/14/68-08/01/68	0	5	
BLRI0196	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/23/84-12/31/90	6	2	
BLRI0224	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/19/88-05/19/88	0	1	
BLRI0245	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/20/75-12/28/76	1	16	
BLRI0252	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/21/75-12/28/76	1	16	
BLRI0266	No	00951	FLUORIDE, TOTAL (MG/L AS F)	07/21/75-12/28/76	1	19	
BLRI0292	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-10/23/68	0	5	
BLRI0313	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-03/24/69	0	8	
BLRI0317	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-03/24/69	0	8	
BLRI0321	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/02/68-03/24/69	0	8	
BLRI0328	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	0	9	
BLRI0331	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	0	8	
BLRI0334	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	0	8	
BLRI0335	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/16/74-09/16/74	0	1	
BLRI0336	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/16/74-01/29/75	0	2	
BLRI0002	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/86-04/11/86	0	2	
BLRI0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/86-04/11/86	0	2	
BLRI0011	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/74-07/18/79	4	2	
BLRI0014	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/13/89-12/15/92	3	30	
BLRI0015	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/74-07/18/79	4	2	
BLRI0017	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/92-02/18/93	0	4	
BLRI0018	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/79-07/20/79	0	1	
BLRI0033	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/17/86	0	2	
BLRI0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-03/31/86	0	1	
BLRI0036	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/17/86	0	2	
BLRI0037	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/15/86	0	2	
BLRI0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/89-02/17/93	3	41	
BLRI0045	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/52-06/20/68	15	4	
BLRI0053	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/67-10/14/68	0	16	
BLRI0055	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/89-02/17/93	3	42	
BLRI0056	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/91-11/09/92	1	14	
BLRI0060	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/45-05/07/45	0	1	
BLRI0061	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/89-11/09/92	3	27	
BLRI0062	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/89-06/08/89	0	1	
BLRI0064	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/89-11/09/92	3	25	
BLRI0071	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/89-11/09/92	3	27	
BLRI0072	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/67-09/12/68	0	14	
BLRI0073	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/74-07/19/79	4	2	
BLRI0091	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	17	345	
BLRI0095	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/02/89-01/28/93	3	38	
BLRI0097	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/89-10/02/89	0	1	
BLRI0099	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/89-10/02/89	0	1	
BLRI0106	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/45-02/18/69	23	8	
BLRI0111	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/91-01/28/93	1	17	
BLRI0112	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/02/89-01/28/93	3	39	
BLRI0115	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/01/29-03/24/68	38	53	
BLRI0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/79-07/25/79	0	1	
BLRI0137	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/55-02/21/73	17	23	
BLRI0147	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/21/84-11/21/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0155	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/86-05/07/86	0	1	
BLRI0160	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/86-05/07/86	0	1	
BLRI0164	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/87-01/20/88	0	7	
BLRI0179	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/56-05/14/73	16	12	
BLRI0181	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/17/75-09/08/75	0	7	
BLRI0182	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/20/85-07/10/85	0	4	
BLRI0193	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/85-07/10/85	0	1	
BLRI0195	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/57-04/19/62	4	7	
BLRI0197	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/16/85	0	1	
BLRI0198	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/73-08/08/74	0	2	
BLRI0201	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/30/86-09/30/86	0	1	
BLRI0203	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/86-09/29/86	0	1	
BLRI0204	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/86-11/20/86	0	5	
BLRI0205	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/86-09/29/86	0	1	
BLRI0206	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/86-11/20/86	0	6	
BLRI0207	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/30/86-09/30/86	0	1	
BLRI0208	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/30/86-09/30/86	0	1	
BLRI0212	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/21/84-11/21/84	0	1	
BLRI0220	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/06/57-04/04/58	0	2	
BLRI0225	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/56-01/21/88	31	42	S
BLRI0229	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/85-07/02/85	0	2	
BLRI0245	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/75-12/28/76	1	16	
BLRI0246	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/06/57-10/05/70	12	11	
BLRI0252	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-12/28/76	1	16	
BLRI0254	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/87-01/18/87	0	5	
BLRI0257	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/87-06/01/87	0	11	
BLRI0258	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/21/84-11/21/84	0	1	
BLRI0262	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/16/70-09/03/71	0	6	
BLRI0263	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/56-07/18/72	15	52	
BLRI0266	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/75-12/28/76	1	19	
BLRI0269	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/73-04/22/76	2	3	
BLRI0288	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/85-06/30/85	0	2	
BLRI0293	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/85-06/30/85	0	2	
BLRI0300	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/85-07/15/85	0	4	
BLRI0302	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/85-07/15/85	0	1	
BLRI0304	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/25/84-11/25/84	0	1	
BLRI0312	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/54-05/04/61	6	9	
BLRI0318	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/85-07/09/85	0	4	
BLRI0319	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/85-07/09/85	0	1	
BLRI0322	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0324	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/22/85-07/16/85	0	2	
BLRI0325	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0326	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0327	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/85-07/16/85	0	4	
BLRI0333	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/73-08/08/74	0	2	
BLRI0181	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/10/68-02/10/75	7	8	
BLRI0194	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/10/68-08/01/68	0	6	
BLRI0292	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/67-10/23/68	1	14	
BLRI0313	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/01/68-03/24/69	0	8	
BLRI0317	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/01/68-03/24/69	0	8	
BLRI0320	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/67-05/27/67	0	9	
BLRI0321	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/67-03/24/69	2	17	
BLRI0322	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0325	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0326	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/26/82-03/26/82	0	1	
BLRI0328	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/30/68-03/24/69	0	9	
BLRI0331	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/30/68-03/24/69	0	8	
BLRI0334	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/30/68-03/24/69	0	8	
BLRI0013	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-09/26/74	0	1	
BLRI0020	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/20/79	4	2	
BLRI0073	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/27/74-09/27/74	0	1	
BLRI0084	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/27/74-07/27/74	0	1	
BLRI0087	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/27/74-09/27/74	0	1	
BLRI0096	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/18/70-12/27/73	3	7	
BLRI0119	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-10/10/74	0	1	
BLRI0126	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/24/79-07/24/79	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0130	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/25/79	4	2	
BLRI0218	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/09/70-10/09/70	0	1	
BLRI0225	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/02/79-11/02/79	0	1	
BLRI0335	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/21/73-01/29/75	1	5	
BLRI0336	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/21/73-01/29/75	1	5	
BLRI0225	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	11/02/79-11/02/79	0	1	
BLRI0001	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	0	1	
BLRI0005	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/18/71-08/29/78	7	11	
BLRI0014	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/76-07/14/82	6	5	
BLRI0030	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/89-08/15/94	5	4	
BLRI0038	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/71-07/21/92	21	17	
BLRI0042	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/22/88-06/01/94	5	6	
BLRI0043	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/11/75-06/18/79	3	8	
BLRI0048	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/22/88-06/01/94	5	7	
BLRI0049	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-12/02/78	7	16	
BLRI0050	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/11/75-06/18/79	3	7	
BLRI0055	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/21/92	21	23	
BLRI0058	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/75-08/01/78	3	5	
BLRI0061	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/82-07/20/82	0	1	
BLRI0070	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/71-08/01/78	7	9	
BLRI0071	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/20/82	11	17	
BLRI0085	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-06/11/79	8	13	
BLRI0090	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-06/07/79	8	12	
BLRI0094	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/79-05/02/79	0	1	
BLRI0095	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-07/28/92	20	19	
BLRI0097	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/25/83-10/04/94	11	50	
BLRI0098	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/13/95-07/13/95	0	2	
BLRI0099	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-10/04/94	23	55	
BLRI0100	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/76-06/15/76	0	1	
BLRI0102	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/81-09/09/87	6	8	
BLRI0104	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/71-08/26/73	2	5	
BLRI0109	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/75-06/07/79	3	6	
BLRI0110	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/17/88-09/29/92	3	6	
BLRI0111	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	21	27	
BLRI0112	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	21	27	
BLRI0113	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/82-09/29/92	10	7	
BLRI0116	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/22/89-08/27/92	3	2	
BLRI0120	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/72-05/04/72	0	3	
BLRI0121	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/72-05/04/72	0	3	
BLRI0133	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/10/93-08/10/93	0	2	
BLRI0134	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/02/74-01/28/81	6	24	
BLRI0135	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/73-01/28/81	7	16	
BLRI0136	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/81-12/19/94	13	56	
BLRI0137	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/71-06/30/71	0	1	
BLRI0140	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0141	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/80-04/01/80	0	1	
BLRI0142	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0144	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0145	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0146	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0148	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0149	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	0	1	
BLRI0157	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/85-12/20/94	9	47	
BLRI0158	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/74-12/08/80	6	18	
BLRI0161	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	15	93	
BLRI0163	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/15/86-06/11/91	5	26	
BLRI0164	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/19/87-01/20/88	1	9	
BLRI0165	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/74-12/08/80	6	8	
BLRI0181	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/10/75-08/11/75	0	3	
BLRI0196	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/81-12/15/94	13	79	
BLRI0198	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/77-03/10/78	0	2	
BLRI0202	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/85-12/15/94	9	53	
BLRI0217	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/73-07/25/74	1	3	
BLRI0224	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/86-12/13/94	8	63	
BLRI0225	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/76-01/21/88	11	16	
BLRI0238	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	1	2	
BLRI0240	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	1	2	
BLRI0245	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/19/75-11/16/76	0	4	
BLRI0248	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	1	2	
BLRI0249	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	9	64	
BLRI0251	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	9	62	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0252	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/19/75-11/16/76	0	5	
BLRI0266	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/18/75-11/16/76	1	7	
BLRI0269	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/76-03/10/78	1	3	
BLRI0295	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/74-05/05/75	1	3	
BLRI0301	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/24/91-10/17/94	2	36	
BLRI0311	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/09/71-11/04/71	0	2	
BLRI0314	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/92-08/03/92	0	1	
BLRI0333	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/77-03/10/78	0	2	
BLRI0014	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/14/90-08/14/90	0	1	
BLRI0030	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/05/89-06/19/95	6	4	
BLRI0055	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0110	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/01/90-12/14/93	3	4	
BLRI0111	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/28/80-04/10/95	15	10	
BLRI0112	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/12/76-04/10/95	18	11	
BLRI0113	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/01/90-06/25/92	2	2	
BLRI0116	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/81-11/30/84	3	3	
BLRI0163	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0071	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/15/80-09/15/80	0	1	
BLRI0161	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	02/25/82-07/27/82	0	2	
BLRI0141	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/01/80-04/01/80	0	1	
BLRI0157	No	01007	BARIUM, TOTAL (UG/L AS BA)	03/30/89-03/30/89	0	1	
BLRI0163	No	01007	BARIUM, TOTAL (UG/L AS BA)	03/30/89-03/30/89	0	1	
BLRI0181	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/10/75-08/11/75	0	3	
BLRI0186	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0187	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0188	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0189	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0190	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0191	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0192	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/77-07/11/77	0	1	
BLRI0245	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/19/75-11/16/76	0	5	
BLRI0252	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/19/75-11/16/76	0	5	
BLRI0266	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/18/75-11/16/76	1	7	
BLRI0107	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0135	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/18/73-07/18/73	0	1	
BLRI0140	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0142	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0144	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0145	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0146	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0148	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0149	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	0	1	
BLRI0001	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/01/79-05/01/79	0	1	
BLRI0038	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/16/84-05/16/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0042	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/92-09/10/92	0	1	
BLRI0048	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/92-09/10/92	0	1	
BLRI0055	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/16/84-07/21/92	8	2	
BLRI0094	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/02/79-05/02/79	0	1	
BLRI0095	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	8	2	
BLRI0097	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/16/88-08/16/88	0	1	
BLRI0099	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/16/88-08/16/88	0	1	
BLRI0102	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-05/08/84	0	1	
BLRI0110	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/29/92-09/29/92	0	1	
BLRI0111	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	8	3	
BLRI0112	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	8	2	
BLRI0113	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/29/92-09/29/92	0	1	
BLRI0116	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/27/92-08/27/92	0	1	
BLRI0141	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/01/80-04/01/80	0	1	
BLRI0157	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/28/89-12/28/89	0	1	
BLRI0163	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/28/89-12/28/89	0	1	
BLRI0181	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/10/75-08/11/75	0	3	
BLRI0202	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/26/89-05/26/89	0	1	
BLRI0224	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/30/88-06/18/90	1	4	
BLRI0232	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/31/90-07/31/90	0	1	
BLRI0245	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/19/75-11/16/76	0	5	
BLRI0252	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/19/75-11/16/76	0	5	
BLRI0266	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/18/75-11/16/76	1	7	
BLRI0014	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/83-06/02/83	0	1	
BLRI0017	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0030	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/21/92-04/11/95	2	3	
BLRI0042	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/10/92-06/19/95	2	3	
BLRI0046	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/01/94-06/19/95	1	2	
BLRI0055	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/21/92-04/11/95	2	3	
BLRI0057	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/15/83-06/15/83	0	1	
BLRI0071	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/15/83-06/15/83	0	1	
BLRI0085	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0097	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/28/94-06/28/94	0	1	
BLRI0099	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/28/94-06/28/94	0	1	
BLRI0102	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0107	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	10/28/92-12/14/93	1	2	
BLRI0111	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/28/92-04/10/95	2	3	
BLRI0112	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/28/92-04/10/95	2	3	
BLRI0133	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0096	No	01020	BORON, DISSOLVED (UG/L AS B)	05/18/70-03/12/73	2	5	
BLRI0181	No	01022	BORON, TOTAL (UG/L AS B)	02/10/75-08/11/75	0	3	
BLRI0245	No	01022	BORON, TOTAL (UG/L AS B)	11/19/75-11/16/76	0	4	
BLRI0252	No	01022	BORON, TOTAL (UG/L AS B)	11/19/75-11/16/76	0	5	
BLRI0266	No	01022	BORON, TOTAL (UG/L AS B)	08/18/75-11/16/76	1	7	
BLRI0013	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/20/79-07/20/79	0	1	
BLRI0073	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/23/79-07/23/79	0	1	
BLRI0096	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/18/70-12/27/73	3	7	
BLRI0126	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/25/79-07/25/79	0	1	
BLRI0218	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/09/70-10/09/70	0	1	
BLRI0225	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/02/79-11/02/79	0	1	
BLRI0225	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	11/02/79-11/02/79	0	1	
BLRI0001	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	0	1	
BLRI0004	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/23/72	0	1	
BLRI0005	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/18/71-08/29/78	7	14	
BLRI0010	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/23/72	0	1	
BLRI0014	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/74-07/14/82	7	6	
BLRI0030	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/17/89-08/15/94	5	4	
BLRI0038	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-07/21/92	21	21	
BLRI0042	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/88-06/01/94	5	6	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0043	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/10/75-06/18/79	4	9	
BLRI0048	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/88-06/01/94	5	6	
BLRI0049	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-12/02/78	8	19	
BLRI0050	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/10/75-06/18/79	4	8	
BLRI0055	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/22/70-07/21/92	21	27	
BLRI0058	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-08/01/78	3	6	
BLRI0061	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/20/82-07/20/82	0	1	
BLRI0070	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-08/01/78	7	14	
BLRI0071	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/29/70-07/20/82	11	20	
BLRI0085	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-06/11/79	8	16	
BLRI0090	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-06/07/79	8	17	
BLRI0094	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/02/79-05/02/79	0	1	
BLRI0095	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-07/28/92	20	21	
BLRI0097	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/25/83-10/04/94	11	50	
BLRI0098	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/13/95-07/13/95	0	2	
BLRI0099	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-10/04/94	23	57	
BLRI0100	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/76-06/15/76	0	1	
BLRI0102	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/17/81-09/09/87	6	19	
BLRI0104	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-05/18/83	12	21	
BLRI0109	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/75-06/07/79	3	7	
BLRI0110	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/30/82-09/29/92	10	18	
BLRI0111	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	21	43	
BLRI0112	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	21	31	
BLRI0113	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/82-09/29/92	10	18	
BLRI0116	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/22/89-08/27/92	3	2	
BLRI0117	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/82-05/24/83	0	54	
BLRI0121	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/03/72-02/03/72	0	1	
BLRI0133	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/10/93-08/10/93	0	2	
BLRI0134	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/02/74-01/28/81	6	24	
BLRI0135	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/77-01/28/81	4	15	
BLRI0136	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/81-12/19/94	13	57	
BLRI0137	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/30/71-06/30/71	0	1	
BLRI0141	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/80-04/01/80	0	1	
BLRI0157	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/08/85-12/20/94	9	48	
BLRI0158	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/74-03/30/81	6	19	
BLRI0161	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	15	99	
BLRI0163	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/86-06/11/91	5	28	
BLRI0164	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/19/87-01/20/88	1	9	
BLRI0165	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/74-03/30/81	6	9	
BLRI0181	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/10/75-08/11/75	0	3	
BLRI0186	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0187	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0188	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0189	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0190	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0191	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0192	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/11/77-07/11/77	0	1	
BLRI0196	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/81-12/15/94	13	80	
BLRI0202	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/85-12/15/94	9	54	
BLRI0215	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/27/92	1	2	
BLRI0217	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/73-07/25/74	1	3	
BLRI0223	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/27/92	1	2	
BLRI0224	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/86-12/13/94	8	64	
BLRI0225	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/02/79-01/21/88	8	12	
BLRI0232	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/31/90	0	1	
BLRI0235	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/87-11/10/87	0	4	
BLRI0238	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	1	2	
BLRI0240	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	1	2	
BLRI0245	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/19/75-11/16/76	0	5	
BLRI0248	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	1	2	
BLRI0249	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	9	64	
BLRI0251	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	9	62	
BLRI0252	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/19/75-11/16/76	0	5	
BLRI0254	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/87-11/10/87	0	3	
BLRI0257	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/01/87-06/01/87	0	6	
BLRI0266	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/18/75-11/16/76	1	7	
BLRI0295	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/02/74-05/05/75	1	3	
BLRI0301	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/24/91-10/17/94	2	36	
BLRI0314	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/90-08/03/92	2	2	
BLRI0014	No	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/14/90-08/14/90	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0030	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/11/92	0	4	
BLRI0048	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-04/10/95	13	10	
BLRI0112	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/76-04/10/95	18	10	
BLRI0113	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/81-11/30/84	3	4	
BLRI0163	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0014	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/28/80-04/10/95	15	11	
BLRI0112	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/76-04/10/95	18	11	
BLRI0113	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/81-11/30/84	3	4	
BLRI0163	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0013	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/79-07/20/79	0	1	
BLRI0073	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/23/79-07/23/79	0	1	
BLRI0096	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/17/71-02/17/71	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0126	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	0	1	
BLRI0130	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/25/79-07/25/79	0	1	
BLRI0198	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0225	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/26/76-02/11/81	4	10	
BLRI0269	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/26/76-03/10/78	1	3	
BLRI0333	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0335	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/21/73-01/29/75	1	6	
BLRI0336	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/21/73-01/29/75	1	6	
BLRI0198	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0225	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	03/10/78-02/11/81	2	8	
BLRI0269	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/26/76-03/10/78	1	3	
BLRI0333	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0137	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/30/71-06/30/71	0	1	
BLRI0217	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/73-07/25/74	1	3	
BLRI0218	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/09/70-10/09/70	0	1	
BLRI0311	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/16/68-12/16/70	2	3	
BLRI0001	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	0	1	
BLRI0004	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/72-04/17/73	0	3	
BLRI0005	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/70-08/29/78	8	23	
BLRI0010	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/72-02/13/73	0	2	
BLRI0014	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/74-07/14/82	7	8	
BLRI0030	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/17/89-08/15/94	5	4	
BLRI0038	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	22	29	
BLRI0039	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	0	2	
BLRI0041	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	0	2	
BLRI0042	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/22/88-06/01/94	5	6	
BLRI0043	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/74-06/18/79	4	11	
BLRI0048	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/22/88-06/01/94	5	6	
BLRI0049	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-12/02/78	8	29	
BLRI0050	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/74-06/18/79	4	10	
BLRI0052	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	0	2	
BLRI0055	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	22	37	
BLRI0058	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/08/75-08/01/78	3	7	
BLRI0061	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/20/82-07/20/82	0	1	
BLRI0069	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	0	2	
BLRI0070	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/70-08/01/78	8	21	
BLRI0071	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/20/82	12	30	
BLRI0085	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-06/11/79	9	25	
BLRI0089	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/18/73-09/20/73	0	2	
BLRI0090	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-06/07/79	9	26	
BLRI0094	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/79-05/02/79	0	1	
BLRI0095	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-07/28/92	20	23	
BLRI0096	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/70-12/27/73	3	6	
BLRI0097	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/25/83-10/04/94	11	50	
BLRI0098	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/13/95-07/13/95	0	2	
BLRI0099	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-10/04/94	23	59	
BLRI0100	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/17/74-06/15/76	1	3	
BLRI0102	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/17/81-09/09/87	6	19	
BLRI0104	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-05/18/83	13	28	
BLRI0109	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/30/74-06/07/79	4	10	
BLRI0110	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/30/82-09/29/92	10	18	
BLRI0111	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	22	53	
BLRI0112	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	22	41	
BLRI0113	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/82-09/29/92	10	18	
BLRI0116	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/22/89-08/27/92	3	2	
BLRI0117	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/82-05/24/83	0	54	
BLRI0133	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/10/93-08/10/93	0	2	
BLRI0134	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/02/74-01/28/81	6	24	
BLRI0135	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/77-01/28/81	4	15	
BLRI0136	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/81-12/19/94	13	57	
BLRI0140	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/70-07/17/73	3	6	
BLRI0141	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/80-04/01/80	0	1	
BLRI0142	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/70-07/17/73	3	7	
BLRI0157	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/08/85-12/20/94	9	48	
BLRI0158	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/74-03/30/81	6	19	
BLRI0161	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	15	99	
BLRI0163	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/86-06/11/91	5	29	
BLRI0164	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/19/87-01/20/88	1	9	
BLRI0165	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/74-03/30/81	6	9	
BLRI0181	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/10/75-08/11/75	0	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0186	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0187	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0188	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0189	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0190	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0191	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0192	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	0	1	
BLRI0196	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/81-12/15/94	13	80	
BLRI0198	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0202	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/85-12/15/94	9	55	
BLRI0215	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/27/92	1	2	
BLRI0217	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/73-07/25/74	1	3	
BLRI0223	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/27/92	1	2	
BLRI0224	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/86-12/13/94	8	67	
BLRI0225	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/78-01/21/88	9	19	
BLRI0232	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/31/90	0	1	
BLRI0238	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	1	2	
BLRI0240	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	1	2	
BLRI0245	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/19/75-11/16/76	0	5	
BLRI0248	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	1	2	
BLRI0249	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	9	64	
BLRI0251	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	9	62	
BLRI0252	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/19/75-11/16/76	0	5	
BLRI0264	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/10/72-08/10/72	0	1	
BLRI0266	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/18/75-11/16/76	1	7	
BLRI0269	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/26/76-03/10/78	1	3	
BLRI0295	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/74-05/05/75	1	3	
BLRI0301	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/24/91-10/17/94	2	36	
BLRI0311	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/16/68-11/04/71	3	15	
BLRI0314	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/90-08/03/92	2	2	
BLRI0333	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/77-03/10/78	0	2	
BLRI0096	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/11/73-12/27/73	0	2	
BLRI0218	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/09/70-10/09/70	0	1	
BLRI0225	No	01035	COBALT, DISSOLVED (UG/L AS CO)	11/02/79-11/02/79	0	1	
BLRI0225	No	01036	COBALT, SUSPENDED (UG/L AS CO)	11/02/79-11/02/79	0	1	
BLRI0134	No	01037	COBALT, TOTAL (UG/L AS CO)	01/08/75-01/28/81	6	22	
BLRI0135	No	01037	COBALT, TOTAL (UG/L AS CO)	07/18/73-01/28/81	7	16	
BLRI0136	No	01037	COBALT, TOTAL (UG/L AS CO)	04/23/81-07/21/81	0	2	
BLRI0140	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0141	No	01037	COBALT, TOTAL (UG/L AS CO)	04/01/80-04/01/80	0	1	
BLRI0142	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0144	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0145	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0146	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0148	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0149	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	0	1	
BLRI0157	No	01037	COBALT, TOTAL (UG/L AS CO)	03/30/89-12/28/89	0	2	
BLRI0158	No	01037	COBALT, TOTAL (UG/L AS CO)	05/13/74-03/30/81	6	19	
BLRI0161	No	01037	COBALT, TOTAL (UG/L AS CO)	03/19/79-03/30/89	10	27	
BLRI0163	No	01037	COBALT, TOTAL (UG/L AS CO)	05/15/86-12/28/89	3	16	
BLRI0164	No	01037	COBALT, TOTAL (UG/L AS CO)	01/19/87-01/20/88	1	9	
BLRI0165	No	01037	COBALT, TOTAL (UG/L AS CO)	04/08/74-03/30/81	6	9	
BLRI0196	No	01037	COBALT, TOTAL (UG/L AS CO)	06/23/81-11/03/81	0	3	
BLRI0215	No	01037	COBALT, TOTAL (UG/L AS CO)	07/31/90-07/27/92	1	2	
BLRI0223	No	01037	COBALT, TOTAL (UG/L AS CO)	07/27/92-07/27/92	0	1	
BLRI0224	No	01037	COBALT, TOTAL (UG/L AS CO)	05/30/86-06/18/90	4	13	
BLRI0225	No	01037	COBALT, TOTAL (UG/L AS CO)	11/02/79-01/21/88	8	12	
BLRI0232	No	01037	COBALT, TOTAL (UG/L AS CO)	07/31/90-07/31/90	0	1	
BLRI0295	No	01037	COBALT, TOTAL (UG/L AS CO)	05/02/74-05/05/75	1	3	
BLRI0314	No	01037	COBALT, TOTAL (UG/L AS CO)	08/03/92-08/03/92	0	1	
BLRI0107	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0013	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-09/26/74	0	1	
BLRI0020	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/20/79	4	2	
BLRI0073	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/27/74-09/27/74	0	1	
BLRI0084	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/27/74-07/27/74	0	1	
BLRI0087	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/27/74-09/27/74	0	1	
BLRI0096	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/18/70-12/27/73	3	7	
BLRI0119	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-10/10/74	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0126	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/25/79	4	2	
BLRI0186	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	13	
BLRI0187	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0188	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0189	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0190	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0191	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0192	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	1	14	
BLRI0198	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0225	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/26/76-02/11/81	4	10	
BLRI0269	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/26/76-03/10/78	1	3	
BLRI0333	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0335	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/21/73-01/29/75	1	6	
BLRI0336	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/21/73-01/29/75	1	6	
BLRI0198	No	01041	COPPER, SUSPENDED (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0225	No	01041	COPPER, SUSPENDED (UG/L AS CU)	07/26/76-02/11/81	4	10	
BLRI0269	No	01041	COPPER, SUSPENDED (UG/L AS CU)	07/26/76-03/10/78	1	3	
BLRI0333	No	01041	COPPER, SUSPENDED (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0001	No	01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	0	1	
BLRI0004	No	01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/23/72	0	1	
BLRI0005	No	01042	COPPER, TOTAL (UG/L AS CU)	04/08/70-08/29/78	8	23	
BLRI0010	No	01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/23/72	0	1	
BLRI0014	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/74-07/14/82	7	8	
BLRI0030	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/89-08/15/94	5	4	
BLRI0038	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	22	28	
BLRI0039	No	01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	0	2	
BLRI0041	No	01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	0	2	
BLRI0042	No	01042	COPPER, TOTAL (UG/L AS CU)	09/22/88-06/01/94	5	6	
BLRI0043	No	01042	COPPER, TOTAL (UG/L AS CU)	12/09/74-06/18/79	4	11	
BLRI0048	No	01042	COPPER, TOTAL (UG/L AS CU)	09/22/88-06/01/94	5	6	
BLRI0049	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-12/02/78	8	28	
BLRI0050	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/09/74-06/18/79	4	10	
BLRI0052	No	01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	0	2	
BLRI0055	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	22	36	
BLRI0058	No	01042	COPPER, TOTAL (UG/L AS CU)	01/08/75-08/01/78	3	7	
BLRI0061	No	01042	COPPER, TOTAL (UG/L AS CU)	07/20/82-07/20/82	0	1	
BLRI0069	No	01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	0	2	
BLRI0070	No	01042	COPPER, TOTAL (UG/L AS CU)	04/23/70-08/01/78	8	20	
BLRI0071	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/20/82	12	29	
BLRI0085	No	01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-06/11/79	9	24	
BLRI0089	No	01042	COPPER, TOTAL (UG/L AS CU)	09/18/73-09/20/73	0	2	
BLRI0090	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-06/07/79	9	26	
BLRI0094	No	01042	COPPER, TOTAL (UG/L AS CU)	05/02/79-05/02/79	0	1	
BLRI0095	No	01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-07/28/92	20	23	
BLRI0097	No	01042	COPPER, TOTAL (UG/L AS CU)	04/25/83-10/04/94	11	50	
BLRI0098	No	01042	COPPER, TOTAL (UG/L AS CU)	07/13/95-07/13/95	0	2	
BLRI0099	No	01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-10/04/94	23	58	
BLRI0100	No	01042	COPPER, TOTAL (UG/L AS CU)	09/17/74-06/15/76	1	3	
BLRI0102	No	01042	COPPER, TOTAL (UG/L AS CU)	04/17/81-09/09/87	6	17	
BLRI0104	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/17/70-05/18/83	13	26	
BLRI0109	No	01042	COPPER, TOTAL (UG/L AS CU)	12/30/74-06/07/79	4	10	
BLRI0110	No	01042	COPPER, TOTAL (UG/L AS CU)	07/27/82-09/29/92	10	17	
BLRI0111	No	01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	22	52	
BLRI0112	No	01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	22	41	
BLRI0113	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/82-09/29/92	10	18	
BLRI0116	No	01042	COPPER, TOTAL (UG/L AS CU)	05/22/89-08/27/92	3	2	
BLRI0117	No	01042	COPPER, TOTAL (UG/L AS CU)	06/09/82-05/24/83	0	54	
BLRI0121	No	01042	COPPER, TOTAL (UG/L AS CU)	02/03/72-02/03/72	0	1	
BLRI0133	No	01042	COPPER, TOTAL (UG/L AS CU)	08/10/93-08/10/93	0	2	
BLRI0134	No	01042	COPPER, TOTAL (UG/L AS CU)	10/02/74-01/28/81	6	24	
BLRI0135	No	01042	COPPER, TOTAL (UG/L AS CU)	07/18/73-01/28/81	7	16	
BLRI0136	No	01042	COPPER, TOTAL (UG/L AS CU)	04/23/81-12/19/94	13	57	
BLRI0140	No	01042	COPPER, TOTAL (UG/L AS CU)	09/15/71-07/17/73	1	2	
BLRI0141	No	01042	COPPER, TOTAL (UG/L AS CU)	04/01/80-04/01/80	0	1	
BLRI0142	No	01042	COPPER, TOTAL (UG/L AS CU)	09/15/71-07/17/73	1	2	
BLRI0143	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	
BLRI0144	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	
BLRI0145	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0146	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	
BLRI0148	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	
BLRI0149	No	01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	0	1	
BLRI0157	No	01042	COPPER, TOTAL (UG/L AS CU)	08/08/85-12/20/94	9	48	
BLRI0158	No	01042	COPPER, TOTAL (UG/L AS CU)	05/13/74-03/30/81	6	19	
BLRI0161	No	01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	15	99	
BLRI0163	No	01042	COPPER, TOTAL (UG/L AS CU)	05/15/86-06/11/91	5	28	
BLRI0164	No	01042	COPPER, TOTAL (UG/L AS CU)	01/19/87-01/20/88	1	9	
BLRI0165	No	01042	COPPER, TOTAL (UG/L AS CU)	04/08/74-03/30/81	6	9	
BLRI0181	No	01042	COPPER, TOTAL (UG/L AS CU)	01/10/68-08/11/75	7	8	
BLRI0186	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-12/14/81	4	15	
BLRI0187	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	6	41	
BLRI0188	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	6	41	
BLRI0189	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	6	41	
BLRI0190	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-12/14/81	4	15	
BLRI0191	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	6	41	
BLRI0192	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	6	41	
BLRI0194	No	01042	COPPER, TOTAL (UG/L AS CU)	01/10/68-08/01/68	0	6	
BLRI0196	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/81-12/15/94	13	80	
BLRI0198	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0202	No	01042	COPPER, TOTAL (UG/L AS CU)	05/30/85-12/15/94	9	54	
BLRI0215	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/27/92	1	2	
BLRI0217	No	01042	COPPER, TOTAL (UG/L AS CU)	06/12/73-07/25/74	1	3	
BLRI0223	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/27/92	1	2	
BLRI0224	No	01042	COPPER, TOTAL (UG/L AS CU)	05/30/86-12/13/94	8	65	
BLRI0225	No	01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-01/21/88	11	20	
BLRI0232	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/31/90	0	1	
BLRI0233	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	0	5	
BLRI0238	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	1	2	
BLRI0239	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	0	5	
BLRI0240	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	1	2	
BLRI0243	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	0	6	
BLRI0244	No	01042	COPPER, TOTAL (UG/L AS CU)	04/10/74-04/25/74	0	4	
BLRI0245	No	01042	COPPER, TOTAL (UG/L AS CU)	11/19/75-11/16/76	0	5	
BLRI0248	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	1	2	
BLRI0249	No	01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	9	64	
BLRI0251	No	01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	9	62	
BLRI0252	No	01042	COPPER, TOTAL (UG/L AS CU)	11/19/75-11/16/76	0	5	
BLRI0264	No	01042	COPPER, TOTAL (UG/L AS CU)	08/10/72-08/10/72	0	1	
BLRI0266	No	01042	COPPER, TOTAL (UG/L AS CU)	05/06/68-11/16/76	8	14	
BLRI0269	No	01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-03/10/78	1	3	
BLRI0292	No	01042	COPPER, TOTAL (UG/L AS CU)	04/29/67-04/29/67	0	1	
BLRI0295	No	01042	COPPER, TOTAL (UG/L AS CU)	05/02/74-05/05/75	1	3	
BLRI0301	No	01042	COPPER, TOTAL (UG/L AS CU)	10/24/91-10/17/94	2	36	
BLRI0311	No	01042	COPPER, TOTAL (UG/L AS CU)	05/16/68-11/04/71	3	16	
BLRI0314	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/90-08/03/92	2	2	
BLRI0320	No	01042	COPPER, TOTAL (UG/L AS CU)	04/30/67-04/30/67	0	1	
BLRI0321	No	01042	COPPER, TOTAL (UG/L AS CU)	04/30/67-04/30/67	0	1	
BLRI0322	No	01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	0	1	
BLRI0325	No	01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	0	1	
BLRI0326	No	01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	0	1	
BLRI0333	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/77-03/10/78	0	2	
BLRI0334	No	01042	COPPER, TOTAL (UG/L AS CU)	05/21/68-07/21/68	0	2	
BLRI0014	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/12/83-06/28/94	10	6	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0098	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/28/80-04/10/95	15	11	
BLRI0112	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/12/76-04/10/95	18	11	
BLRI0113	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/81-11/30/84	3	4	
BLRI0163	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/30/86-09/30/86	0	4	
BLRI0249	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0225	No	01044	IRON, SUSPENDED (UG/L AS FE)	11/02/79-02/11/81	1	7	
BLRI0004	No	01045	IRON, TOTAL (UG/L AS FE)	05/23/72-04/17/73	0	3	
BLRI0005	No	01045	IRON, TOTAL (UG/L AS FE)	11/19/70-08/29/78	7	3	
BLRI0010	No	01045	IRON, TOTAL (UG/L AS FE)	05/23/72-04/16/73	0	3	
BLRI0014	No	01045	IRON, TOTAL (UG/L AS FE)	08/29/78-08/29/78	0	1	
BLRI0030	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/89-08/15/94	5	5	
BLRI0038	No	01045	IRON, TOTAL (UG/L AS FE)	11/24/70-07/21/92	21	7	
BLRI0039	No	01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	0	2	
BLRI0041	No	01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	0	2	
BLRI0042	No	01045	IRON, TOTAL (UG/L AS FE)	09/22/88-06/01/94	5	6	
BLRI0043	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/79-06/18/79	0	2	
BLRI0048	No	01045	IRON, TOTAL (UG/L AS FE)	09/22/88-06/01/94	5	6	
BLRI0049	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/70-12/02/78	8	4	
BLRI0050	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/25/79-06/18/79	0	2	
BLRI0052	No	01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	0	2	
BLRI0055	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/70-07/21/92	21	7	
BLRI0069	No	01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	0	2	
BLRI0070	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/70-04/19/71	0	3	
BLRI0071	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/70-12/02/78	8	4	
BLRI0073	No	01045	IRON, TOTAL (UG/L AS FE)	09/20/56-09/20/56	0	1	
BLRI0078	No	01045	IRON, TOTAL (UG/L AS FE)	08/06/91-08/06/91	0	2	
BLRI0085	No	01045	IRON, TOTAL (UG/L AS FE)	11/01/70-06/11/79	8	5	
BLRI0089	No	01045	IRON, TOTAL (UG/L AS FE)	09/18/73-09/20/73	0	2	
BLRI0090	No	01045	IRON, TOTAL (UG/L AS FE)	11/24/70-06/07/79	8	4	
BLRI0095	No	01045	IRON, TOTAL (UG/L AS FE)	08/10/87-07/28/92	4	8	
BLRI0097	No	01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	11	48	
BLRI0098	No	01045	IRON, TOTAL (UG/L AS FE)	07/13/95-07/13/95	0	2	
BLRI0099	No	01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	11	50	
BLRI0104	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/01/70-12/01/71	1	3	
BLRI0109	No	01045	IRON, TOTAL (UG/L AS FE)	01/30/79-06/07/79	0	2	
BLRI0110	No	01045	IRON, TOTAL (UG/L AS FE)	11/17/88-09/29/92	3	6	
BLRI0111	No	01045	IRON, TOTAL (UG/L AS FE)	03/16/70-07/28/92	22	12	
BLRI0112	No	01045	IRON, TOTAL (UG/L AS FE)	11/01/70-07/28/92	21	11	
BLRI0113	No	01045	IRON, TOTAL (UG/L AS FE)	11/17/88-09/29/92	3	6	
BLRI0116	No	01045	IRON, TOTAL (UG/L AS FE)	08/27/92-08/27/92	0	1	
BLRI0120	No	01045	IRON, TOTAL (UG/L AS FE)	05/02/72-05/04/72	0	3	
BLRI0121	No	01045	IRON, TOTAL (UG/L AS FE)	02/03/72-05/04/72	0	4	
BLRI0133	No	01045	IRON, TOTAL (UG/L AS FE)	08/10/93-08/10/93	0	2	
BLRI0134	No	01045	IRON, TOTAL (UG/L AS FE)	10/02/74-01/28/81	6	24	
BLRI0135	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/73-01/28/81	7	16	
BLRI0136	No	01045	IRON, TOTAL (UG/L AS FE)	04/23/81-12/19/94	13	10	
BLRI0137	No	01045	IRON, TOTAL (UG/L AS FE)	05/12/55-07/24/62	7	8	
BLRI0140	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0142	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0144	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0145	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0146	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0148	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0149	No	01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	0	1	
BLRI0157	No	01045	IRON, TOTAL (UG/L AS FE)	03/30/89-12/20/94	5	20	
BLRI0158	No	01045	IRON, TOTAL (UG/L AS FE)	05/13/74-03/30/81	6	19	
BLRI0161	No	01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	15	66	
BLRI0163	No	01045	IRON, TOTAL (UG/L AS FE)	05/15/86-12/28/89	3	33	
BLRI0164	No	01045	IRON, TOTAL (UG/L AS FE)	01/19/87-01/20/88	1	9	
BLRI0165	No	01045	IRON, TOTAL (UG/L AS FE)	04/08/74-03/30/81	6	9	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0179	No	01045	IRON, TOTAL (UG/L AS FE)	10/23/56-10/10/57	0	3	
BLRI0181	No	01045	IRON, TOTAL (UG/L AS FE)	01/10/68-09/08/75	7	14	
BLRI0186	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-12/14/81	4	15	
BLRI0187	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	6	41	
BLRI0188	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	6	41	
BLRI0189	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	6	41	
BLRI0190	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-12/14/81	4	15	
BLRI0191	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	6	41	
BLRI0192	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	6	41	
BLRI0194	No	01045	IRON, TOTAL (UG/L AS FE)	01/10/68-08/01/68	0	6	
BLRI0195	No	01045	IRON, TOTAL (UG/L AS FE)	10/10/57-04/19/62	4	8	
BLRI0196	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/81-12/15/94	13	40	
BLRI0198	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/77-03/10/78	0	2	
BLRI0202	No	01045	IRON, TOTAL (UG/L AS FE)	12/29/88-12/15/94	5	37	
BLRI0215	No	01045	IRON, TOTAL (UG/L AS FE)	07/31/90-07/27/92	1	2	
BLRI0220	No	01045	IRON, TOTAL (UG/L AS FE)	11/06/57-04/04/58	0	2	
BLRI0223	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/92-07/27/92	0	1	
BLRI0224	No	01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	8	70	
BLRI0225	No	01045	IRON, TOTAL (UG/L AS FE)	11/02/56-01/21/88	31	31	S
BLRI0232	No	01045	IRON, TOTAL (UG/L AS FE)	07/31/90-07/31/90	0	1	
BLRI0238	No	01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	0	1	
BLRI0240	No	01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	0	1	
BLRI0245	No	01045	IRON, TOTAL (UG/L AS FE)	10/20/75-12/28/76	1	16	
BLRI0246	No	01045	IRON, TOTAL (UG/L AS FE)	11/06/57-05/04/62	4	8	
BLRI0248	No	01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	0	1	
BLRI0249	No	01045	IRON, TOTAL (UG/L AS FE)	09/25/91-12/12/94	3	36	
BLRI0251	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/91-12/12/94	3	36	
BLRI0252	No	01045	IRON, TOTAL (UG/L AS FE)	10/21/75-12/28/76	1	16	
BLRI0262	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/16/71-09/03/71	0	3	
BLRI0263	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/56-09/14/62	5	50	
BLRI0266	No	01045	IRON, TOTAL (UG/L AS FE)	05/06/68-08/06/80	12	24	
BLRI0269	No	01045	IRON, TOTAL (UG/L AS FE)	07/26/76-03/10/78	1	3	
BLRI0278	No	01045	IRON, TOTAL (UG/L AS FE)	07/19/76-09/09/76	0	12	
BLRI0279	No	01045	IRON, TOTAL (UG/L AS FE)	07/19/76-09/09/76	0	12	
BLRI0280	No	01045	IRON, TOTAL (UG/L AS FE)	07/19/76-03/26/79	2	30	
BLRI0290	No	01045	IRON, TOTAL (UG/L AS FE)	07/30/76-03/26/79	2	21	
BLRI0292	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/67-10/23/68	1	14	
BLRI0295	No	01045	IRON, TOTAL (UG/L AS FE)	05/02/74-05/05/75	1	3	
BLRI0296	No	01045	IRON, TOTAL (UG/L AS FE)	07/30/76-03/26/79	2	21	
BLRI0298	No	01045	IRON, TOTAL (UG/L AS FE)	06/02/72-03/26/79	6	20	
BLRI0301	No	01045	IRON, TOTAL (UG/L AS FE)	10/24/91-10/17/94	2	36	
BLRI0312	No	01045	IRON, TOTAL (UG/L AS FE)	09/10/54-05/04/61	6	9	
BLRI0313	No	01045	IRON, TOTAL (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0314	No	01045	IRON, TOTAL (UG/L AS FE)	08/03/92-08/03/92	0	1	
BLRI0317	No	01045	IRON, TOTAL (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0320	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/67-05/27/67	0	8	
BLRI0321	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/67-03/24/69	2	17	
BLRI0322	No	01045	IRON, TOTAL (UG/L AS FE)	03/26/82-03/26/82	0	1	
BLRI0325	No	01045	IRON, TOTAL (UG/L AS FE)	11/12/81-03/26/82	0	3	
BLRI0326	No	01045	IRON, TOTAL (UG/L AS FE)	03/26/82-03/26/82	0	1	
BLRI0328	No	01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	0	9	
BLRI0331	No	01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0333	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/77-03/10/78	0	2	
BLRI0334	No	01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0012	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	4	2	
BLRI0015	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/05/68-05/21/69	1	2	
BLRI0016	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/20/79-07/20/79	0	1	
BLRI0053	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/14/68-10/14/68	0	1	
BLRI0073	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/27/74-07/19/79	4	2	
BLRI0091	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	17	337	
BLRI0096	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/18/70-12/27/73	3	7	
BLRI0106	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/18/69-02/18/69	0	1	
BLRI0119	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	4	2	
BLRI0121	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/03/72-02/03/72	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0126	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/79-07/25/79	0	1	
BLRI0137	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/68-02/21/73	4	15	
BLRI0179	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/30/68-03/27/73	4	8	
BLRI0181	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/10/68-09/08/75	7	15	
BLRI0186	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	13	
BLRI0187	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0188	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0189	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0190	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0191	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0192	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	1	14	
BLRI0194	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/10/68-08/01/68	0	6	
BLRI0198	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/77-03/10/78	0	2	
BLRI0201	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	0	1	
BLRI0203	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-09/29/86	0	1	
BLRI0204	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-11/20/86	0	5	
BLRI0205	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-09/29/86	0	1	
BLRI0206	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-11/20/86	0	6	
BLRI0207	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	0	1	
BLRI0208	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	0	1	
BLRI0225	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/76-02/11/81	4	10	
BLRI0245	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-12/28/76	1	16	
BLRI0246	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/10/69-10/05/70	0	4	
BLRI0252	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-12/28/76	1	16	
BLRI0262	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/16/70-03/24/71	0	3	
BLRI0263	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/11/72-07/18/72	0	2	
BLRI0266	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/06/68-12/28/76	8	23	
BLRI0269	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/76-03/10/78	1	3	
BLRI0292	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-10/23/68	0	5	
BLRI0313	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0317	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0321	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/02/68-02/19/69	0	7	
BLRI0328	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	0	9	
BLRI0331	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	0	7	
BLRI0333	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/77-03/10/78	0	2	
BLRI0334	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0181	No	01047	IRON, FERROUS (UG/L AS FE)	01/10/68-07/31/68	0	6	
BLRI0194	No	01047	IRON, FERROUS (UG/L AS FE)	01/10/68-06/25/68	0	5	
BLRI0266	No	01047	IRON, FERROUS (UG/L AS FE)	05/06/68-06/24/68	0	3	
BLRI0292	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/67-10/23/68	1	14	
BLRI0313	No	01047	IRON, FERROUS (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0317	No	01047	IRON, FERROUS (UG/L AS FE)	05/01/68-03/24/69	0	8	
BLRI0320	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/67-05/27/67	0	8	
BLRI0321	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/67-03/24/69	2	17	
BLRI0328	No	01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0331	No	01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0334	No	01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	0	8	
BLRI0283	No	01048	IRON, FERRIC & FERROUS-DISS (UG/L)	01/20/70-03/11/72	2	9	
BLRI0290	No	01048	IRON, FERRIC & FERROUS-DISS (UG/L)	03/16/76-05/25/76	0	3	
BLRI0296	No	01048	IRON, FERRIC & FERROUS-DISS (UG/L)	03/16/76-05/24/76	0	3	
BLRI0298	No	01048	IRON, FERRIC & FERROUS-DISS (UG/L)	05/21/70-05/24/76	6	12	
BLRI0013	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/20/79-07/20/79	0	1	
BLRI0073	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/23/79-07/23/79	0	1	
BLRI0096	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/18/70-12/27/73	3	7	
BLRI0126	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/25/79-07/25/79	0	1	
BLRI0198	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0218	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/09/70-10/09/70	0	1	
BLRI0225	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/26/76-02/11/81	4	10	
BLRI0269	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/26/76-03/10/78	1	3	
BLRI0333	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0335	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/21/73-01/29/75	1	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0336	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/21/73-01/29/75	1	3	
BLRI0198	No	01050	LEAD, SUSPENDED (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0225	No	01050	LEAD, SUSPENDED (UG/L AS PB)	07/26/76-02/11/81	4	10	
BLRI0269	No	01050	LEAD, SUSPENDED (UG/L AS PB)	07/26/76-03/10/78	1	3	
BLRI0333	No	01050	LEAD, SUSPENDED (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0001	No	01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	0	1	
BLRI0004	No	01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/23/72	0	1	
BLRI0005	No	01051	LEAD, TOTAL (UG/L AS PB)	11/19/70-08/29/78	7	20	
BLRI0010	No	01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/23/72	0	1	
BLRI0014	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/74-07/14/82	7	8	
BLRI0030	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/89-08/15/94	5	4	
BLRI0038	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	21	25	
BLRI0042	No	01051	LEAD, TOTAL (UG/L AS PB)	09/22/88-06/01/94	5	6	
BLRI0043	No	01051	LEAD, TOTAL (UG/L AS PB)	12/09/74-06/18/79	4	10	
BLRI0048	No	01051	LEAD, TOTAL (UG/L AS PB)	09/22/88-06/01/94	5	6	
BLRI0049	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-12/02/78	8	27	
BLRI0050	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/09/74-06/18/79	4	10	
BLRI0055	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	21	34	
BLRI0058	No	01051	LEAD, TOTAL (UG/L AS PB)	01/08/75-08/01/78	3	7	
BLRI0061	No	01051	LEAD, TOTAL (UG/L AS PB)	07/20/82-07/20/82	0	1	
BLRI0070	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-08/01/78	8	19	
BLRI0071	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/20/82	11	27	
BLRI0085	No	01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-06/11/79	8	24	
BLRI0090	No	01051	LEAD, TOTAL (UG/L AS PB)	11/24/70-06/07/79	8	24	
BLRI0094	No	01051	LEAD, TOTAL (UG/L AS PB)	05/02/79-05/02/79	0	1	
BLRI0095	No	01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-07/28/92	20	24	
BLRI0097	No	01051	LEAD, TOTAL (UG/L AS PB)	04/25/83-10/04/94	11	49	
BLRI0098	No	01051	LEAD, TOTAL (UG/L AS PB)	07/13/95-07/13/95	0	2	
BLRI0099	No	01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-10/04/94	23	59	
BLRI0100	No	01051	LEAD, TOTAL (UG/L AS PB)	09/17/74-06/15/76	1	3	
BLRI0102	No	01051	LEAD, TOTAL (UG/L AS PB)	04/17/81-09/09/87	6	18	
BLRI0104	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-05/18/83	12	24	
BLRI0109	No	01051	LEAD, TOTAL (UG/L AS PB)	12/30/74-06/07/79	4	10	
BLRI0110	No	01051	LEAD, TOTAL (UG/L AS PB)	06/30/82-09/29/92	10	18	
BLRI0111	No	01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	21	50	
BLRI0112	No	01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	21	39	
BLRI0113	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/82-09/29/92	10	18	
BLRI0116	No	01051	LEAD, TOTAL (UG/L AS PB)	05/22/89-08/27/92	3	2	
BLRI0117	No	01051	LEAD, TOTAL (UG/L AS PB)	06/09/82-05/24/83	0	54	
BLRI0133	No	01051	LEAD, TOTAL (UG/L AS PB)	08/10/93-08/10/93	0	2	
BLRI0134	No	01051	LEAD, TOTAL (UG/L AS PB)	10/02/74-01/28/81	6	24	
BLRI0135	No	01051	LEAD, TOTAL (UG/L AS PB)	07/18/73-01/28/81	7	16	
BLRI0136	No	01051	LEAD, TOTAL (UG/L AS PB)	04/23/81-12/19/94	13	57	
BLRI0137	No	01051	LEAD, TOTAL (UG/L AS PB)	06/30/71-06/30/71	0	1	
BLRI0140	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	0	1	
BLRI0141	No	01051	LEAD, TOTAL (UG/L AS PB)	04/01/80-04/01/80	0	1	
BLRI0142	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	0	1	
BLRI0144	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	0	1	
BLRI0145	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	0	1	
BLRI0157	No	01051	LEAD, TOTAL (UG/L AS PB)	08/08/85-12/20/94	9	48	
BLRI0158	No	01051	LEAD, TOTAL (UG/L AS PB)	05/13/74-03/30/81	6	18	
BLRI0161	No	01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	15	99	
BLRI0163	No	01051	LEAD, TOTAL (UG/L AS PB)	05/15/86-06/11/91	5	28	
BLRI0164	No	01051	LEAD, TOTAL (UG/L AS PB)	01/19/87-01/20/88	1	9	
BLRI0165	No	01051	LEAD, TOTAL (UG/L AS PB)	04/08/74-03/30/81	6	9	
BLRI0181	No	01051	LEAD, TOTAL (UG/L AS PB)	02/10/75-08/11/75	0	3	
BLRI0186	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0187	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0188	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0189	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0190	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0191	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0192	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	4	14	
BLRI0196	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/81-12/15/94	13	80	
BLRI0198	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0202	No	01051	LEAD, TOTAL (UG/L AS PB)	05/30/85-12/15/94	9	54	
BLRI0215	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/27/92	1	2	
BLRI0217	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/25/74	1	2	
BLRI0223	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/27/92	1	2	
BLRI0224	No	01051	LEAD, TOTAL (UG/L AS PB)	05/30/86-12/13/94	8	64	
BLRI0225	No	01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-01/21/88	11	20	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0232	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/31/90	0	1	
BLRI0233	No	01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	0	5	
BLRI0235	No	01051	LEAD, TOTAL (UG/L AS PB)	11/10/87-11/10/87	0	2	
BLRI0238	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	1	2	
BLRI0239	No	01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	0	5	
BLRI0240	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	1	2	
BLRI0243	No	01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	0	6	
BLRI0244	No	01051	LEAD, TOTAL (UG/L AS PB)	04/10/74-04/25/74	0	4	
BLRI0245	No	01051	LEAD, TOTAL (UG/L AS PB)	11/19/75-11/16/76	0	5	
BLRI0248	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	1	2	
BLRI0249	No	01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	9	64	
BLRI0251	No	01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	9	62	
BLRI0252	No	01051	LEAD, TOTAL (UG/L AS PB)	11/19/75-11/16/76	0	5	
BLRI0266	No	01051	LEAD, TOTAL (UG/L AS PB)	08/18/75-11/16/76	1	7	
BLRI0269	No	01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-03/10/78	1	3	
BLRI0295	No	01051	LEAD, TOTAL (UG/L AS PB)	05/02/74-05/05/75	1	3	
BLRI0301	No	01051	LEAD, TOTAL (UG/L AS PB)	10/24/91-10/17/94	2	36	
BLRI0314	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/90-08/03/92	2	2	
BLRI0333	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/77-03/10/78	0	2	
BLRI0014	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0099	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/28/80-04/10/95	15	11	
BLRI0112	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/76-04/10/95	18	11	
BLRI0113	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/81-11/30/84	3	4	
BLRI0163	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0030	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0042	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/89-06/19/95	6	3	
BLRI0048	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/89-06/19/95	6	3	
BLRI0055	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0085	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/15/95-05/15/95	0	1	
BLRI0093	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0097	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/23/89-08/27/90	1	2	
BLRI0099	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/27/90-08/27/90	0	1	
BLRI0102	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0107	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-05/01/90	0	2	
BLRI0111	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-04/10/95	5	3	
BLRI0112	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0113	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-05/01/90	0	2	
BLRI0141	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0225	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/02/79-11/02/79	0	1	
BLRI0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/23/72	0	1	
BLRI0005	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/70-04/18/71	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0010	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/23/72	0	1	
BLRI0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/17/89-08/15/94	5	5	
BLRI0038	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-07/21/92	22	8	
BLRI0039	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	0	2	
BLRI0041	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	0	2	
BLRI0042	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/88-06/01/94	5	6	
BLRI0043	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/25/79-06/18/79	0	2	
BLRI0048	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/88-06/01/94	5	6	
BLRI0049	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-12/02/78	8	4	
BLRI0050	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	01/25/79-06/18/79	0	2	
BLRI0052	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	0	2	
BLRI0055	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-07/21/92	22	7	
BLRI0069	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	0	2	
BLRI0070	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/70-04/19/71	0	2	
BLRI0071	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-12/02/78	8	4	
BLRI0078	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/06/91-08/06/91	0	2	
BLRI0085	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-06/11/79	9	5	
BLRI0089	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/18/73-09/20/73	0	2	
BLRI0090	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-06/07/79	9	5	
BLRI0095	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/10/87-07/28/92	4	8	
BLRI0096	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/25/72-12/27/73	1	4	
BLRI0097	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	11	49	
BLRI0098	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/13/95-07/13/95	0	2	
BLRI0099	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	11	50	
BLRI0104	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-12/01/71	1	3	
BLRI0109	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/30/79-06/07/79	0	2	
BLRI0110	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/88-09/29/92	3	6	
BLRI0111	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/70-07/28/92	22	10	
BLRI0112	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-07/28/92	22	11	
BLRI0113	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/88-09/29/92	3	6	
BLRI0116	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/89-08/27/92	3	2	
BLRI0133	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/10/93-08/10/93	0	2	
BLRI0134	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/74-01/28/81	6	24	
BLRI0135	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/77-01/28/81	4	14	
BLRI0136	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/81-12/19/94	13	11	
BLRI0141	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/80-04/01/80	0	1	
BLRI0157	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/89-09/13/94	5	6	
BLRI0158	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/74-03/30/81	6	18	
BLRI0161	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/19/79-08/30/94	15	47	
BLRI0163	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/27/86-12/28/89	3	36	
BLRI0164	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/19/87-01/20/88	1	9	
BLRI0165	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/74-03/30/81	6	9	
BLRI0181	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/10/68-09/08/75	7	15	
BLRI0186	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-12/14/81	4	15	
BLRI0187	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	6	41	
BLRI0188	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	6	41	
BLRI0189	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	6	41	
BLRI0190	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-12/14/81	4	15	
BLRI0191	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	6	41	
BLRI0192	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	6	41	
BLRI0194	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/10/68-08/01/68	0	6	
BLRI0196	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/81-08/30/93	12	16	
BLRI0202	No	01055	MANGANESE, TOTAL (UG/L AS MN)	12/29/88-08/30/93	4	14	
BLRI0215	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/90-07/27/92	1	2	
BLRI0223	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/27/92-07/27/92	0	1	
BLRI0224	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	8	76	
BLRI0225	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/02/79-01/21/88	8	13	
BLRI0232	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/90-07/31/90	0	1	
BLRI0238	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	0	1	
BLRI0240	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	0	1	
BLRI0245	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/20/75-12/28/76	1	16	
BLRI0248	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	0	1	
BLRI0249	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/25/91-12/12/94	3	33	
BLRI0251	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/16/91-12/12/94	3	36	
BLRI0252	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/21/75-12/28/76	1	16	
BLRI0266	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/21/75-08/06/80	5	20	
BLRI0292	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-10/23/68	1	13	
BLRI0295	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/02/74-05/05/75	1	3	
BLRI0301	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/24/91-10/06/93	1	23	
BLRI0313	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/68-03/24/69	0	8	
BLRI0314	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/92-08/03/92	0	1	
BLRI0317	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/68-03/24/69	0	8	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0320	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-05/27/67	0	8	
BLRI0321	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-03/24/69	2	17	
BLRI0322	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/26/82-03/26/82	0	1	
BLRI0325	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/81-03/26/82	0	3	
BLRI0326	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/26/82-03/26/82	0	1	
BLRI0328	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	0	9	
BLRI0331	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	0	8	
BLRI0334	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	0	8	
BLRI0002	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/86-04/11/86	0	2	
BLRI0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/86-04/11/86	0	2	
BLRI0033	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/17/86	0	2	
BLRI0034	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-03/31/86	0	1	
BLRI0036	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/17/86	0	2	
BLRI0037	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/15/86	0	2	
BLRI0073	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/56-09/20/56	0	1	
BLRI0096	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/18/70-05/22/72	2	3	
BLRI0129	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/13/71-10/13/71	0	1	
BLRI0147	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/86-05/07/86	0	1	
BLRI0160	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/86-05/07/86	0	1	
BLRI0181	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/10/68-09/08/75	7	15	
BLRI0182	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/20/85-07/10/85	0	4	
BLRI0186	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0187	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0188	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0189	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0190	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0191	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0192	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	1	14	
BLRI0193	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/85-07/10/85	0	1	
BLRI0194	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/14/68-08/01/68	0	4	
BLRI0197	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/16/85-07/16/85	0	1	
BLRI0201	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	0	1	
BLRI0203	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-09/29/86	0	1	
BLRI0204	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-11/20/86	0	5	
BLRI0205	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-09/29/86	0	1	
BLRI0206	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-11/20/86	0	6	
BLRI0207	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	0	1	
BLRI0208	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	0	1	
BLRI0212	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	0	1	
BLRI0225	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/02/79-09/06/87	7	2	
BLRI0229	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/85-07/02/85	0	2	
BLRI0245	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-12/28/76	1	16	
BLRI0252	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-12/28/76	1	16	
BLRI0258	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	0	1	
BLRI0266	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/75-12/28/76	1	19	
BLRI0288	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/85-06/30/85	0	2	
BLRI0292	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-10/23/68	0	5	
BLRI0293	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/85-06/30/85	0	2	
BLRI0300	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/26/85-07/15/85	0	4	
BLRI0302	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/85-07/15/85	0	1	
BLRI0304	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/84-11/25/84	0	1	
BLRI0313	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-03/24/69	0	8	
BLRI0317	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-03/24/69	0	8	
BLRI0318	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/26/85-07/09/85	0	4	
BLRI0319	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/85-07/09/85	0	1	
BLRI0321	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/02/68-02/19/69	0	6	
BLRI0324	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/22/85-07/16/85	0	2	
BLRI0327	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/85-07/16/85	0	4	
BLRI0328	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	0	9	
BLRI0331	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	0	8	
BLRI0334	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	0	6	
BLRI0001	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/01/79-05/01/79	0	1	
BLRI0038	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/16/84-05/16/84	0	1	
BLRI0042	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/92-09/10/92	0	1	
BLRI0048	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/92-09/10/92	0	1	
BLRI0055	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/16/84-07/21/92	8	2	
BLRI0094	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/02/79-05/02/79	0	1	
BLRI0095	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	8	2	
BLRI0097	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/16/88-08/16/88	0	1	
BLRI0099	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/16/88-08/16/88	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0102	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-05/08/84	0	1	
BLRI0110	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/29/92-09/29/92	0	1	
BLRI0111	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	8	3	
BLRI0112	No	01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	8	2	
BLRI0113	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/29/92-09/29/92	0	1	
BLRI0116	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/27/92-08/27/92	0	1	
BLRI0141	No	01059	THALLIUM, TOTAL (UG/L AS TL)	04/01/80-04/01/80	0	1	
BLRI0141	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/01/80-04/01/80	0	1	
BLRI0141	No	01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0005	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/25/73-08/29/78	5	13	
BLRI0014	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/74-08/29/78	3	6	
BLRI0038	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-03/27/74	1	3	
BLRI0043	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/74-06/18/79	4	11	
BLRI0049	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-12/02/78	5	14	
BLRI0050	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/74-06/18/79	4	10	
BLRI0055	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-06/27/78	5	10	
BLRI0058	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/08/75-08/01/78	3	6	
BLRI0070	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/21/73-08/01/78	5	8	
BLRI0071	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-12/02/78	5	14	
BLRI0085	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/11/79	6	13	
BLRI0090	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/01/73-06/07/79	6	14	
BLRI0095	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/01/73-06/15/76	2	4	
BLRI0099	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/14/73-06/15/76	2	3	
BLRI0100	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/07/75-06/15/76	1	2	
BLRI0104	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-12/27/73	0	4	
BLRI0109	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/30/74-06/07/79	4	10	
BLRI0111	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/08/79	6	16	
BLRI0112	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/08/79	6	16	
BLRI0129	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/13/71-10/13/71	0	1	
BLRI0335	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/74-09/16/74	0	1	
BLRI0336	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/74-01/29/75	0	2	
BLRI0001	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	0	1	
BLRI0014	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/14/82	0	1	
BLRI0030	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/89-08/15/94	5	4	
BLRI0038	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	11	13	
BLRI0039	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	0	2	
BLRI0041	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	0	2	
BLRI0042	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/22/88-06/01/94	5	6	
BLRI0048	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/22/88-06/01/94	5	6	
BLRI0052	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	0	2	
BLRI0055	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	11	12	
BLRI0061	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/20/82-07/20/82	0	1	
BLRI0069	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	0	2	
BLRI0071	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/20/82-07/20/82	0	1	
BLRI0089	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/18/73-09/20/73	0	2	
BLRI0094	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/02/79-05/02/79	0	1	
BLRI0095	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	11	14	
BLRI0097	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	11	50	
BLRI0098	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/13/95-07/13/95	0	2	
BLRI0099	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	11	50	
BLRI0102	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-09/09/87	6	18	
BLRI0104	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/30/82-05/18/83	0	12	
BLRI0110	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/30/82-09/29/92	10	17	
BLRI0111	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	11	25	
BLRI0112	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	11	13	
BLRI0113	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/23/82-09/29/92	10	18	
BLRI0116	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/22/89-08/27/92	3	2	
BLRI0117	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/09/82-05/24/83	0	54	
BLRI0133	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/10/93-08/10/93	0	2	
BLRI0134	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/02/74-01/28/81	6	6	
BLRI0135	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/18/77-01/28/81	3	3	
BLRI0136	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/07/82-12/19/94	12	54	
BLRI0140	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/15/71-07/17/73	1	2	
BLRI0141	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/01/80-04/01/80	0	1	
BLRI0142	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/15/71-07/17/73	1	2	
BLRI0143	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	0	1	
BLRI0144	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	0	1	
BLRI0145	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	0	1	
BLRI0148	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	0	1	
BLRI0149	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	0	1	
BLRI0157	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/08/85-12/20/94	9	48	
BLRI0158	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/25/77-11/28/77	0	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0161	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-12/27/94	14	77	
BLRI0163	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/15/86-06/11/91	5	28	
BLRI0164	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/19/87-01/20/88	1	9	
BLRI0181	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/10/75-08/11/75	0	3	
BLRI0196	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/23/81-12/15/94	13	79	
BLRI0202	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/30/85-12/15/94	9	54	
BLRI0215	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/27/92	1	2	
BLRI0223	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/27/92	1	2	
BLRI0224	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/30/86-12/13/94	8	65	
BLRI0225	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/28/87-01/21/88	0	10	
BLRI0232	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/31/90	0	1	
BLRI0233	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	0	5	
BLRI0238	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	1	2	
BLRI0239	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	0	5	
BLRI0240	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	1	2	
BLRI0243	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	0	6	
BLRI0244	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/10/74-04/25/74	0	4	
BLRI0245	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/19/75-11/16/76	0	5	
BLRI0248	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	1	2	
BLRI0249	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	9	64	
BLRI0251	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	9	62	
BLRI0252	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/19/75-11/16/76	0	5	
BLRI0264	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/10/72-08/10/72	0	1	
BLRI0266	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/18/75-11/16/76	1	7	
BLRI0301	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/24/91-10/17/94	2	36	
BLRI0311	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/23/68-11/04/71	3	3	
BLRI0314	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/90-08/03/92	2	2	
BLRI0322	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	0	1	
BLRI0325	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	0	1	
BLRI0326	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	0	1	
BLRI0335	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/29/68-06/18/70	1	4	
BLRI0336	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/29/68-06/18/70	1	4	
BLRI0014	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/28/80-04/10/95	15	11	
BLRI0112	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/28/80-04/10/95	15	10	
BLRI0113	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/07/82-11/30/84	2	2	
BLRI0163	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0071	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0161	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	02/25/82-07/27/82	0	2	
BLRI0163	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/14/85-10/20/87	2	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0071	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	09/15/80-09/15/80	0	1	
BLRI0335	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/26/71-01/29/75	3	5	
BLRI0336	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/26/71-01/29/75	3	5	
BLRI0001	No	01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	0	1	
BLRI0094	No	01077	SILVER, TOTAL (UG/L AS AG)	05/02/79-05/02/79	0	1	
BLRI0134	No	01077	SILVER, TOTAL (UG/L AS AG)	10/02/74-01/08/75	0	2	
BLRI0141	No	01077	SILVER, TOTAL (UG/L AS AG)	04/01/80-04/01/80	0	1	
BLRI0157	No	01077	SILVER, TOTAL (UG/L AS AG)	12/28/89-12/28/89	0	1	
BLRI0161	No	01077	SILVER, TOTAL (UG/L AS AG)	07/30/92-07/30/92	0	1	
BLRI0163	No	01077	SILVER, TOTAL (UG/L AS AG)	12/28/89-12/28/89	0	1	
BLRI0181	No	01077	SILVER, TOTAL (UG/L AS AG)	02/10/75-08/11/75	0	3	
BLRI0186	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0187	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0188	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0189	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0190	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0191	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0192	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	0	1	
BLRI0224	No	01077	SILVER, TOTAL (UG/L AS AG)	11/30/88-12/02/92	4	3	
BLRI0245	No	01077	SILVER, TOTAL (UG/L AS AG)	11/19/75-11/16/76	0	5	
BLRI0252	No	01077	SILVER, TOTAL (UG/L AS AG)	11/19/75-11/16/76	0	5	
BLRI0266	No	01077	SILVER, TOTAL (UG/L AS AG)	08/18/75-11/16/76	1	7	
BLRI0014	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/01/91-07/01/91	0	1	
BLRI0017	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0030	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/21/92-04/11/95	2	3	
BLRI0042	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/10/92-06/19/95	2	3	
BLRI0048	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/01/94-06/19/95	1	2	
BLRI0055	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/21/92-04/11/95	2	3	
BLRI0056	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0061	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0071	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0085	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0097	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/28/94-06/28/94	0	1	
BLRI0099	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/28/94-06/28/94	0	1	
BLRI0102	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0107	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/28/92-12/14/93	1	2	
BLRI0111	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/28/92-04/10/95	2	3	
BLRI0112	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/28/92-04/10/95	2	3	
BLRI0133	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0179	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/14/73-05/14/73	0	1	
BLRI0141	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	04/01/80-04/01/80	0	1	
BLRI0141	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0141	No	01087	VANADIUM, TOTAL (UG/L AS V)	04/01/80-04/01/80	0	1	
BLRI0107	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0013	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-09/26/74	0	1	
BLRI0020	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/20/79	4	2	
BLRI0073	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/27/74-09/27/74	0	1	
BLRI0084	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/27/74-07/27/74	0	1	
BLRI0087	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/27/74-09/27/74	0	1	
BLRI0096	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/18/70-03/12/73	2	5	
BLRI0119	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-10/10/74	0	1	
BLRI0126	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/25/79	4	2	
BLRI0186	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0187	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0188	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0189	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0190	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0191	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	
BLRI0192	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	1	14	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0198	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/77-03/10/78	0	2	
BLRI0218	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/09/70-10/09/70	0	1	
BLRI0225	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/30/77-02/11/81	3	9	
BLRI0269	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/26/76-03/10/78	1	3	
BLRI0333	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/77-03/10/78	0	2	
BLRI0335	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/68-01/29/75	6	10	
BLRI0336	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/68-01/29/75	6	10	
BLRI0198	No	01091	ZINC, SUSPENDED (UG/L ZN)	10/03/77-03/10/78	0	2	
BLRI0225	No	01091	ZINC, SUSPENDED (UG/L ZN)	03/30/77-02/10/81	3	6	
BLRI0269	No	01091	ZINC, SUSPENDED (UG/L ZN)	03/30/77-03/10/78	0	2	
BLRI0333	No	01091	ZINC, SUSPENDED (UG/L ZN)	10/03/77-03/10/78	0	2	
BLRI0001	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	0	1	
BLRI0004	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/23/72	0	1	
BLRI0005	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/08/70-08/29/78	8	23	
BLRI0010	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/23/72	0	1	
BLRI0014	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/74-07/14/82	7	8	
BLRI0030	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/17/89-08/15/94	5	4	
BLRI0038	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	22	29	
BLRI0039	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	0	2	
BLRI0041	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	0	2	
BLRI0042	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/22/88-06/01/94	5	6	
BLRI0043	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/09/74-06/18/79	4	11	
BLRI0048	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/22/88-06/01/94	5	6	
BLRI0049	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/02/78	8	29	
BLRI0050	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/09/74-06/18/79	4	10	
BLRI0052	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	0	2	
BLRI0055	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	22	37	
BLRI0058	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/08/75-08/01/78	3	7	
BLRI0061	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/20/82-12/10/90	8	2	
BLRI0064	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/10/90-12/10/90	0	1	
BLRI0069	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	0	2	
BLRI0070	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/70-08/01/78	8	20	
BLRI0071	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/10/90	20	31	
BLRI0085	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-06/11/79	9	25	
BLRI0089	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/18/73-09/20/73	0	2	
BLRI0090	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-06/07/79	9	25	
BLRI0094	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/02/79-05/02/79	0	1	
BLRI0095	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-07/28/92	20	23	
BLRI0097	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/25/83-10/04/94	11	50	
BLRI0098	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/13/95-07/13/95	0	2	
BLRI0099	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-10/04/94	23	59	
BLRI0100	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/17/74-06/15/76	1	3	
BLRI0102	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/17/81-09/09/87	6	18	
BLRI0104	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-05/18/83	13	28	
BLRI0109	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/30/74-06/07/79	4	10	
BLRI0110	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/82-09/29/92	10	18	
BLRI0111	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	22	53	
BLRI0112	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	22	40	
BLRI0113	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/82-09/29/92	10	18	
BLRI0116	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/22/89-08/27/92	3	2	
BLRI0117	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/07/82-05/24/83	0	53	
BLRI0120	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/02/72-05/04/72	0	6	
BLRI0121	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/03/72-05/04/72	0	4	
BLRI0133	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/10/93-08/10/93	0	2	
BLRI0134	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/02/74-01/28/81	6	24	
BLRI0135	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/27/77-01/28/81	4	15	
BLRI0136	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/81-12/19/94	13	57	
BLRI0137	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/71-06/30/71	0	1	
BLRI0140	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/15/71-09/15/71	0	1	
BLRI0141	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/01/80-04/01/80	0	1	
BLRI0142	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/15/71-09/15/71	0	1	
BLRI0157	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/08/85-12/20/94	9	48	
BLRI0158	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/13/74-03/30/81	6	19	
BLRI0161	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	15	99	
BLRI0163	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/15/86-06/11/91	5	28	
BLRI0164	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/19/87-01/20/88	1	9	
BLRI0165	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/08/74-03/30/81	6	9	
BLRI0181	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/10/68-08/11/75	7	8	
BLRI0186	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0187	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0188	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0189	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0190	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0191	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0192	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	4	15	
BLRI0194	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/10/68-08/01/68	0	6	
BLRI0196	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/81-12/15/94	13	80	
BLRI0198	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/77-03/10/78	0	2	
BLRI0202	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/85-12/15/94	9	55	
BLRI0215	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/27/92	1	2	
BLRI0217	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/12/73-07/25/74	1	3	
BLRI0223	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/27/92	1	2	
BLRI0224	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/86-12/13/94	8	66	
BLRI0225	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/26/76-01/21/88	11	21	
BLRI0232	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/31/90	0	1	
BLRI0233	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	0	5	
BLRI0238	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	1	2	
BLRI0239	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	0	5	
BLRI0240	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	1	2	
BLRI0243	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	0	6	
BLRI0244	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/10/74-04/25/74	0	4	
BLRI0245	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/19/75-11/16/76	0	5	
BLRI0248	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	1	2	
BLRI0249	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	9	64	
BLRI0251	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	9	62	
BLRI0252	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/19/75-11/16/76	0	5	
BLRI0264	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/03/72-07/18/74	1	10	
BLRI0266	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/06/68-08/06/80	12	15	
BLRI0269	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/30/77-03/10/78	0	2	
BLRI0292	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/29/67-04/29/67	0	1	
BLRI0295	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/02/74-05/05/75	1	3	
BLRI0301	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/24/91-10/17/94	2	36	
BLRI0311	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/16/68-08/14/73	5	19	
BLRI0313	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/68-03/24/69	0	6	
BLRI0314	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/90-08/03/92	2	2	
BLRI0317	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/68-03/24/69	0	6	
BLRI0320	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/30/67-04/30/67	0	1	
BLRI0321	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/30/67-04/30/67	0	1	
BLRI0322	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/26/82-03/26/82	0	1	
BLRI0325	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/12/81-03/26/82	0	3	
BLRI0326	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/26/82-03/26/82	0	1	
BLRI0333	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/77-03/10/78	0	2	
BLRI0334	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/21/68-07/21/68	0	2	
BLRI0014	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0019	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/28/80-04/10/95	15	11	
BLRI0112	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/28/80-04/10/95	15	10	
BLRI0113	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0116	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/03/81-11/30/84	3	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0163	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0001	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	05/01/79-05/01/79	0	1	
BLRI0094	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	05/02/79-05/02/79	0	1	
BLRI0141	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/01/80-04/01/80	0	1	
BLRI0224	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/30/86-09/30/86	0	1	
BLRI0030	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0042	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/19/95-06/19/95	0	1	
BLRI0048	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/19/95-06/19/95	0	1	
BLRI0055	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0085	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	05/15/95-05/15/95	0	1	
BLRI0093	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0102	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0111	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0112	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0141	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0141	No	01102	TIN, TOTAL (UG/L AS SN)	04/01/80-04/01/80	0	1	
BLRI0002	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/86-04/11/86	0	2	
BLRI0003	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/86-04/11/86	0	2	
BLRI0033	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/17/86	0	2	
BLRI0034	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-03/31/86	0	1	
BLRI0036	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/17/86	0	2	
BLRI0037	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/15/86	0	2	
BLRI0073	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/20/56-09/20/56	0	1	
BLRI0096	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/18/70-12/27/73	3	7	
BLRI0134	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/07/74-01/08/75	0	2	
BLRI0136	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/16/85-12/19/94	9	13	
BLRI0141	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/80-04/01/80	0	1	
BLRI0147	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/07/86-05/07/86	0	1	
BLRI0157	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-12/20/94	9	28	
BLRI0160	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/07/86-05/07/86	0	1	
BLRI0161	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	12	115	
BLRI0163	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/15/86-08/19/91	5	47	
BLRI0164	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/19/87-01/20/88	1	9	
BLRI0181	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/10/75-08/11/75	0	3	
BLRI0182	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/20/85-07/10/85	0	4	
BLRI0186	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0187	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	3	40	
BLRI0188	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	3	40	
BLRI0189	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	3	40	
BLRI0190	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0191	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	3	40	
BLRI0192	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	3	40	
BLRI0193	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/10/85-07/10/85	0	1	
BLRI0196	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-12/15/94	9	48	
BLRI0197	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/16/85-07/16/85	0	1	
BLRI0202	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	9	84	
BLRI0212	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	0	1	
BLRI0215	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/90-07/27/92	1	2	
BLRI0223	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/27/92-07/27/92	0	1	
BLRI0224	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	8	83	
BLRI0225	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/28/87-01/21/88	0	11	
BLRI0229	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/30/85-07/02/85	0	2	
BLRI0232	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/90-07/31/90	0	1	
BLRI0238	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	0	1	
BLRI0240	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	0	1	
BLRI0245	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/75-11/16/76	0	5	
BLRI0248	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	0	1	
BLRI0249	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/18/85-12/12/94	9	45	
BLRI0251	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-12/12/94	9	45	
BLRI0252	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/75-11/16/76	0	5	
BLRI0258	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	0	1	
BLRI0266	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/18/75-11/16/76	1	7	
BLRI0288	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/85-06/30/85	0	2	
BLRI0293	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/85-06/30/85	0	2	
BLRI0300	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/85-07/15/85	0	4	
BLRI0301	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/24/91-10/17/94	2	36	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0302	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/15/85-07/15/85	0	1	
BLRI0304	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/25/84-11/25/84	0	1	
BLRI0314	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/03/92-08/03/92	0	1	
BLRI0318	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/85-07/09/85	0	4	
BLRI0319	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/85-07/09/85	0	1	
BLRI0322	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/82-03/26/82	0	1	
BLRI0324	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/22/85-07/16/85	0	2	
BLRI0325	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/12/81-03/26/82	0	3	
BLRI0326	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/82-03/26/82	0	1	
BLRI0327	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/85-07/16/85	0	4	
BLRI0150	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	0	1	
BLRI0153	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-11/25/86	4	10	
BLRI0159	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/28/82-05/05/83	0	2	
BLRI0186	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0187	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0188	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0189	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0190	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0191	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0192	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	1	14	
BLRI0201	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	0	1	
BLRI0203	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-09/29/86	0	1	
BLRI0204	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-11/20/86	0	5	
BLRI0205	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-09/29/86	0	1	
BLRI0206	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-11/20/86	0	6	
BLRI0207	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	0	1	
BLRI0208	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	0	1	
BLRI0216	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/03/83-05/03/83	0	1	
BLRI0303	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/21/83-12/03/86	3	11	
BLRI0322	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	0	1	
BLRI0325	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	0	1	
BLRI0326	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	0	1	
BLRI0030	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0042	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/19/95-06/19/95	0	1	
BLRI0048	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/19/95-06/19/95	0	1	
BLRI0055	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0085	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/15/95-05/15/95	0	1	
BLRI0093	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0102	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0107	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0111	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0112	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0141	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0163	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0249	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0157	No	01132	LITHIUM, TOTAL (UG/L AS LI)	12/28/89-12/28/89	0	1	
BLRI0163	No	01132	LITHIUM, TOTAL (UG/L AS LI)	01/21/88-12/28/89	1	2	
BLRI0181	No	01132	LITHIUM, TOTAL (UG/L AS LI)	02/10/75-08/11/75	0	3	
BLRI0245	No	01132	LITHIUM, TOTAL (UG/L AS LI)	11/19/75-11/16/76	0	5	
BLRI0252	No	01132	LITHIUM, TOTAL (UG/L AS LI)	11/19/75-11/16/76	0	5	
BLRI0266	No	01132	LITHIUM, TOTAL (UG/L AS LI)	08/18/75-11/16/76	1	7	
BLRI0335	No	01132	LITHIUM, TOTAL (UG/L AS LI)	06/21/73-01/29/75	1	6	
BLRI0336	No	01132	LITHIUM, TOTAL (UG/L AS LI)	06/21/73-01/29/75	1	6	
BLRI0013	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/20/79-07/20/79	0	1	
BLRI0073	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/23/79-07/23/79	0	1	
BLRI0126	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	0	1	
BLRI0130	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/25/79-07/25/79	0	1	
BLRI0225	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/02/79-11/02/79	0	1	
BLRI0225	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	11/02/79-11/02/79	0	1	
BLRI0001	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	0	1	
BLRI0030	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/94-08/15/94	0	2	
BLRI0038	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/16/84-07/21/92	8	2	
BLRI0042	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/03/92-06/01/94	1	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0048	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/22/88-06/01/94	5	4	
BLRI0055	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/16/84-07/21/92	8	2	
BLRI0094	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/02/79-05/02/79	0	1	
BLRI0095	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	10	6	
BLRI0097	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	11	49	
BLRI0098	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/13/95-07/13/95	0	2	
BLRI0099	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	11	49	
BLRI0102	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/08/84-05/08/84	0	1	
BLRI0110	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/17/88-09/29/92	3	4	
BLRI0111	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	10	3	
BLRI0112	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	10	4	
BLRI0113	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/17/88-09/29/92	3	4	
BLRI0116	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/27/92-08/27/92	0	1	
BLRI0133	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/10/93-08/10/93	0	2	
BLRI0141	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/80-04/01/80	0	1	
BLRI0163	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/15/86-06/28/90	4	18	
BLRI0164	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/19/87-01/20/88	1	9	
BLRI0181	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/10/75-08/11/75	0	3	
BLRI0198	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/77-03/10/78	0	2	
BLRI0224	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/30/86-06/18/90	4	19	
BLRI0225	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/76-01/21/88	11	16	
BLRI0238	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	1	2	
BLRI0240	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	1	2	
BLRI0245	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/75-11/16/76	0	5	
BLRI0248	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	1	2	
BLRI0252	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/75-11/16/76	0	5	
BLRI0266	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/18/75-11/16/76	1	7	
BLRI0269	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/76-03/10/78	1	3	
BLRI0333	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/77-03/10/78	0	2	
BLRI0014	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/02/83-06/02/83	0	1	
BLRI0017	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/10/92-06/10/92	0	1	
BLRI0030	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/92-04/11/95	2	4	
BLRI0042	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/92-04/11/95	2	4	
BLRI0057	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/83-06/15/83	0	1	
BLRI0071	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/83-06/15/83	0	1	
BLRI0085	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/10/87-06/25/92	4	2	
BLRI0097	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/83-06/28/94	10	7	
BLRI0099	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/83-06/28/94	10	7	
BLRI0102	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0110	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-12/14/93	4	5	
BLRI0111	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-04/10/95	5	6	
BLRI0112	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/25/92-04/10/95	2	4	
BLRI0113	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-06/25/92	2	3	
BLRI0133	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0071	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	01152	TITANIUM, TOTAL (UG/L AS TI)	04/01/80-04/01/80	0	1	
BLRI0181	No	01152	TITANIUM, TOTAL (UG/L AS TI)	02/10/75-08/11/75	0	3	
BLRI0245	No	01152	TITANIUM, TOTAL (UG/L AS TI)	11/19/75-11/16/76	0	5	
BLRI0252	No	01152	TITANIUM, TOTAL (UG/L AS TI)	11/19/75-11/16/76	0	5	
BLRI0266	No	01152	TITANIUM, TOTAL (UG/L AS TI)	08/18/75-11/16/76	1	7	
BLRI0141	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0141	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	04/01/80-04/01/80	0	1	
BLRI0141	No	01163	ZIRCONIUM IN BOTTOM DEPOSITS (MG/KG AS ZR DRY WT)	04/01/80-04/01/80	0	1	
BLRI0030	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/15/94-08/15/94	0	1	
BLRI0038	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0042	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/89-06/19/95	6	2	
BLRI0048	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/89-06/19/95	6	2	
BLRI0055	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/11/95-04/11/95	0	1	
BLRI0085	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/15/95-05/15/95	0	1	
BLRI0093	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0102	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/22/95-06/22/95	0	1	
BLRI0107	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0111	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0112	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/10/95-04/10/95	0	1	
BLRI0141	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0163	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0224	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0141	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	04/01/80-04/01/80	0	1	
BLRI0096	No	01300	OIL-GREASE (SEVERITY)	12/15/69-03/12/73	3	33	
BLRI0134	No	01300	OIL-GREASE (SEVERITY)	11/28/73-01/28/81	7	47	
BLRI0135	No	01300	OIL-GREASE (SEVERITY)	05/31/77-01/28/81	3	40	
BLRI0136	No	01300	OIL-GREASE (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01300	OIL-GREASE (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01300	OIL-GREASE (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01300	OIL-GREASE (SEVERITY)	11/27/73-03/30/81	7	58	
BLRI0161	No	01300	OIL-GREASE (SEVERITY)	03/19/79-11/25/86	7	87	
BLRI0163	No	01300	OIL-GREASE (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0165	No	01300	OIL-GREASE (SEVERITY)	06/04/73-03/30/81	7	20	
BLRI0166	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0167	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0168	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01300	OIL-GREASE (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01300	OIL-GREASE (SEVERITY)	01/16/74-01/27/75	1	2	
BLRI0175	No	01300	OIL-GREASE (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0177	No	01300	OIL-GREASE (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01300	OIL-GREASE (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0180	No	01300	OIL-GREASE (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01300	OIL-GREASE (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01300	OIL-GREASE (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01300	OIL-GREASE (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01300	OIL-GREASE (SEVERITY)	05/29/81-11/20/86	5	66	
BLRI0202	No	01300	OIL-GREASE (SEVERITY)	01/24/85-11/20/86	1	20	
BLRI0217	No	01300	OIL-GREASE (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01300	OIL-GREASE (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01300	OIL-GREASE (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01300	OIL-GREASE (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01300	OIL-GREASE (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01300	OIL-GREASE (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0249	No	01300	OIL-GREASE (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01300	OIL-GREASE (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01300	OIL-GREASE (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01300	OIL-GREASE (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01300	OIL-GREASE (SEVERITY)	06/12/73-01/15/75	1	9	
BLRI0265	No	01300	OIL-GREASE (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01300	OIL-GREASE (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01300	OIL-GREASE (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01300	OIL-GREASE (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0309	No	01300	OIL-GREASE (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01300	OIL-GREASE (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01300	OIL-GREASE (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01300	OIL-GREASE (SEVERITY)	08/13/74-01/29/75	0	5	
BLRI0332	No	01300	OIL-GREASE (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01300	OIL-GREASE (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0336	No	01300	OIL-GREASE (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0134	No	01305	DETERGENT SUDS (SEVERITY)	11/28/73-01/28/81	7	47	
BLRI0135	No	01305	DETERGENT SUDS (SEVERITY)	05/31/77-01/28/81	3	40	
BLRI0136	No	01305	DETERGENT SUDS (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01305	DETERGENT SUDS (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01305	DETERGENT SUDS (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01305	DETERGENT SUDS (SEVERITY)	11/27/73-03/30/81	7	56	
BLRI0161	No	01305	DETERGENT SUDS (SEVERITY)	03/19/79-11/25/86	7	87	
BLRI0163	No	01305	DETERGENT SUDS (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0165	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-03/30/81	7	21	
BLRI0166	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0167	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0168	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01305	DETERGENT SUDS (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01305	DETERGENT SUDS (SEVERITY)	01/16/74-01/27/75	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0175	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0177	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0180	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01305	DETERGENT SUDS (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01305	DETERGENT SUDS (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01305	DETERGENT SUDS (SEVERITY)	04/21/81-11/20/86	5	67	
BLRI0202	No	01305	DETERGENT SUDS (SEVERITY)	01/24/85-11/20/86	1	20	
BLRI0217	No	01305	DETERGENT SUDS (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01305	DETERGENT SUDS (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01305	DETERGENT SUDS (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01305	DETERGENT SUDS (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01305	DETERGENT SUDS (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01305	DETERGENT SUDS (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0249	No	01305	DETERGENT SUDS (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01305	DETERGENT SUDS (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01305	DETERGENT SUDS (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01305	DETERGENT SUDS (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01305	DETERGENT SUDS (SEVERITY)	06/12/73-01/15/75	1	12	
BLRI0265	No	01305	DETERGENT SUDS (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01305	DETERGENT SUDS (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01305	DETERGENT SUDS (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01305	DETERGENT SUDS (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0309	No	01305	DETERGENT SUDS (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01305	DETERGENT SUDS (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01305	DETERGENT SUDS (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01305	DETERGENT SUDS (SEVERITY)	08/13/74-01/29/75	0	6	
BLRI0332	No	01305	DETERGENT SUDS (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01305	DETERGENT SUDS (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0336	No	01305	DETERGENT SUDS (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0134	No	01315	SLUDGE, FLOATING (SEVERITY)	11/28/73-01/28/81	7	47	
BLRI0135	No	01315	SLUDGE, FLOATING (SEVERITY)	05/31/77-01/28/81	3	40	
BLRI0136	No	01315	SLUDGE, FLOATING (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01315	SLUDGE, FLOATING (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01315	SLUDGE, FLOATING (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01315	SLUDGE, FLOATING (SEVERITY)	11/27/73-03/30/81	7	58	
BLRI0161	No	01315	SLUDGE, FLOATING (SEVERITY)	03/19/79-11/25/86	7	87	
BLRI0163	No	01315	SLUDGE, FLOATING (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0165	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-03/30/81	7	20	
BLRI0166	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0167	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0168	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01315	SLUDGE, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01315	SLUDGE, FLOATING (SEVERITY)	01/16/74-01/27/75	1	2	
BLRI0175	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0177	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0180	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01315	SLUDGE, FLOATING (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01315	SLUDGE, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01315	SLUDGE, FLOATING (SEVERITY)	05/29/81-11/20/86	5	66	
BLRI0202	No	01315	SLUDGE, FLOATING (SEVERITY)	01/24/85-11/20/86	1	19	
BLRI0217	No	01315	SLUDGE, FLOATING (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01315	SLUDGE, FLOATING (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01315	SLUDGE, FLOATING (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01315	SLUDGE, FLOATING (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01315	SLUDGE, FLOATING (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01315	SLUDGE, FLOATING (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0249	No	01315	SLUDGE, FLOATING (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01315	SLUDGE, FLOATING (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01315	SLUDGE, FLOATING (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01315	SLUDGE, FLOATING (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01315	SLUDGE, FLOATING (SEVERITY)	06/12/73-01/15/75	1	12	
BLRI0265	No	01315	SLUDGE, FLOATING (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01315	SLUDGE, FLOATING (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01315	SLUDGE, FLOATING (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01315	SLUDGE, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0309	No	01315	SLUDGE, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01315	SLUDGE, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01315	SLUDGE, FLOATING (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01315	SLUDGE, FLOATING (SEVERITY)	08/13/74-01/29/75	0	5	
BLRI0332	No	01315	SLUDGE, FLOATING (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01315	SLUDGE, FLOATING (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0336	No	01315	SLUDGE, FLOATING (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0136	No	01325	ALGAE, FLOATING MATS (SEVERITY)	10/24/83-10/28/86	3	36	
BLRI0157	No	01325	ALGAE, FLOATING MATS (SEVERITY)	06/04/85-11/25/86	1	18	
BLRI0161	No	01325	ALGAE, FLOATING MATS (SEVERITY)	05/14/81-11/25/86	5	64	
BLRI0163	No	01325	ALGAE, FLOATING MATS (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0196	No	01325	ALGAE, FLOATING MATS (SEVERITY)	05/29/81-11/20/86	5	65	
BLRI0202	No	01325	ALGAE, FLOATING MATS (SEVERITY)	01/24/85-11/20/86	1	19	
BLRI0224	No	01325	ALGAE, FLOATING MATS (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0249	No	01325	ALGAE, FLOATING MATS (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01325	ALGAE, FLOATING MATS (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0134	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	11/28/73-01/28/81	7	48	
BLRI0135	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	05/31/77-01/28/81	3	41	
BLRI0136	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	11/27/73-03/30/81	7	56	
BLRI0161	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	03/19/79-11/25/86	7	87	
BLRI0163	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0165	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-03/30/81	7	19	
BLRI0166	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0167	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0168	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	01/16/74-01/27/75	1	2	
BLRI0175	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0177	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0180	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	04/21/81-11/20/86	5	67	
BLRI0202	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	01/24/85-11/20/86	1	20	
BLRI0217	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0249	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/12/73-01/15/75	1	12	
BLRI0265	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0309	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/13/74-01/29/75	0	5	
BLRI0332	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0336	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0134	No	01340	FISH, DEAD (SEVERITY)	11/28/73-01/28/81	7	47	
BLRI0135	No	01340	FISH, DEAD (SEVERITY)	05/31/77-01/28/81	3	40	
BLRI0136	No	01340	FISH, DEAD (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01340	FISH, DEAD (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01340	FISH, DEAD (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01340	FISH, DEAD (SEVERITY)	11/27/73-03/30/81	7	56	
BLRI0161	No	01340	FISH, DEAD (SEVERITY)	03/19/79-11/25/86	7	87	
BLRI0163	No	01340	FISH, DEAD (SEVERITY)	05/15/86-11/25/86	0	7	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0165	No	01340	FISH, DEAD (SEVERITY)	09/26/73-03/30/81	7	18	
BLRI0166	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0167	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0168	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0169	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0170	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0171	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0172	No	01340	FISH, DEAD (SEVERITY)	09/26/73-09/26/73	0	1	
BLRI0173	No	01340	FISH, DEAD (SEVERITY)	01/16/74-01/27/75	1	2	
BLRI0175	No	01340	FISH, DEAD (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0177	No	01340	FISH, DEAD (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01340	FISH, DEAD (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0180	No	01340	FISH, DEAD (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01340	FISH, DEAD (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01340	FISH, DEAD (SEVERITY)	08/22/73-09/26/73	0	2	
BLRI0185	No	01340	FISH, DEAD (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01340	FISH, DEAD (SEVERITY)	04/21/81-11/20/86	5	67	
BLRI0202	No	01340	FISH, DEAD (SEVERITY)	01/24/85-11/20/86	1	19	
BLRI0217	No	01340	FISH, DEAD (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01340	FISH, DEAD (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01340	FISH, DEAD (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01340	FISH, DEAD (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01340	FISH, DEAD (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01340	FISH, DEAD (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0249	No	01340	FISH, DEAD (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01340	FISH, DEAD (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01340	FISH, DEAD (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01340	FISH, DEAD (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01340	FISH, DEAD (SEVERITY)	06/12/73-01/15/75	1	9	
BLRI0265	No	01340	FISH, DEAD (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01340	FISH, DEAD (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01340	FISH, DEAD (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01340	FISH, DEAD (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0309	No	01340	FISH, DEAD (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01340	FISH, DEAD (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01340	FISH, DEAD (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01340	FISH, DEAD (SEVERITY)	08/13/74-01/29/75	0	5	
BLRI0332	No	01340	FISH, DEAD (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01340	FISH, DEAD (SEVERITY)	07/29/68-01/29/75	6	7	
BLRI0336	No	01340	FISH, DEAD (SEVERITY)	07/29/68-01/29/75	6	7	
BLRI0134	No	01345	DEBRIS, FLOATING (SEVERITY)	11/28/73-01/28/81	7	47	
BLRI0135	No	01345	DEBRIS, FLOATING (SEVERITY)	02/22/77-01/28/81	3	41	
BLRI0136	No	01345	DEBRIS, FLOATING (SEVERITY)	02/19/81-10/28/86	5	69	
BLRI0152	No	01345	DEBRIS, FLOATING (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01345	DEBRIS, FLOATING (SEVERITY)	06/20/73-11/25/86	13	19	
BLRI0158	No	01345	DEBRIS, FLOATING (SEVERITY)	11/27/73-03/30/81	7	59	
BLRI0161	No	01345	DEBRIS, FLOATING (SEVERITY)	03/19/79-11/25/86	7	90	
BLRI0163	No	01345	DEBRIS, FLOATING (SEVERITY)	05/15/86-11/25/86	0	7	
BLRI0165	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-03/30/81	7	22	
BLRI0166	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0167	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0168	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01345	DEBRIS, FLOATING (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01345	DEBRIS, FLOATING (SEVERITY)	01/16/74-01/27/75	1	2	
BLRI0175	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0177	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-01/27/75	1	12	
BLRI0178	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-08/16/73	0	3	
BLRI0180	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0183	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0184	No	01345	DEBRIS, FLOATING (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01345	DEBRIS, FLOATING (SEVERITY)	06/19/73-01/27/75	1	5	
BLRI0196	No	01345	DEBRIS, FLOATING (SEVERITY)	05/29/81-11/20/86	5	66	
BLRI0202	No	01345	DEBRIS, FLOATING (SEVERITY)	01/24/85-11/20/86	1	20	
BLRI0217	No	01345	DEBRIS, FLOATING (SEVERITY)	07/25/74-07/25/74	0	1	
BLRI0224	No	01345	DEBRIS, FLOATING (SEVERITY)	03/27/86-11/26/86	0	9	
BLRI0233	No	01345	DEBRIS, FLOATING (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0239	No	01345	DEBRIS, FLOATING (SEVERITY)	04/04/74-04/25/74	0	4	
BLRI0243	No	01345	DEBRIS, FLOATING (SEVERITY)	04/04/74-04/25/74	0	11	
BLRI0244	No	01345	DEBRIS, FLOATING (SEVERITY)	04/04/74-04/25/74	0	11	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0249	No	01345	DEBRIS, FLOATING (SEVERITY)	01/10/85-11/26/86	1	24	
BLRI0251	No	01345	DEBRIS, FLOATING (SEVERITY)	01/15/85-11/26/86	1	23	
BLRI0255	No	01345	DEBRIS, FLOATING (SEVERITY)	07/25/74-01/15/75	0	2	
BLRI0261	No	01345	DEBRIS, FLOATING (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01345	DEBRIS, FLOATING (SEVERITY)	06/12/73-01/15/75	1	9	
BLRI0265	No	01345	DEBRIS, FLOATING (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01345	DEBRIS, FLOATING (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01345	DEBRIS, FLOATING (SEVERITY)	11/20/73-02/10/75	1	11	
BLRI0305	No	01345	DEBRIS, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0309	No	01345	DEBRIS, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0311	No	01345	DEBRIS, FLOATING (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01345	DEBRIS, FLOATING (SEVERITY)	08/13/74-01/29/75	0	4	
BLRI0330	No	01345	DEBRIS, FLOATING (SEVERITY)	08/13/74-01/29/75	0	5	
BLRI0332	No	01345	DEBRIS, FLOATING (SEVERITY)	08/13/74-09/16/74	0	3	
BLRI0335	No	01345	DEBRIS, FLOATING (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0336	No	01345	DEBRIS, FLOATING (SEVERITY)	06/21/73-01/29/75	1	4	
BLRI0134	No	01350	TURBIDITY (SEVERITY)	11/28/73-01/28/81	7	75	
BLRI0135	No	01350	TURBIDITY (SEVERITY)	10/22/74-01/28/81	6	43	
BLRI0136	No	01350	TURBIDITY (SEVERITY)	02/19/81-12/19/94	13	102	
BLRI0145	No	01350	TURBIDITY (SEVERITY)	10/22/74-10/22/74	0	1	
BLRI0152	No	01350	TURBIDITY (SEVERITY)	06/20/73-06/20/73	0	1	
BLRI0157	No	01350	TURBIDITY (SEVERITY)	06/20/73-12/20/94	21	61	
BLRI0158	No	01350	TURBIDITY (SEVERITY)	11/27/73-03/30/81	7	81	
BLRI0161	No	01350	TURBIDITY (SEVERITY)	03/19/79-12/27/94	15	177	
BLRI0163	No	01350	TURBIDITY (SEVERITY)	05/15/86-08/19/91	5	62	
BLRI0165	No	01350	TURBIDITY (SEVERITY)	06/04/73-03/30/81	7	26	
BLRI0166	No	01350	TURBIDITY (SEVERITY)	06/04/73-10/03/74	1	3	
BLRI0167	No	01350	TURBIDITY (SEVERITY)	06/04/73-10/03/74	1	3	
BLRI0168	No	01350	TURBIDITY (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0169	No	01350	TURBIDITY (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0170	No	01350	TURBIDITY (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0171	No	01350	TURBIDITY (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0172	No	01350	TURBIDITY (SEVERITY)	06/04/73-09/26/73	0	2	
BLRI0173	No	01350	TURBIDITY (SEVERITY)	01/16/74-04/02/75	1	3	
BLRI0175	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0177	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/02/75	1	13	
BLRI0178	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/02/75	1	4	
BLRI0180	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/03/75	1	7	
BLRI0183	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/03/75	1	6	
BLRI0184	No	01350	TURBIDITY (SEVERITY)	05/29/73-09/26/73	0	3	
BLRI0185	No	01350	TURBIDITY (SEVERITY)	06/19/73-04/03/75	1	6	
BLRI0196	No	01350	TURBIDITY (SEVERITY)	04/21/81-12/15/94	13	154	
BLRI0202	No	01350	TURBIDITY (SEVERITY)	01/24/85-12/15/94	9	99	
BLRI0217	No	01350	TURBIDITY (SEVERITY)	07/25/74-03/26/75	0	4	
BLRI0224	No	01350	TURBIDITY (SEVERITY)	03/27/86-01/12/95	8	96	
BLRI0233	No	01350	TURBIDITY (SEVERITY)	04/04/74-04/25/74	0	5	
BLRI0239	No	01350	TURBIDITY (SEVERITY)	04/04/74-04/25/74	0	5	
BLRI0243	No	01350	TURBIDITY (SEVERITY)	04/04/74-04/25/74	0	12	
BLRI0244	No	01350	TURBIDITY (SEVERITY)	04/04/74-04/25/74	0	14	
BLRI0249	No	01350	TURBIDITY (SEVERITY)	01/10/85-01/05/95	9	115	
BLRI0251	No	01350	TURBIDITY (SEVERITY)	01/15/85-01/05/95	9	111	
BLRI0255	No	01350	TURBIDITY (SEVERITY)	07/25/74-02/14/75	0	4	
BLRI0261	No	01350	TURBIDITY (SEVERITY)	06/06/73-02/07/75	1	6	
BLRI0264	No	01350	TURBIDITY (SEVERITY)	06/12/73-01/15/75	1	12	
BLRI0265	No	01350	TURBIDITY (SEVERITY)	06/06/73-02/07/75	1	5	
BLRI0267	No	01350	TURBIDITY (SEVERITY)	06/06/73-09/11/73	0	4	
BLRI0295	No	01350	TURBIDITY (SEVERITY)	11/20/73-05/05/75	1	17	
BLRI0301	No	01350	TURBIDITY (SEVERITY)	09/25/91-10/17/94	3	35	
BLRI0305	No	01350	TURBIDITY (SEVERITY)	06/14/73-11/14/74	1	5	
BLRI0309	No	01350	TURBIDITY (SEVERITY)	06/14/73-11/14/74	1	5	
BLRI0311	No	01350	TURBIDITY (SEVERITY)	06/14/73-11/14/74	1	4	
BLRI0329	No	01350	TURBIDITY (SEVERITY)	08/13/74-02/24/75	0	9	
BLRI0330	No	01350	TURBIDITY (SEVERITY)	08/13/74-02/24/75	0	10	
BLRI0332	No	01350	TURBIDITY (SEVERITY)	08/13/74-02/24/75	0	8	
BLRI0335	No	01350	TURBIDITY (SEVERITY)	06/21/73-03/24/76	2	7	
BLRI0336	No	01350	TURBIDITY (SEVERITY)	06/21/73-01/29/75	1	6	
BLRI0014	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/30/79-09/13/95	16	163	
BLRI0017	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/30/91-10/12/95	4	18	
BLRI0030	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/15/94-08/15/94	0	3	
BLRI0038	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/10/79-10/18/95	16	263	
BLRI0042	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/10/92-09/05/95	2	16	
BLRI0048	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/10/92-09/05/95	2	16	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0055	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/13/79-10/18/95	16	266	
BLRI0056	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/07/91-10/19/95	4	45	
BLRI0061	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/09/79-10/19/95	16	158	
BLRI0062	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/04/88-06/08/89	0	4	
BLRI0064	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/04/88-10/19/95	7	65	
BLRI0071	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/09/79-10/19/95	16	158	
BLRI0074	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	03/11/80-02/19/81	0	3	
BLRI0081	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/05/82-08/09/84	2	9	
BLRI0082	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/05/82-02/19/82	0	2	
BLRI0083	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/05/82-08/09/84	2	8	
BLRI0085	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/16/93-05/15/95	1	10	
BLRI0088	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	03/11/80-02/19/81	0	2	
BLRI0093	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/05/94-10/02/95	1	7	
BLRI0095	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/18/79-09/25/95	16	224	
BLRI0097	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/20/89-08/07/95	6	13	
BLRI0098	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/13/95-07/13/95	0	3	
BLRI0099	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/20/89-08/07/95	6	12	
BLRI0102	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/18/79-10/10/95	16	123	
BLRI0110	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	12/09/91-06/23/94	2	12	
BLRI0111	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/18/79-09/25/95	16	168	
BLRI0112	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/18/79-09/25/95	16	235	
BLRI0113	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	12/09/91-09/25/95	3	16	
BLRI0116	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/05/91-05/19/94	2	11	
BLRI0122	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/15/92-09/11/95	3	99	
BLRI0124	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/15/92-09/11/95	3	100	
BLRI0133	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/10/93-08/10/93	0	3	
BLRI0134	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/28/73-01/28/81	7	74	
BLRI0135	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	10/22/74-01/28/81	6	45	
BLRI0136	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	02/19/81-12/19/94	13	102	
BLRI0145	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	10/22/74-10/22/74	0	1	
BLRI0152	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/20/73-06/20/73	0	1	
BLRI0157	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/20/73-12/20/94	21	61	
BLRI0158	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/27/73-03/30/81	7	80	
BLRI0161	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	03/19/79-12/27/94	15	178	
BLRI0163	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	05/15/86-08/19/91	5	61	
BLRI0165	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-03/30/81	7	28	
BLRI0166	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-10/03/74	1	3	
BLRI0167	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-10/03/74	1	3	
BLRI0168	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-09/26/73	0	2	
BLRI0169	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-09/26/73	0	2	
BLRI0170	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-09/26/73	0	2	
BLRI0171	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-09/26/73	0	2	
BLRI0172	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/04/73-09/26/73	0	2	
BLRI0173	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/16/74-04/02/75	1	3	
BLRI0175	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/02/75	1	4	
BLRI0177	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/02/75	1	13	
BLRI0178	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/02/75	1	4	
BLRI0180	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/03/75	1	7	
BLRI0183	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/03/75	1	6	
BLRI0184	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	05/29/73-09/26/73	0	3	
BLRI0185	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/19/73-04/03/75	1	6	
BLRI0196	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	05/29/81-12/15/94	13	154	
BLRI0202	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/24/85-12/15/94	9	99	
BLRI0217	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/10/75-02/14/75	0	2	
BLRI0224	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	03/27/86-01/12/95	8	95	
BLRI0233	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/04/74-04/10/74	0	2	
BLRI0239	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/10/74-04/18/74	0	2	
BLRI0243	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/10/74-04/18/74	0	5	
BLRI0244	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	04/10/74-04/18/74	0	6	
BLRI0249	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/10/85-01/05/95	9	115	
BLRI0251	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/15/85-01/05/95	9	111	
BLRI0255	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	07/25/74-02/14/75	0	4	
BLRI0261	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/06/73-02/07/75	1	6	
BLRI0264	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/12/73-01/15/75	1	12	
BLRI0265	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/06/73-02/07/75	1	5	
BLRI0267	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/06/73-09/11/73	0	4	
BLRI0295	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/20/73-05/05/75	1	17	
BLRI0301	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/25/91-10/17/94	3	35	
BLRI0305	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/14/73-11/14/74	1	5	
BLRI0309	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/14/73-11/14/74	1	5	
BLRI0311	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/14/73-11/14/74	1	4	
BLRI0329	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/13/74-02/24/75	0	8	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0330	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/13/74-02/24/75	0	8	
BLRI0332	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/13/74-02/24/75	0	7	
BLRI0335	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/21/73-03/24/76	2	7	
BLRI0336	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	06/21/73-01/29/75	1	6	
BLRI0194	No	01501	ALPHA, TOTAL	01/10/68-01/10/68	0	1	
BLRI0194	No	01502	ALPHA, TOTAL, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0194	No	01503	ALPHA, DISSOLVED	01/10/68-01/10/68	0	1	
BLRI0194	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0194	No	01505	ALPHA, SUSPENDED	01/10/68-01/10/68	0	1	
BLRI0194	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0194	No	03501	BETA, TOTAL	01/10/68-01/10/68	0	1	
BLRI0194	No	03502	BETA, TOTAL, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0194	No	03503	BETA, DISSOLVED	01/10/68-01/10/68	0	1	
BLRI0194	No	03504	BETA, DISSOLVED, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0194	No	03505	BETA, SUSPENDED	01/10/68-01/10/68	0	1	
BLRI0194	No	03506	BETA, SUSPENDED, COUNTING ERROR	01/10/68-01/10/68	0	1	
BLRI0066	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378, FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478, FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678, FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789, FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678, TIS, WETWT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30356	HEPTACHLORODIBENZOFURAN,1234678- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0066	No	30357	HEPTACHLORODIBENZOFURAN,1234789- , FISH, WET WT, PG/G	09/06/84-09/06/84	0	3	
BLRI0115	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/25/74-11/03/76	2	59	
BLRI0137	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/27/68-03/11/70	1	2	
BLRI0176	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	10/18/67-10/18/67	0	1	
BLRI0181	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	01/10/68-05/12/75	7	10	
BLRI0194	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	01/10/68-08/01/68	0	6	
BLRI0225	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/24/80-07/01/80	0	2	
BLRI0227	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	07/23/68-07/23/68	0	1	
BLRI0228	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	07/23/68-07/23/68	0	1	
BLRI0245	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	07/01/68-08/21/68	0	3	
BLRI0252	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	03/14/68-06/16/76	8	13	
BLRI0260	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	03/14/68-08/21/68	0	7	
BLRI0266	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/06/68-08/06/80	12	11	
BLRI0280	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	12/08/76-10/19/78	1	13	
BLRI0290	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	12/08/76-10/19/78	1	14	
BLRI0292	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/01/68-07/22/68	0	4	
BLRI0313	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/01/68-03/24/69	0	7	
BLRI0317	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/01/68-03/24/69	0	7	
BLRI0321	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/02/68-03/24/69	0	6	
BLRI0328	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/30/68-03/24/69	0	9	
BLRI0331	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/30/68-03/24/69	0	8	
BLRI0334	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/30/68-03/24/69	0	8	
BLRI0137	No	31503	COLIFORM,TOT, MEMBR FILTER, DELAYED,M-ENDO MED,35 C	05/28/68-05/28/68	0	1	
BLRI0136	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/25/94-12/19/94	0	4	
BLRI0157	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	12/30/85-12/30/85	0	1	
BLRI0161	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	04/23/85-04/23/85	0	1	
BLRI0163	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	06/27/86-06/29/89	3	31	
BLRI0183	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	06/08/70-06/08/70	0	1	
BLRI0184	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/10/72-10/30/72	0	2	
BLRI0185	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	06/08/70-06/08/70	0	1	
BLRI0196	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/17/82-02/17/83	0	2	
BLRI0202	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	10/21/91-10/21/91	0	1	
BLRI0224	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	03/27/86-01/12/95	8	65	
BLRI0251	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	09/16/91-01/05/95	3	38	
BLRI0256	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	06/01/87-06/01/87	0	1	
BLRI0261	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/21/68-05/21/70	1	4	
BLRI0265	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/21/68-05/21/70	1	3	
BLRI0267	No	31504	COLIFORM,TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,35C	08/21/68-09/22/69	1	2	
BLRI0004	No	31505	COLIFORM,TOT, MPN, CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/17/73	0	2	
BLRI0005	No	31505	COLIFORM,TOT, MPN, CONFIRMED TEST,35C (TUBE 31506)	07/07/68-09/08/70	2	13	
BLRI0009	No	31505	COLIFORM,TOT, MPN, CONFIRMED TEST,35C (TUBE 31506)	06/21/67-06/22/67	0	3	
BLRI0010	No	31505	COLIFORM,TOT, MPN, CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/16/73	0	2	
BLRI0038	No	31505	COLIFORM,TOT, MPN, CONFIRMED TEST,35C (TUBE 31506)	06/20/68-10/27/70	2	15	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0039	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/24/73-10/18/73	0	3	
BLRI0040	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-05/23/73	0	1	
BLRI0041	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-10/18/73	0	3	
BLRI0049	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/16/69-10/27/70	1	10	
BLRI0052	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-10/18/73	0	3	
BLRI0055	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/30/69-10/27/70	1	7	
BLRI0069	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/16/73-10/18/73	0	2	
BLRI0070	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/25/67-10/27/70	3	5	
BLRI0071	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/23/70-10/27/70	0	6	
BLRI0085	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/70-11/01/70	0	6	
BLRI0089	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/22/73-09/20/73	0	3	
BLRI0090	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/25/67-11/24/70	3	19	
BLRI0104	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/26/67-11/01/70	3	16	
BLRI0111	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/70-11/01/70	0	7	
BLRI0112	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/21/67-11/01/70	3	8	
BLRI0135	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/18/73	3	2	
BLRI0140	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/05/70-07/17/73	3	2	
BLRI0142	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/05/70-07/17/73	3	2	
BLRI0143	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0144	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0145	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0146	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0148	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0149	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	3	2	
BLRI0165	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0166	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/25/69-06/23/70	0	2	
BLRI0167	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0168	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0169	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0170	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0171	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0172	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	0	2	
BLRI0226	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/26/65	0	8	
BLRI0252	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/28/65	0	8	
BLRI0260	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	0	8	
BLRI0266	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	0	8	
BLRI0292	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/23/67-05/27/67	0	9	
BLRI0317	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/05/65-10/27/65	0	8	
BLRI0320	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/23/67-05/27/67	0	9	
BLRI0321	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/23/67-05/27/67	0	9	
BLRI0335	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/14/69-01/29/75	5	4	
BLRI0336	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/14/69-01/29/75	5	4	
BLRI0008	No	31506	COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	0	2	
BLRI0335	No	31508	COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	6	15	
BLRI0336	No	31508	COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	6	15	
BLRI0008	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	0	2	
BLRI0135	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/73-07/18/73	0	1	
BLRI0140	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0142	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0143	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0144	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0145	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0146	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0148	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0149	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	0	1	
BLRI0009	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/67-06/22/67	0	3	
BLRI0030	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/15/94-08/15/94	0	1	
BLRI0098	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/95-07/13/95	0	1	
BLRI0102	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/82-06/17/82	0	1	
BLRI0226	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/26/65	0	8	
BLRI0252	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/28/65	0	8	
BLRI0260	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	0	8	
BLRI0266	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	0	8	
BLRI0292	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/23/67-05/27/67	0	9	
BLRI0317	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/05/65-10/27/65	0	8	
BLRI0320	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/23/67-05/27/67	0	9	
BLRI0321	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/23/67-05/27/67	0	9	
BLRI0335	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	2	3	
BLRI0336	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	2	3	
BLRI0004	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-02/13/73	0	1	
BLRI0005	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/19/70-03/01/79	8	82	
BLRI0010	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-04/16/73	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 04/01/29 To 10/19/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0014	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/74-09/13/95	21	187	
BLRI0017	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/92-10/12/95	3	14	
BLRI0021	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/09/79-09/04/95	16	399	
BLRI0030	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/89-07/17/89	0	2	
BLRI0038	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/18/95	24	221	A
BLRI0039	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/73-05/24/73	0	1	
BLRI0040	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-05/23/73	0	1	
BLRI0041	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-05/23/73	0	1	
BLRI0042	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/22/88-09/05/95	6	27	
BLRI0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/20/74-06/18/79	4	47	
BLRI0048	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/22/88-09/05/95	6	24	
BLRI0049	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	8	86	
BLRI0050	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/20/74-06/18/79	4	42	
BLRI0052	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-10/18/73	0	3	
BLRI0055	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/22/70-10/18/95	24	265	A
BLRI0056	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/91-10/19/95	4	47	
BLRI0058	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/74-12/02/78	4	41	
BLRI0061	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/79-10/19/95	16	146	
BLRI0062	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/88-02/08/89	0	3	
BLRI0064	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/88-10/19/95	7	52	
BLRI0069	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/18/73	0	2	
BLRI0070	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	8	79	
BLRI0071	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/19/95	24	233	A
BLRI0078	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/91-08/06/91	0	1	
BLRI0080	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/05/92-08/09/93	1	2	
BLRI0081	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/85-08/04/85	0	1	
BLRI0085	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/15/95	24	97	
BLRI0089	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/73-09/18/73	0	2	
BLRI0090	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-06/07/79	8	93	
BLRI0093	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/92-10/02/95	3	6	
BLRI0095	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/25/95	24	212	
BLRI0096	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/15/69-02/12/74	4	48	
BLRI0097	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/90-08/07/95	5	6	
BLRI0098	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/28/77-07/30/90	12	2	
BLRI0099	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-08/07/95	24	44	
BLRI0100	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/74-08/26/92	18	19	
BLRI0102	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/79-10/10/95	16	96	
BLRI0104	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/02/74	3	33	
BLRI0109	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/31/74-06/07/79	4	48	
BLRI0110	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/02/88-06/23/94	5	21	
BLRI0111	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-09/25/95	24	255	A
BLRI0112	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-09/25/95	24	280	A
BLRI0113	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/17/88-09/25/95	6	26	
BLRI0115	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/74-10/12/77	3	86	
BLRI0116	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/09/88-05/19/94	5	19	
BLRI0122	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	4	115	
BLRI0124	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	4	121	
BLRI0125	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/88-10/30/90	2	4	
BLRI0134	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/73-01/28/81	7	80	
BLRI0135	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/70-01/28/81	10	52	
BLRI0136	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/19/81-12/19/94	13	80	
BLRI0137	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/10/70-02/21/73	2	6	
BLRI0140	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0142	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0143	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0144	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0145	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0146	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0148	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0149	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	3	7	
BLRI0152	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-06/20/73	2	2	
BLRI0157	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-12/20/94	24	49	
BLRI0158	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	7	77	
BLRI0161	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	15	161	
BLRI0162	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/02/73-10/04/73	0	6	
BLRI0163	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/15/86-06/11/91	5	42	
BLRI0165	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	10	40	
BLRI0166	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	3	14	
BLRI0167	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	3	14	
BLRI0168	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/70-09/26/73	2	13	
BLRI0169	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/70-09/26/73	3	13	
BLRI0170	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	3	13	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0171	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	3	13	
BLRI0172	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	3	14	
BLRI0173	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	0	1	
BLRI0176	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/67-10/18/67	0	1	
BLRI0177	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	0	1	
BLRI0178	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	0	1	
BLRI0181	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/68-05/12/75	7	9	
BLRI0183	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-04/03/75	3	6	
BLRI0184	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/72-08/22/73	1	4	
BLRI0185	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-08/16/73	2	6	
BLRI0194	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/68-08/01/68	0	5	
BLRI0196	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	13	143	
BLRI0199	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/74-08/31/81	7	81	
BLRI0202	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	9	84	
BLRI0217	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/09/73-03/26/75	1	3	
BLRI0224	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	13	81	
BLRI0227	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/68-07/23/68	0	1	
BLRI0228	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/68-07/23/68	0	1	
BLRI0233	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/74-04/25/74	0	5	
BLRI0235	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/87-11/10/87	0	4	
BLRI0239	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/74-04/25/74	0	5	
BLRI0243	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/74-04/25/74	0	12	
BLRI0244	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/04/74-04/25/74	0	14	
BLRI0245	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/68-11/09/76	8	6	
BLRI0249	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/85-01/05/95	9	73	
BLRI0251	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	9	69	
BLRI0252	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/68-12/28/76	8	23	
BLRI0254	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/87-11/10/87	0	3	
BLRI0255	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/73-01/15/75	1	6	
BLRI0256	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/87-06/01/87	0	5	
BLRI0257	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/87-06/01/87	0	6	
BLRI0260	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/68-08/21/68	0	6	
BLRI0261	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-07/25/74	3	12	
BLRI0264	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/72-01/15/75	2	9	
BLRI0265	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-09/11/73	2	10	
BLRI0266	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/68-08/06/80	12	21	
BLRI0267	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/71-09/11/73	2	10	
BLRI0268	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/24/84	10	169	
BLRI0291	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/18/84	10	171	
BLRI0292	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/01/68-07/22/68	0	4	
BLRI0295	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/20/73-05/05/75	1	16	
BLRI0301	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/91-10/17/94	3	35	
BLRI0305	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/72-05/18/72	0	1	
BLRI0311	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/24/71-06/24/71	0	1	
BLRI0313	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/01/68-03/24/69	0	8	
BLRI0317	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/01/68-03/24/69	0	8	
BLRI0321	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/02/68-03/24/69	0	7	
BLRI0328	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/68-03/24/69	0	9	
BLRI0329	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	0	9	
BLRI0330	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	0	9	
BLRI0331	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/68-03/24/69	0	8	
BLRI0332	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	0	8	
BLRI0334	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/30/68-03/24/69	0	8	
BLRI0335	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-03/24/76	4	6	
BLRI0336	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-01/29/75	3	5	
BLRI0115	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/07/76-02/21/79	3	32	
BLRI0225	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/24/80-02/11/81	0	6	
BLRI0052	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	0	1	
BLRI0069	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/18/73	0	2	
BLRI0089	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/73-09/18/73	0	1	
BLRI0115	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/13/74-02/21/79	4	116	
BLRI0225	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/24/80-02/11/81	0	6	
BLRI0256	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/87-06/01/87	0	6	
BLRI0224	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/10/81-02/11/81	0	4	
BLRI0150	No	32023	ACIDS, STRONG	10/27/82-10/27/82	0	1	
BLRI0151	Yes	32023	ACIDS, STRONG	10/27/82-10/27/82	0	1	
BLRI0153	No	32023	ACIDS, STRONG	10/27/82-10/27/82	0	1	
BLRI0154	Yes	32023	ACIDS, STRONG	10/27/82-11/25/86	4	11	
BLRI0159	No	32023	ACIDS, STRONG	10/28/82-05/05/83	0	2	
BLRI0216	No	32023	ACIDS, STRONG	05/03/83-05/03/83	0	1	
BLRI0303	No	32023	ACIDS, STRONG	04/21/83-12/03/86	3	13	
BLRI0322	No	32023	ACIDS, STRONG	03/26/82-03/26/82	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0325	No	32023	ACIDS, STRONG	03/26/82-03/26/82	0	1	
BLRI0326	No	32023	ACIDS, STRONG	03/26/82-03/26/82	0	1	
BLRI0150	No	32024	ACIDS, WEAK	10/27/82-10/27/82	0	1	
BLRI0151	Yes	32024	ACIDS, WEAK	10/27/82-10/27/82	0	1	
BLRI0153	No	32024	ACIDS, WEAK	10/27/82-10/27/82	0	1	
BLRI0154	Yes	32024	ACIDS, WEAK	10/27/82-11/25/86	4	11	
BLRI0159	No	32024	ACIDS, WEAK	10/28/82-05/05/83	0	2	
BLRI0216	No	32024	ACIDS, WEAK	05/03/83-05/03/83	0	1	
BLRI0303	No	32024	ACIDS, WEAK	04/21/83-12/03/86	3	13	
BLRI0322	No	32024	ACIDS, WEAK	03/26/82-03/26/82	0	1	
BLRI0325	No	32024	ACIDS, WEAK	03/26/82-03/26/82	0	1	
BLRI0326	No	32024	ACIDS, WEAK	03/26/82-03/26/82	0	1	
BLRI0141	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0161	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	09/08/81-09/08/81	0	1	
BLRI0211	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	1	2	
BLRI0214	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	1	2	
BLRI0222	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	1	2	
BLRI0230	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/31/90	0	1	
BLRI0237	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	1	2	
BLRI0241	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	1	2	
BLRI0247	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	1	2	
BLRI0306	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/01/90-08/24/93	3	11	
BLRI0315	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/01/90-08/24/93	3	10	
BLRI0008	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/28/69-08/18/69	0	2	
BLRI0019	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/14/90-08/14/90	0	1	
BLRI0030	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/17/89-07/17/89	0	1	
BLRI0039	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0041	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0069	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0089	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/18/73-09/20/73	0	2	
BLRI0097	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/24/90-10/01/90	0	4	
BLRI0098	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/28/77-07/30/90	12	2	
BLRI0099	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/24/90-10/01/90	0	4	
BLRI0161	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/26/80-09/23/80	0	2	
BLRI0019	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/14/90-08/14/90	0	1	
BLRI0030	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/17/89-07/17/89	0	1	
BLRI0039	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	0	2	
BLRI0041	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	0	2	
BLRI0069	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	0	2	
BLRI0089	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/18/73-09/20/73	0	2	
BLRI0097	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	0	4	
BLRI0098	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/30/90-07/30/90	0	1	
BLRI0099	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	0	4	
BLRI0161	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/26/80-09/23/80	0	2	
BLRI0335	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/21/73-01/29/75	1	4	
BLRI0336	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/21/73-01/29/75	1	4	
BLRI0039	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0041	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0069	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	0	2	
BLRI0089	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/18/73-09/20/73	0	2	
BLRI0161	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	09/08/81-09/08/81	0	1	
BLRI0211	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	1	2	
BLRI0214	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	1	2	
BLRI0222	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	1	2	
BLRI0230	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/31/90	0	1	
BLRI0237	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	1	2	
BLRI0241	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	1	2	
BLRI0247	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	1	2	
BLRI0306	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/01/90-08/24/93	3	11	
BLRI0315	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/01/90-08/24/93	3	10	
BLRI0039	No	32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	0	2	
BLRI0041	No	32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	0	2	
BLRI0069	No	32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	0	2	
BLRI0089	No	32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	09/18/73-09/20/73	0	2	
BLRI0161	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	09/08/81-09/08/81	0	1	
BLRI0211	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	1	2	
BLRI0214	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	1	2	
BLRI0222	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	1	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0230	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/31/90	0	1	
BLRI0237	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	1	2	
BLRI0241	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	1	2	
BLRI0247	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	1	2	
BLRI0306	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/01/90-08/24/93	3	11	
BLRI0315	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/01/90-08/24/93	3	10	
BLRI0019	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/14/90-08/14/90	0	1	
BLRI0097	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	0	4	
BLRI0098	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/30/90-07/30/90	0	1	
BLRI0099	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	0	4	
BLRI0161	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/26/80-09/23/80	0	2	
BLRI0335	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/29/68-01/29/75	6	15	
BLRI0336	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/29/68-01/29/75	6	14	
BLRI0019	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	08/14/90-08/14/90	0	1	
BLRI0097	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/24/90-10/01/90	0	4	
BLRI0098	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/30/90-07/30/90	0	1	
BLRI0099	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	04/24/90-10/01/90	0	4	
BLRI0115	No	32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	4	91	
BLRI0115	No	32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	4	91	
BLRI0014	No	32240	TANNIN AND LIGNIN (MG/L)	05/19/92-04/19/93	0	3	
BLRI0038	No	32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	6	41	
BLRI0039	No	32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	0	2	
BLRI0041	No	32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	0	2	
BLRI0052	No	32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	0	2	
BLRI0055	No	32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	6	41	
BLRI0069	No	32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	0	2	
BLRI0089	No	32240	TANNIN AND LIGNIN (MG/L)	09/18/73-09/20/73	0	2	
BLRI0095	No	32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	0	2	
BLRI0111	No	32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	0	2	
BLRI0112	No	32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	0	2	
BLRI0004	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/19/72-02/13/73	0	2	
BLRI0010	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/19/72-04/16/73	0	3	
BLRI0061	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/21/82-01/05/83	0	2	
BLRI0071	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/21/82-01/05/83	0	2	
BLRI0096	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/25/72-12/27/73	1	4	
BLRI0120	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/02/72-05/04/72	0	6	
BLRI0121	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/03/72-05/04/72	0	4	
BLRI0134	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/08/75-01/08/75	0	1	
BLRI0148	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/17/73-07/17/73	0	1	
BLRI0152	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/73-06/20/73	0	1	
BLRI0161	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/27/79-09/23/80	0	9	
BLRI0163	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/15/86-03/30/89	2	12	
BLRI0184	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/73-08/22/73	0	1	
BLRI0217	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/12/73-07/25/74	1	2	
BLRI0224	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/30/86-03/13/89	2	10	
BLRI0233	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	0	5	
BLRI0239	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	0	5	
BLRI0243	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	0	6	
BLRI0244	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/10/74-04/25/74	0	4	
BLRI0107	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0141	No	32734	PHENOLICS, TISSUE, WET WEIGHT, MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/01/80-04/01/80	0	1	
BLRI0141	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/01/80-04/01/80	0	1	
BLRI0141	No	34200	ACENAPHTHYLENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34204	ACENAPHTHYLENE WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34204	ACENAPHTHYLENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34205	ACENAPHTHENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34209	ACENAPHTHENE WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34209	ACENAPHTHENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34210	ACROLEIN TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34213	ACROLEIN DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34214	ACROLEIN WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34215	ACRYLONITRILE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34219	ACRYLONITRILE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34223	ANTHRACENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0071	No	34224	ANTHRACENE WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34224	ANTHRACENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	06/02/87-06/02/87	0	2	
BLRI0071	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34237	BENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34238	BENZENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34241	BENZIDINE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34247	BENZO-A-PYRENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34251	BENZO-A-PYRENE WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34251	BENZO-A-PYRENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34252	BERYLLIUM WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34252	BERYLLIUM WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34258	B-BHC-BETA WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34258	B-BHC-BETA WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34263	DELTA BENZENE HEXACHLORIDE WET WGT TISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34263	DELTA BENZENE HEXACHLORIDE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34272	BIS (CHLOROMETHYL) ETHER WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34290	BROMOFORM DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34291	BROMOFORM WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34300	CARBON TETRACHLORIDE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34301	CHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34305	CHLOROBENZENE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34310	CHLORODIBROMOMETHANE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34311	CHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34315	CHLOROETHANE WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34318	CHLOROFORM DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34319	CHLOROFORM WET WGT TISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34320	CHRYSENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34323	CHRYSENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0071	No	34324	CHRYSENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34324	CHRYSENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34326	CYANIDE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34336	DIETHYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34341	DIMETHYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34351	ENDOSULFAN SULFATE TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34351	ENDOSULFAN SULFATE TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34351	ENDOSULFAN SULFATE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34356	ENDOSULFAN, BETA TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34356	ENDOSULFAN, BETA TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34356	ENDOSULFAN, BETA TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34366	ENDRIN ALDEHYDE TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/17/89-08/15/94	5	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0038	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34366	ENDRIN ALDEHYDE TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34366	ENDRIN ALDEHYDE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34370	ENDRIN ALDEHYDE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34371	ETHYLBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34375	ETHYLBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34376	FLUORANTHENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34380	FLUORANTHENE WET WGT TISM/G/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34380	FLUORANTHENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34381	FLUORENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34384	FLUORENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34384	FLUORENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34385	FLUORENE WET WGT TISM/G/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34385	FLUORENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34395	HEXACHLOROBUTADIENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34396	HEXACHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34400	HEXACHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34407	INDENO (1,2,3-CD) PYRENE WET WGT TISM/G/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34407	INDENO (1,2,3-CD) PYRENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34408	ISOPHORONE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34411	ISOPHORONE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34411	ISOPHORONE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34412	ISOPHORONE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34413	METHYL BROMIDE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34417	METHYL BROMIDE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34418	METHYL CHLORIDE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34427	METHYLENE CHLORIDE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34437	N-NITROSODIPHENYLAMINE WET WGT TISM/G/KG	06/26/90-06/26/90	0	2	
BLRI0141	No	34437	N-NITROSODIPHENYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34442	N-NITROSODIMETHYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34446	NAPHTHALENE WET WGT TISM/G/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34446	NAPHTHALENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34447	NITROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34450	NITROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34450	NITROBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34451	NITROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34461	PHENANTHRENE TOTWUG/L	06/02/87-06/02/87	0	2	
BLRI0141	No	34461	PHENANTHRENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34465	PHENANTHRENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34465	PHENANTHRENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34468	PHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34469	PYRENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34472	PYRENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34472	PYRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34473	PYRENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34473	PYRENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34474	SILVER WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0014	No	34480	THALLIUM DRY WGTBOTMG/KG	06/02/83-06/02/83	0	1	
BLRI0017	No	34480	THALLIUM DRY WGTBOTMG/KG	06/10/92-06/10/92	0	1	
BLRI0030	No	34480	THALLIUM DRY WGTBOTMG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	34480	THALLIUM DRY WGTBOTMG/KG	07/21/92-04/11/95	2	3	
BLRI0042	No	34480	THALLIUM DRY WGTBOTMG/KG	09/10/92-06/19/95	2	3	
BLRI0046	No	34480	THALLIUM DRY WGTBOTMG/KG	05/14/92-06/03/92	0	2	
BLRI0047	No	34480	THALLIUM DRY WGTBOTMG/KG	05/14/92-06/11/92	0	5	
BLRI0048	No	34480	THALLIUM DRY WGTBOTMG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	34480	THALLIUM DRY WGTBOTMG/KG	07/21/92-04/11/95	2	3	
BLRI0057	No	34480	THALLIUM DRY WGTBOTMG/KG	06/03/92-06/10/92	0	4	
BLRI0061	No	34480	THALLIUM DRY WGTBOTMG/KG	06/15/83-06/15/83	0	1	
BLRI0071	No	34480	THALLIUM DRY WGTBOTMG/KG	06/15/83-06/15/83	0	1	
BLRI0085	No	34480	THALLIUM DRY WGTBOTMG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	34480	THALLIUM DRY WGTBOTMG/KG	04/05/95-04/05/95	0	1	
BLRI0097	No	34480	THALLIUM DRY WGTBOTMG/KG	06/28/94-06/28/94	0	1	
BLRI0099	No	34480	THALLIUM DRY WGTBOTMG/KG	06/28/94-06/28/94	0	1	
BLRI0102	No	34480	THALLIUM DRY WGTBOTMG/KG	06/22/95-06/22/95	0	1	
BLRI0107	No	34480	THALLIUM DRY WGTBOTMG/KG	06/02/87-06/02/87	0	2	
BLRI0110	No	34480	THALLIUM DRY WGTBOTMG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	34480	THALLIUM DRY WGTBOTMG/KG	07/28/92-04/10/95	2	3	
BLRI0112	No	34480	THALLIUM DRY WGTBOTMG/KG	07/28/92-04/10/95	2	3	
BLRI0133	No	34480	THALLIUM DRY WGTBOTMG/KG	08/10/93-08/10/93	0	1	
BLRI0141	No	34483	TOLUENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34484	TOLUENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0107	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34554	1,2,4-TRICHLOROBENZENE WET WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34586	2-CHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34591	2-NITROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34595	2-NITROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34611	2,4-DINITROTOLUENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34616	2,4-DINITROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34626	2,6-DINITROTOLUENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34646	4-NITROPHENOL TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34650	4-NITROPHENOL WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34664	PCB - 1221 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34664	PCB - 1221 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34667	PCB - 1232 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34667	PCB - 1232 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34668	DICHLORODIFLUOROMETHANE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0071	No	34669	PCB - 1248 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34669	PCB - 1248 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34670	PCB - 1260 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34670	PCB - 1260 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0001	No	34671	PCB - 1016 TOTWUG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	34671	PCB - 1016 TOTWUG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	34671	PCB - 1016 TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	34671	PCB - 1016 TOTWUG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	34671	PCB - 1016 TOTWUG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	34671	PCB - 1016 TOTWUG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	34671	PCB - 1016 TOTWUG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	34671	PCB - 1016 TOTWUG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	34671	PCB - 1016 TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0071	No	34674	PCB - 1016 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34674	PCB - 1016 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0163	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/20/87-10/20/87	0	1	
BLRI0071	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	09/15/80-09/15/80	0	1	
BLRI0163	No	34684	DIELDRIN TISMG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	34684	DIELDRIN TISMG/KG	10/20/87-10/20/87	0	1	
BLRI0071	No	34685	ENDRIN WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34685	ENDRIN WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0163	No	34685	ENDRIN WET WGTTISMG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	34685	ENDRIN WET WGTTISMG/KG	10/20/87-10/20/87	0	1	
BLRI0071	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/26/90-06/26/90	0	2	
BLRI0141	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34687	HEPTACHLOR WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34687	HEPTACHLOR WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34688	HEXACHLOROENZENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34688	HEXACHLOROENZENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0163	No	34688	HEXACHLOROENZENE WET WGTTISMG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	34688	HEXACHLOROENZENE WET WGTTISMG/KG	10/20/87-10/20/87	0	1	
BLRI0071	No	34689	PCB - 1242 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34689	PCB - 1242 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34690	PCB - 1254 WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34690	PCB - 1254 WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	34691	TOXAPHENE WET WGTTISMG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	34691	TOXAPHENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	34696	NAPHTHALENE TOTWUG/L	04/01/80-04/01/80	0	1	
BLRI0066	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/06/84-09/06/84	0	3	
BLRI0096	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	11/05/92-11/05/92	0	1	
BLRI0096	No	34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0096	No	34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34880	IRON,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34930	NIObIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	34985	TIN,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0096	No	35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	11/05/92-11/05/92	0	1	
BLRI0137	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/28/68-02/21/73	4	15	
BLRI0161	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/25/80-09/23/80	0	2	
BLRI0179	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/30/68-05/14/73	4	9	
BLRI0186	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0187	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0188	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0189	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0190	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0191	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0192	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	0	1	
BLRI0196	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/18/88-10/18/88	0	1	
BLRI0225	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/02/79-02/11/81	1	10	
BLRI0283	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/71-08/31/71	0	1	
BLRI0289	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	2	13	
BLRI0294	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	2	13	
BLRI0296	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	2	13	
BLRI0298	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/71-08/31/71	0	1	
BLRI0030	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	08/15/94-08/15/94	0	2	
BLRI0038	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/11/85-07/11/85	0	1	
BLRI0095	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/13/95-07/13/95	0	2	
BLRI0102	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	0	1	
BLRI0030	No	38451	DICHLORPROP WATER,SUSPUG/L	08/15/94-08/15/94	0	2	
BLRI0038	No	38451	DICHLORPROP WATER,SUSPUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	38451	DICHLORPROP WATER,SUSPUG/L	07/11/85-07/11/85	0	1	
BLRI0095	No	38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	38451	DICHLORPROP WATER,SUSPUG/L	07/13/95-07/13/95	0	2	
BLRI0102	No	38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0071	No	38744	CHLORPYRIFOS-METHYL TISWETWGTMG/KG	06/26/90-06/26/90	0	3	
BLRI0030	No	38745	2,4-DB WATER, TOTUG/L	08/15/94-08/15/94	0	2	
BLRI0038	No	38745	2,4-DB WATER, TOTUG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	38745	2,4-DB WATER, TOTUG/L	07/11/85-07/11/85	0	1	
BLRI0095	No	38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	38745	2,4-DB WATER, TOTUG/L	07/13/95-07/13/95	0	2	
BLRI0102	No	38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	38745	2,4-DB WATER, TOTUG/L	08/10/93-08/10/93	0	2	
BLRI0014	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/15/79-07/10/80	0	2	
BLRI0030	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/08/79-07/11/85	5	3	
BLRI0055	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/08/79-07/11/85	5	3	
BLRI0061	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/09/79-07/16/80	1	3	
BLRI0071	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/09/79-07/16/80	1	3	
BLRI0078	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0095	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	4	
BLRI0098	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	4	
BLRI0111	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	4	
BLRI0112	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	4	
BLRI0133	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0030	No	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	08/15/94-08/15/94	0	2	
BLRI0098	No	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	0	2	
BLRI0164	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0141	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	09/15/80-09/15/80	0	1	
BLRI0014	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/01/91-07/01/91	0	1	
BLRI0017	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/26/92-08/26/92	0	1	
BLRI0019	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/14/90-08/14/90	0	2	
BLRI0030	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/31/84-04/11/95	10	5	
BLRI0042	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/10/92-06/19/95	2	3	
BLRI0048	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/31/84-04/11/95	10	5	
BLRI0056	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/10/91-07/10/91	0	1	
BLRI0061	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/10/91-07/10/91	0	1	
BLRI0071	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/26/90-07/10/91	1	2	
BLRI0078	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/06/91-08/06/91	0	1	
BLRI0085	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	04/05/95-04/05/95	0	1	
BLRI0097	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/16/88-06/28/94	5	2	
BLRI0098	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/30/90-07/13/95	4	2	
BLRI0099	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/16/88-06/28/94	5	2	
BLRI0102	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/17/84-06/22/95	10	3	
BLRI0107	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/02/87-06/02/87	0	2	
BLRI0110	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	11/10/82-04/10/95	12	6	
BLRI0112	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/17/84-04/10/95	10	4	
BLRI0133	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/10/93-08/10/93	0	1	
BLRI0161	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/23/81-06/23/81	0	1	
BLRI0014	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0163	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/20/87-10/20/87	0	1	
BLRI0141	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	04/01/80-04/01/80	0	1	
BLRI0161	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	06/23/81-06/23/81	0	1	
BLRI0014	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0102	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	2	3	
BLRI0163	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/20/87-10/20/87	0	1	
BLRI0161	No	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	06/23/81-06/23/81	0	1	
BLRI0014	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0071	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	06/26/90-06/26/90	0	3	
BLRI0014	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	2	3	
BLRI0071	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	06/26/90-06/26/90	0	3	
BLRI0163	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/21/87-10/21/87	0	2	
BLRI0224	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/20/87-10/20/87	0	1	
BLRI0161	No	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	06/23/81-06/23/81	0	1	
BLRI0071	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/26/90-06/26/90	0	3	
BLRI0141	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/15/80-09/15/80	0	1	
BLRI0163	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/21/87-10/21/87	0	2	
BLRI0224	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/20/87-10/20/87	0	1	
BLRI0107	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/02/87-06/02/87	0	2	
BLRI0141	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	04/01/80-04/01/80	0	1	
BLRI0161	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/23/81-06/23/81	0	1	
BLRI0071	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	04/01/80-04/01/80	0	1	
BLRI0141	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	39113	DIBUTYL PHTHALATES IN FISH,ANIMAL WET WGT UG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0141	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	04/01/80-04/01/80	0	1	
BLRI0141	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/01/80-04/01/80	0	1	
BLRI0141	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/01/80-04/01/80	0	1	
BLRI0164	No	39250	NAPHTHALENES, POLYCHLORINATED (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39250	NAPHTHALENES, POLYCHLORINATED (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0071	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	06/26/90-06/26/90	0	3	
BLRI0163	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/20/87-10/20/87	0	1	
BLRI0001	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0014	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0055	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0061	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0078	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0098	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0111	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0112	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0133	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0107	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0141	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0141	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	0	1	
BLRI0163	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	0	1	
BLRI0014	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0161	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0001	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0014	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0055	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0061	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0078	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0098	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0111	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0112	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0133	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0107	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0141	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0141	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	0	1	
BLRI0163	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	0	1	
BLRI0014	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0161	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0163	No	39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	10/20/87-10/20/87	0	1	
BLRI0001	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0014	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0055	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0061	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0078	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0098	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0111	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0112	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0133	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0107	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0141	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0141	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/15/80-09/15/80	0	1	
BLRI0163	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/20/87-10/20/87	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0163	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	0	1	
BLRI0014	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0161	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0163	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/21/87-10/21/87	0	2	
BLRI0224	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/20/87-10/20/87	0	1	
BLRI0001	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0014	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/14/82	2	3	
BLRI0030	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	5	
BLRI0055	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	5	
BLRI0061	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/20/82	3	4	
BLRI0071	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/20/82	3	4	
BLRI0078	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	5	
BLRI0096	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0097	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/12/83-07/12/83	0	1	
BLRI0098	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	5	
BLRI0111	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	5	
BLRI0112	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	5	
BLRI0133	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/83-06/02/83	0	1	
BLRI0017	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0030	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/81-04/11/95	13	5	
BLRI0042	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	
BLRI0048	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/81-04/11/95	13	5	
BLRI0056	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/15/83-07/10/91	8	2	
BLRI0071	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/15/83-07/10/91	8	2	
BLRI0085	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0095	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-05/18/81	0	1	
BLRI0097	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/28/94-06/28/94	0	1	
BLRI0098	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/95-07/13/95	0	1	
BLRI0099	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/28/94-06/28/94	0	1	
BLRI0102	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-06/22/95	14	3	
BLRI0107	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0110	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-04/10/95	13	5	
BLRI0112	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-04/10/95	13	5	
BLRI0133	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0141	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0164	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0001	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/01/79-05/01/79	0	1	
BLRI0030	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/89-08/15/94	5	5	
BLRI0038	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	0	1	
BLRI0055	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	0	1	
BLRI0078	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/06/91-08/06/91	0	2	
BLRI0094	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/02/79-05/02/79	0	1	
BLRI0095	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0098	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/30/90-07/13/95	4	3	
BLRI0102	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0111	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0112	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0133	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/10/93-08/10/93	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/01/80-04/01/80	0	1	
BLRI0001	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/01/79-05/01/79	0	1	
BLRI0030	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/89-08/15/94	5	5	
BLRI0038	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	0	1	
BLRI0055	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	0	1	
BLRI0078	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/06/91-08/06/91	0	2	
BLRI0094	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/02/79-05/02/79	0	1	
BLRI0095	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0098	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/30/90-07/13/95	4	3	
BLRI0102	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0111	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0112	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	0	1	
BLRI0133	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/10/93-08/10/93	0	2	
BLRI0141	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/01/80-04/01/80	0	1	
BLRI0001	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/84-10/22/84	0	1	
BLRI0096	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/24/72-06/20/73	0	3	
BLRI0098	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0164	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/18/87-07/19/88	0	3	
BLRI0225	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/18/87-01/20/88	0	4	
BLRI0107	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/01/80-04/01/80	0	1	
BLRI0164	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/02/88	0	3	
BLRI0225	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/01/88	0	3	
BLRI0001	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/01/79-05/01/79	0	1	
BLRI0014	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/15/79-07/10/80	0	2	
BLRI0030	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/15/94-08/15/94	0	2	
BLRI0038	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/08/79-07/25/80	0	2	
BLRI0055	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/08/79-07/25/80	0	2	
BLRI0061	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/09/79-07/16/80	1	3	
BLRI0071	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/09/79-07/16/80	1	3	
BLRI0094	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	2	3	
BLRI0096	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/24/72-06/20/73	0	3	
BLRI0098	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/13/95-07/13/95	0	2	
BLRI0102	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	2	3	
BLRI0111	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	2	3	
BLRI0112	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	2	3	
BLRI0141	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/01/80-04/01/80	0	1	
BLRI0164	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/18/87-07/19/88	0	3	
BLRI0225	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/18/87-01/20/88	0	4	
BLRI0014	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/01/91-07/01/91	0	1	
BLRI0017	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/26/92-08/26/92	0	1	
BLRI0019	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/14/90-08/14/90	0	2	
BLRI0030	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/31/84-04/11/95	10	5	
BLRI0042	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/10/92-06/19/95	2	3	
BLRI0048	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/31/84-04/11/95	10	5	
BLRI0056	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/10/91-07/10/91	0	1	
BLRI0061	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/10/91-07/10/91	0	1	
BLRI0071	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/26/90-07/10/91	1	2	
BLRI0078	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/06/91-08/06/91	0	1	
BLRI0085	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/05/95-04/05/95	0	1	
BLRI0095	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/82-11/10/82	0	1	
BLRI0097	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/16/88-06/28/94	5	2	
BLRI0098	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/30/90-07/13/95	4	2	
BLRI0099	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/16/88-06/28/94	5	2	
BLRI0102	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/84-06/22/95	10	3	
BLRI0110	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/84-04/10/95	10	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0112	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/84-04/10/95	10	4	
BLRI0133	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/10/93-08/10/93	0	1	
BLRI0164	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/02/88	0	3	
BLRI0225	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/01/88	0	3	
BLRI0096	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	0	1	
BLRI0017	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0019	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	0	2	
BLRI0030	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0042	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	
BLRI0048	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0056	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0071	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	1	2	
BLRI0078	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/91-08/06/91	0	1	
BLRI0085	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0097	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0098	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	4	2	
BLRI0099	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0102	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	10	3	
BLRI0110	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	5	
BLRI0112	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	4	
BLRI0133	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0164	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0096	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0112	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	0	1	
BLRI0164	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	0	1	
BLRI0017	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0019	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	0	2	
BLRI0030	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0042	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	
BLRI0048	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0056	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0071	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	1	2	
BLRI0078	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/91-08/06/91	0	1	
BLRI0085	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0097	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0098	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	4	2	
BLRI0099	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0102	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	10	3	
BLRI0110	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	5	
BLRI0112	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	4	
BLRI0133	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0164	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0004	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/17/73-04/17/73	0	1	
BLRI0049	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/10/71-03/10/71	0	1	
BLRI0055	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/21/75-04/21/75	0	1	
BLRI0096	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0112	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	0	1	
BLRI0164	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	0	1	
BLRI0017	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0019	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	0	2	
BLRI0030	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0042	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0048	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0056	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0071	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	1	2	
BLRI0078	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/91-08/06/91	0	1	
BLRI0085	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0097	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0098	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	4	2	
BLRI0099	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0102	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	10	3	
BLRI0110	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	5	
BLRI0112	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	4	
BLRI0133	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0161	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0164	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0001	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0014	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0055	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/71-07/11/85	14	4	
BLRI0061	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/71-07/16/80	9	7	
BLRI0078	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0085	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	0	1	
BLRI0090	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
BLRI0094	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0096	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0098	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0111	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/71-10/22/84	13	5	
BLRI0112	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0133	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/91-07/01/91	0	1	
BLRI0017	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/92-08/26/92	0	1	
BLRI0019	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/14/90-08/14/90	0	2	
BLRI0030	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/94-08/15/94	0	1	
BLRI0038	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	10	5	
BLRI0042	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/92-06/19/95	2	3	
BLRI0048	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/01/94-06/19/95	1	2	
BLRI0055	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	10	5	
BLRI0056	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	0	1	
BLRI0061	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	0	1	
BLRI0071	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/90-07/10/91	1	2	
BLRI0078	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/91-08/06/91	0	1	
BLRI0085	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/03/93-05/15/95	1	2	
BLRI0093	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/05/95-04/05/95	0	1	
BLRI0097	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	5	2	
BLRI0098	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/30/90-07/13/95	4	2	
BLRI0099	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	5	2	
BLRI0102	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-06/22/95	10	3	
BLRI0107	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/87-06/02/87	0	2	
BLRI0110	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/28/92-12/14/93	1	2	
BLRI0111	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	10	5	
BLRI0112	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	10	4	
BLRI0133	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/10/93-08/10/93	0	1	
BLRI0141	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/80-04/01/80	0	1	
BLRI0161	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/81-06/23/81	0	1	
BLRI0164	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/02/88	0	3	
BLRI0225	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/01/88	0	3	
BLRI0164	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0001	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0005	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
BLRI0014	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0055	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	3	
BLRI0061	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0078	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0096	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0098	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0111	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0112	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	4	
BLRI0133	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	0	1	
BLRI0017	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0019	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	0	2	
BLRI0030	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0042	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	
BLRI0048	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0056	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0071	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	1	2	
BLRI0078	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/06/91-08/06/91	0	1	
BLRI0085	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0097	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0098	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	4	2	
BLRI0099	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0102	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	10	3	
BLRI0107	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0110	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	5	
BLRI0112	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	4	
BLRI0133	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0141	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0164	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0096	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0001	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0030	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0078	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0096	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0098	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/91-07/01/91	0	1	
BLRI0017	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/26/92-08/26/92	0	1	
BLRI0019	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/14/90-08/14/90	0	2	
BLRI0030	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/94-08/15/94	0	1	
BLRI0038	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	10	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0042	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/92-06/19/95	2	3	
BLRI0048	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/01/94-06/19/95	1	2	
BLRI0055	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	10	5	
BLRI0056	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	0	1	
BLRI0061	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	0	1	
BLRI0071	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/90-07/10/91	1	2	
BLRI0078	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/06/91-08/06/91	0	1	
BLRI0085	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/03/93-05/15/95	1	2	
BLRI0093	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/05/95-04/05/95	0	1	
BLRI0097	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	5	2	
BLRI0098	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/30/90-07/13/95	4	2	
BLRI0099	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	5	2	
BLRI0102	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-06/22/95	10	3	
BLRI0107	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/87-06/02/87	0	2	
BLRI0110	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/28/92-12/14/93	1	2	
BLRI0111	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	10	5	
BLRI0112	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	10	4	
BLRI0133	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/10/93-08/10/93	0	1	
BLRI0141	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/80-04/01/80	0	1	
BLRI0164	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/02/88	0	3	
BLRI0225	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/01/88	0	3	
BLRI0071	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/26/90-06/26/90	0	3	
BLRI0141	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	0	1	
BLRI0001	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0030	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0078	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0096	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0098	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0014	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	0	1	
BLRI0017	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/26/92-08/26/92	0	1	
BLRI0019	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	0	2	
BLRI0030	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/15/94-08/15/94	0	1	
BLRI0038	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0042	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	2	3	
BLRI0048	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1	2	
BLRI0055	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	10	5	
BLRI0056	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0061	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	0	1	
BLRI0071	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	1	2	
BLRI0078	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/06/91-08/06/91	0	1	
BLRI0085	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/03/93-05/15/95	1	2	
BLRI0093	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/05/95-04/05/95	0	1	
BLRI0097	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0098	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	4	2	
BLRI0099	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	5	2	
BLRI0102	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	10	3	
BLRI0107	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0110	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/28/92-12/14/93	1	2	
BLRI0111	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	5	
BLRI0112	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	10	4	
BLRI0133	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/10/93-08/10/93	0	1	
BLRI0141	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0164	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0001	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	0	1	
BLRI0030	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5	5	
BLRI0038	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0078	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/06/91-08/06/91	0	2	
BLRI0094	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	0	1	
BLRI0095	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0096	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0098	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	4	3	
BLRI0102	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0141	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0164	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0107	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/02/87-06/02/87	0	2	
BLRI0141	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/01/80-04/01/80	0	1	
BLRI0164	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/18/87-06/02/88	0	3	
BLRI0225	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/18/87-06/01/88	0	3	
BLRI0014	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0164	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0107	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/02/87-06/02/87	0	2	
BLRI0161	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/23/81-06/23/81	0	1	
BLRI0164	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/18/87-06/02/88	0	3	
BLRI0225	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/18/87-06/01/88	0	3	
BLRI0163	No	39482	METHOXYCHLOR IN FISH - UG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	39482	METHOXYCHLOR IN FISH - UG/KG	10/20/87-10/20/87	0	1	
BLRI0001	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	04/01/80-04/01/80	0	1	
BLRI0001	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/01/80-04/01/80	0	1	
BLRI0001	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/01/80-04/01/80	0	1	
BLRI0001	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	0	1	
BLRI0001	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/94-08/15/94	0	2	
BLRI0094	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0098	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	0	2	
BLRI0141	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	0	1	
BLRI0001	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	0	1	
BLRI0030	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5	5	
BLRI0038	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	0	1	
BLRI0078	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/06/91-08/06/91	0	2	
BLRI0094	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	0	1	
BLRI0095	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	4	3	
BLRI0102	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	0	2	
BLRI0141	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	0	1	
BLRI0107	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	0	1	
BLRI0107	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/26/90-06/26/90	0	3	
BLRI0163	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/21/87-10/21/87	0	2	
BLRI0224	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/20/87-10/20/87	0	1	
BLRI0014	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0030	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	0	2	
BLRI0038	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0090	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/11/74-03/11/74	0	1	
BLRI0095	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0096	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/24/72-12/11/72	0	2	
BLRI0098	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	0	2	
BLRI0102	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0120	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/04/72-05/04/72	0	1	
BLRI0121	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/04/72-05/04/72	0	1	
BLRI0133	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0164	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0161	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0164	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0014	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/01/91-07/01/91	0	1	
BLRI0017	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/26/92-08/26/92	0	1	
BLRI0019	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/14/90-08/14/90	0	2	
BLRI0030	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	10/31/84-04/11/95	10	5	
BLRI0042	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/10/92-06/19/95	2	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0048	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	10/31/84-04/11/95	10	5	
BLRI0056	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/10/91-07/10/91	0	1	
BLRI0061	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/10/91-07/10/91	0	1	
BLRI0071	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	06/26/90-07/10/91	1	2	
BLRI0078	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/06/91-08/06/91	0	1	
BLRI0085	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/05/95-04/05/95	0	1	
BLRI0097	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/16/88-06/28/94	5	2	
BLRI0098	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/30/90-07/13/95	4	2	
BLRI0099	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/16/88-06/28/94	5	2	
BLRI0102	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-06/22/95	10	3	
BLRI0110	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-04/10/95	10	5	
BLRI0112	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-04/10/95	10	4	
BLRI0133	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/10/93-08/10/93	0	1	
BLRI0096	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0096	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0098	No	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	0	2	
BLRI0096	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0096	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0014	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	07/14/82-07/14/82	0	1	
BLRI0038	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	04/13/82-09/15/83	1	2	
BLRI0055	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	04/13/82-09/15/83	1	2	
BLRI0061	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	07/20/82-07/20/82	0	1	
BLRI0071	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	07/20/82-07/20/82	0	1	
BLRI0095	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0101	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/30/78-10/30/78	0	1	
BLRI0102	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0111	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0112	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0014	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/02/83-06/02/83	0	1	
BLRI0038	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/11/81-01/10/83	1	2	
BLRI0055	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/11/81-01/10/83	1	2	
BLRI0061	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/15/83-06/15/83	0	1	
BLRI0071	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/15/83-06/15/83	0	1	
BLRI0095	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	1	2	
BLRI0102	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	1	2	
BLRI0111	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-05/18/81	0	1	
BLRI0112	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	1	2	
BLRI0014	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	0	2	
BLRI0038	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0055	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	0	2	
BLRI0061	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0071	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	1	3	
BLRI0095	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0102	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0111	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0112	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	2	3	
BLRI0141	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	0	1	
BLRI0107	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	0	2	
BLRI0141	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0161	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	0	1	
BLRI0141	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	04/01/80-04/01/80	0	1	
BLRI0141	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/15/80-09/15/80	0	1	
BLRI0107	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	06/02/87-06/02/87	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0141	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0200	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0030	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	0	2	
BLRI0038	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0095	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0098	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	0	2	
BLRI0102	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0200	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0030	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	0	2	
BLRI0038	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0095	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0098	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	0	2	
BLRI0102	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0200	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0164	No	39755	MIREX, TOTAL (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39755	MIREX, TOTAL (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0030	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	0	2	
BLRI0038	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0055	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	0	1	
BLRI0095	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0098	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	0	2	
BLRI0102	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0111	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0112	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	0	1	
BLRI0133	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	0	2	
BLRI0200	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	0	1	
BLRI0090	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/09/71-05/09/71	0	1	
BLRI0071	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/26/90-06/26/90	0	3	
BLRI0141	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/15/80-09/15/80	0	1	
BLRI0096	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0096	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	0	3	
BLRI0164	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	0	3	
BLRI0225	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	0	4	
BLRI0164	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	0	3	
BLRI0225	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	0	3	
BLRI0141	No	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	04/01/80-04/01/80	0	1	
BLRI0071	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/26/90-06/26/90	0	3	
BLRI0030	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/15/94-08/15/94	0	2	
BLRI0038	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/21/92-07/21/92	0	1	
BLRI0042	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/10/92-06/01/94	1	2	
BLRI0048	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/10/92-06/01/94	1	2	
BLRI0055	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/21/92-07/21/92	0	1	
BLRI0095	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/28/92-07/28/92	0	1	
BLRI0097	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/28/94-10/04/94	0	4	
BLRI0098	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/13/95-07/13/95	0	2	
BLRI0099	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/28/94-10/04/94	0	3	
BLRI0110	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/29/92-09/29/92	0	1	
BLRI0111	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/28/92-07/28/92	0	1	
BLRI0112	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/28/92-07/28/92	0	1	
BLRI0113	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/29/92-09/29/92	0	1	
BLRI0116	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/27/92-08/27/92	0	1	
BLRI0133	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/10/93-08/10/93	0	2	
BLRI0150	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0153	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/27/82-10/27/82	0	1	
BLRI0159	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/28/82-05/05/83	0	2	
BLRI0181	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/10/68-09/08/75	7	13	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0194	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/10/68-01/10/68	0	1	
BLRI0216	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	05/03/83-05/03/83	0	1	
BLRI0226	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/06/65-05/25/67	2	17	
BLRI0245	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/20/75-12/28/76	1	16	
BLRI0252	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/21/75-12/28/76	1	16	
BLRI0266	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/21/75-12/28/76	1	19	
BLRI0270	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/67-05/26/67	0	9	
BLRI0292	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/12/67-04/29/67	0	4	
BLRI0303	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	04/21/83-04/21/83	0	1	
BLRI0313	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	12/04/68-12/04/68	0	1	
BLRI0317	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/05/65-03/24/69	4	16	
BLRI0320	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/12/67-05/04/67	0	3	
BLRI0321	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/23/67-05/04/67	0	2	
BLRI0322	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/26/82-03/26/82	0	1	
BLRI0325	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	11/12/81-03/26/82	0	3	
BLRI0326	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/26/82-03/26/82	0	1	
BLRI0331	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	12/02/68-12/02/68	0	1	
BLRI0334	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10/21/68-12/02/68	0	2	
BLRI0096	No	49266	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49267	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49269	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49270	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49271	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49272	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49274	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49275	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49276	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49277	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49278	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49279	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49280	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49316	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49317	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49318	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49319	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49320	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49321	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49322	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49324	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49325	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49326	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49327	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49328	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49329	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49330	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49331	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49332	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49335	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49338	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49339	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49341	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49342	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49343	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49344	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49345	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49346	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49347	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49348	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49349	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49350	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49351	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49381	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49382	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49383	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49384	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49387	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49388	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49389	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49390	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49391	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49392	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49393	INVALID PARAMETER	11/05/92-11/05/92	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0096	No	49394	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49395	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49396	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49397	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49398	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49399	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49400	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49401	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49402	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49403	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49404	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49405	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49406	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49407	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49408	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49409	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49410	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49411	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49413	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49421	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49422	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49424	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49426	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49427	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49428	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49429	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49430	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49431	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49433	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49434	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49435	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49436	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49437	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49438	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49439	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49441	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49442	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49443	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49444	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49446	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49449	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49450	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49451	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49452	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49454	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49455	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49458	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49459	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49460	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49461	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49466	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49467	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49468	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0096	No	49490	INVALID PARAMETER	11/05/92-11/05/92	0	1	
BLRI0162	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	10/02/73-10/03/73	0	2	
BLRI0005	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/12/76-03/12/76	0	1	
BLRI0014	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/29/82-08/12/85	3	8	
BLRI0061	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/15/82-07/07/83	1	6	
BLRI0071	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/15/82-06/17/85	3	7	
BLRI0097	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/08/83-10/04/83	0	5	
BLRI0099	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/08/83-10/04/83	0	3	
BLRI0134	No	50086	SETTLABLE MATTER (ML/L/HR)	06/29/77-06/29/77	0	1	
BLRI0135	No	50086	SETTLABLE MATTER (ML/L/HR)	06/29/77-06/29/77	0	1	
BLRI0225	No	60050	ALGAE, TOTAL (CELLS/ML)	11/02/79-11/02/79	0	1	
BLRI0245	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	08/21/68-08/21/68	0	1	
BLRI0252	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	03/14/68-06/24/68	0	4	
BLRI0260	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	01/06/65-08/21/68	3	13	
BLRI0147	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	0	1	
BLRI0155	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	0	1	
BLRI0212	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	0	1	
BLRI0258	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	0	1	
BLRI0304	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/25/84-11/25/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0011	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/04/30-09/04/30	0	1	
BLRI0012	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/79-07/09/79	0	1	
BLRI0013	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/79-07/18/79	0	1	
BLRI0015	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/29/54-05/21/69	14	3	
BLRI0016	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/74-07/18/79	4	2	
BLRI0018	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/74-07/18/79	4	2	
BLRI0020	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/74-07/20/79	4	2	
BLRI0022	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/79-07/10/79	0	1	
BLRI0023	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/20/79-07/20/79	0	1	
BLRI0039	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/73-10/18/73	0	1	
BLRI0041	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/73-10/18/73	0	1	
BLRI0045	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/07/52-06/20/68	15	4	
BLRI0052	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/73-10/18/73	0	1	
BLRI0053	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/17/67-10/14/68	0	16	
BLRI0060	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/07/45-05/07/45	0	1	
BLRI0072	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/17/67-09/12/68	0	14	
BLRI0073	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/56-07/23/79	22	2	
BLRI0079	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/27/74-07/19/79	4	2	
BLRI0084	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/74-07/19/79	4	2	
BLRI0087	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/27/74-07/19/79	4	2	
BLRI0091	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	17	340	
BLRI0096	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/25/72-12/27/73	1	4	
BLRI0106	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/45-02/18/69	23	8	
BLRI0115	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	49	164	S
BLRI0119	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/24/79	4	2	
BLRI0120	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/03/72-05/04/72	0	7	
BLRI0121	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/03/72-05/04/72	0	4	
BLRI0126	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/24/79	4	2	
BLRI0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/24/79	4	2	
BLRI0128	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/79-07/24/79	0	1	
BLRI0129	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/71-07/25/79	7	2	
BLRI0130	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/25/79	4	2	
BLRI0132	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/79-07/25/79	0	1	
BLRI0137	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/55-02/21/73	17	23	
BLRI0164	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/06/87-01/20/88	0	7	
BLRI0179	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/56-05/14/73	16	12	
BLRI0181	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/13/75-09/08/75	0	9	
BLRI0195	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/57-04/19/62	4	7	
BLRI0198	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-08/08/74	0	2	
BLRI0220	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/57-04/04/58	0	2	
BLRI0225	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/02/56-01/21/88	31	40	S
BLRI0245	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/20/75-12/28/76	1	16	
BLRI0246	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/57-10/05/70	12	11	
BLRI0252	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/21/75-12/28/76	1	16	
BLRI0254	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/87-01/18/87	0	5	
BLRI0257	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/87-06/01/87	0	11	
BLRI0262	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/16/70-09/03/71	0	6	
BLRI0263	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/17/56-07/18/72	15	52	
BLRI0266	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/75-08/06/80	5	20	
BLRI0269	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-04/22/76	2	3	
BLRI0312	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/54-05/04/61	6	9	
BLRI0322	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/26/82-03/26/82	0	1	
BLRI0325	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/81-03/26/82	0	3	
BLRI0326	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/26/82-03/26/82	0	1	
BLRI0333	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-08/08/74	0	2	
BLRI0335	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/73-01/29/75	1	6	
BLRI0336	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/73-01/29/75	1	6	
BLRI0012	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	4	2	
BLRI0015	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/05/68-05/21/69	1	2	
BLRI0016	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/20/79-07/20/79	0	1	
BLRI0039	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/16/73	0	1	
BLRI0041	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/16/73	0	1	
BLRI0045	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/20/68-06/20/68	0	1	
BLRI0052	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/18/73	0	2	
BLRI0053	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-10/14/68	0	16	
BLRI0069	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/18/73	0	2	
BLRI0072	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-09/12/68	0	14	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0073	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/27/74-07/19/79	4	2	
BLRI0089	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/73-09/20/73	0	2	
BLRI0091	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	17	317	
BLRI0106	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/18/69-02/18/69	0	1	
BLRI0115	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/24/68-03/24/68	0	1	
BLRI0119	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/25/79-07/25/79	0	1	
BLRI0137	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/28/68-02/21/73	4	14	
BLRI0179	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/30/68-05/14/73	4	9	
BLRI0198	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-08/08/74	0	2	
BLRI0225	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-03/31/81	7	19	
BLRI0263	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/72-07/18/72	0	2	
BLRI0269	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-04/22/76	2	3	
BLRI0333	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-08/08/74	0	2	
BLRI0015	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/05/68-05/21/69	1	2	
BLRI0045	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/20/68-06/20/68	0	1	
BLRI0053	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/67-10/14/68	0	16	
BLRI0072	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/67-09/12/68	0	14	
BLRI0091	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	14	276	
BLRI0106	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/18/69-02/18/69	0	1	
BLRI0115	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	10	111	
BLRI0137	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/28/68-02/21/73	4	15	
BLRI0179	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/30/68-05/14/73	4	9	
BLRI0225	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/02/79-03/31/81	1	17	
BLRI0246	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/05/70-10/05/70	0	1	
BLRI0262	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/16/70-09/03/71	0	6	
BLRI0263	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/11/72-07/18/72	0	2	
BLRI0012	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/79-07/09/79	0	1	
BLRI0013	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/18/79	4	2	
BLRI0015	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/05/68-05/21/69	1	2	
BLRI0016	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/79-07/18/79	0	1	
BLRI0018	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/18/79	4	2	
BLRI0020	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/20/79	4	2	
BLRI0022	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/10/79-07/10/79	0	1	
BLRI0023	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/20/79-07/20/79	0	1	
BLRI0045	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/20/68-06/20/68	0	1	
BLRI0053	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/67-10/14/68	0	16	
BLRI0072	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/67-09/12/68	0	14	
BLRI0073	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/79-07/23/79	0	1	
BLRI0079	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/27/74-07/19/79	4	2	
BLRI0084	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/74-07/19/79	4	2	
BLRI0087	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/27/74-07/19/79	4	2	
BLRI0091	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	14	316	
BLRI0096	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/25/72-12/27/73	1	4	
BLRI0106	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/18/69-02/18/69	0	1	
BLRI0115	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	10	112	
BLRI0119	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	4	2	
BLRI0126	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	4	2	
BLRI0127	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	4	2	
BLRI0128	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/24/79-07/24/79	0	1	
BLRI0129	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/25/79-07/25/79	0	1	
BLRI0130	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/25/79	4	2	
BLRI0132	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/25/79-07/25/79	0	1	
BLRI0137	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/28/68-02/21/73	4	15	
BLRI0179	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/30/68-05/14/73	4	9	
BLRI0198	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-08/08/74	0	2	
BLRI0225	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-03/31/81	7	19	
BLRI0246	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/10/69-10/05/70	0	4	
BLRI0262	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/70-09/03/71	0	6	
BLRI0263	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/72-07/18/72	0	2	
BLRI0269	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-04/22/76	2	3	
BLRI0333	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-08/08/74	0	2	
BLRI0135	No	70305	SALINITY BASED ON CONDUCTIVITY	03/23/78-03/23/78	0	1	
BLRI0158	No	70305	SALINITY BASED ON CONDUCTIVITY	05/13/74-02/27/78	3	6	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0165	No	70305	SALINITY BASED ON CONDUCTIVITY	05/13/74-06/05/74	0	2	
BLRI0177	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/74-01/23/74	0	1	
BLRI0233	No	70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	0	5	
BLRI0239	No	70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	0	4	
BLRI0243	No	70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	0	12	
BLRI0244	No	70305	SALINITY BASED ON CONDUCTIVITY	04/10/74-04/25/74	0	10	
BLRI0264	No	70305	SALINITY BASED ON CONDUCTIVITY	10/28/74-10/28/74	0	1	
BLRI0295	No	70305	SALINITY BASED ON CONDUCTIVITY	05/02/74-08/13/74	0	3	
BLRI0305	No	70305	SALINITY BASED ON CONDUCTIVITY	08/05/74-08/05/74	0	1	
BLRI0309	No	70305	SALINITY BASED ON CONDUCTIVITY	08/05/74-08/05/74	0	1	
BLRI0329	No	70305	SALINITY BASED ON CONDUCTIVITY	08/18/74-08/19/74	0	2	
BLRI0330	No	70305	SALINITY BASED ON CONDUCTIVITY	08/18/74-08/19/74	0	2	
BLRI0332	No	70305	SALINITY BASED ON CONDUCTIVITY	08/19/74-08/19/74	0	1	
BLRI0141	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	04/01/80-04/01/80	0	1	
BLRI0246	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/06/77-11/06/77	0	1	
BLRI0137	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/22/79-09/22/79	0	1	
BLRI0137	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/22/79-09/22/79	0	1	
BLRI0195	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/21/79-09/21/79	0	2	
BLRI0246	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/22/79-09/22/79	0	1	
BLRI0005	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	8	61	
BLRI0014	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/17/74-03/01/79	4	41	
BLRI0038	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-10/15/74	4	24	
BLRI0043	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	11/20/74-06/18/79	4	46	
BLRI0049	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	8	67	
BLRI0050	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	11/20/74-06/18/79	4	41	
BLRI0055	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	8	64	
BLRI0058	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/06/74-12/02/78	4	41	
BLRI0070	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/23/70-12/02/78	8	59	
BLRI0071	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	8	67	
BLRI0085	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	9	71	
BLRI0090	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	9	76	
BLRI0095	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	08/11/71-06/15/76	4	34	
BLRI0099	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	08/11/71-06/15/76	4	29	
BLRI0100	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/06/74-06/15/76	2	15	
BLRI0104	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-05/02/74	4	15	
BLRI0109	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	4	48	
BLRI0111	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	9	79	
BLRI0112	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	9	80	
BLRI0005	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	8	61	
BLRI0014	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	21	80	
BLRI0017	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/10/92-07/26/95	3	13	
BLRI0030	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/94-08/15/94	0	1	
BLRI0038	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	25	62	
BLRI0043	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/74-06/18/79	4	46	
BLRI0049	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	8	66	
BLRI0050	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/74-06/18/79	4	41	
BLRI0055	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	25	102	
BLRI0056	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-09/11/95	3	40	
BLRI0058	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/74-12/02/78	4	41	
BLRI0061	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-08/09/95	3	39	
BLRI0064	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-08/09/95	3	39	
BLRI0070	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/70-12/02/78	8	59	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0071	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	25	104	
BLRI0085	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	9	70	
BLRI0090	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	9	76	
BLRI0091	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/71-05/15/74	2	65	
BLRI0095	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-09/25/95	24	69	
BLRI0096	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/25/72-12/27/73	1	4	
BLRI0097	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/28/94-06/27/95	0	7	
BLRI0098	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/95-07/13/95	0	1	
BLRI0099	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-06/27/95	23	35	
BLRI0100	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/74-06/15/76	2	15	
BLRI0104	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-05/02/74	4	16	
BLRI0109	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	4	48	
BLRI0111	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	25	116	
BLRI0112	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	25	119	
BLRI0122	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	4	123	
BLRI0124	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	4	123	
BLRI0133	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/10/93-08/10/93	0	1	
BLRI0134	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/76-01/28/81	4	21	
BLRI0135	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/77-01/28/81	4	17	
BLRI0136	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/81-07/26/94	13	52	
BLRI0157	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/04/85-07/14/93	8	28	
BLRI0158	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/77-03/30/81	4	29	
BLRI0161	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	12	118	
BLRI0163	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/86-08/19/91	5	51	
BLRI0164	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/19/87-01/20/88	1	12	
BLRI0165	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/15/76-03/30/81	4	4	
BLRI0196	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/81-06/27/91	10	40	
BLRI0198	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0202	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/30/85-09/30/91	6	22	
BLRI0210	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0211	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0213	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0214	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0221	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0222	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0224	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/86-09/12/91	5	45	
BLRI0225	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/76-01/21/88	11	43	
BLRI0230	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0231	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0236	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0237	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0241	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0242	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0247	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0249	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/85-09/25/91	6	40	
BLRI0250	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	0	1	
BLRI0251	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/28/85-09/16/91	6	16	
BLRI0253	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/87-01/18/87	0	3	
BLRI0269	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/08/74-03/10/78	3	4	
BLRI0306	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	0	1	
BLRI0308	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	0	1	
BLRI0315	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	0	1	
BLRI0316	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	0	1	
BLRI0333	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	0	2	
BLRI0325	No	70508	ACIDITY, TOTAL, HOT (MG/L AS CaCO3)	12/02/81-12/02/81	0	1	
BLRI0163	No	70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	06/27/86-10/30/86	0	5	
BLRI0224	No	70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	03/27/86-09/30/86	0	6	
BLRI0115	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/78-02/21/79	0	20	
BLRI0115	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/78-02/21/79	0	20	
BLRI0066	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/06/84-09/06/84	0	3	
BLRI0204	No	71825	ACIDITY, TOTAL (MG/L AS H)	11/20/86-11/20/86	0	4	
BLRI0206	No	71825	ACIDITY, TOTAL (MG/L AS H)	11/20/86-11/20/86	0	5	
BLRI0011	No	71835	OXYGEN CONSUMED, FILTERED MG/L	09/04/30-09/04/30	0	1	
BLRI0115	No	71835	OXYGEN CONSUMED, FILTERED MG/L	04/10/29-03/21/30	0	35	
BLRI0011	No	71840	OXYGEN CONSUMED, UNFILTERED MG/L	09/04/30-09/04/30	0	1	
BLRI0115	No	71840	OXYGEN CONSUMED, UNFILTERED MG/L	04/20/29-03/21/30	0	34	
BLRI0225	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	11/02/79-08/22/80	0	9	
BLRI0322	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	0	1	
BLRI0325	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	0	1	
BLRI0326	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	0	1	
BLRI0096	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/11/73-12/27/73	0	2	
BLRI0154	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/22/84-11/25/86	2	10	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0198	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/03/77-03/10/78	0	2	
BLRI0225	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/22/76-03/31/81	4	24	
BLRI0263	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/11/72-07/18/72	0	2	
BLRI0269	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/08/74-03/10/78	3	4	
BLRI0303	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/16/84-12/03/86	2	11	
BLRI0333	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/03/77-03/10/78	0	2	
BLRI0073	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/20/56-09/20/56	0	1	
BLRI0137	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/12/55-07/24/62	7	8	
BLRI0179	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/23/56-10/10/57	0	3	
BLRI0195	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/10/57-04/19/62	4	8	
BLRI0220	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/06/57-04/04/58	0	2	
BLRI0225	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/02/56-05/04/62	5	10	
BLRI0246	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/06/57-05/04/62	4	8	
BLRI0263	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/17/56-09/14/62	5	50	
BLRI0312	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/10/54-05/04/61	6	9	
BLRI0322	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/26/82-03/26/82	0	1	
BLRI0325	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/26/82-03/26/82	0	1	
BLRI0326	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	03/26/82-03/26/82	0	1	
BLRI0002	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/28/86-04/11/86	0	2	
BLRI0003	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/28/86-04/11/86	0	2	
BLRI0011	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/04/30-09/04/30	0	1	
BLRI0012	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	4	2	
BLRI0015	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/29/54-05/21/69	14	3	
BLRI0016	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/79-07/20/79	0	1	
BLRI0033	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/17/86	0	2	
BLRI0034	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-03/31/86	0	1	
BLRI0036	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/17/86	0	2	
BLRI0037	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/15/86	0	2	
BLRI0045	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/07/52-06/20/68	15	4	
BLRI0053	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/67-10/14/68	0	16	
BLRI0060	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/45-05/07/45	0	1	
BLRI0072	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/67-09/12/68	0	14	
BLRI0073	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/74-07/19/79	4	2	
BLRI0091	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	14	287	
BLRI0096	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/12/73-12/27/73	0	3	
BLRI0106	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/45-02/18/69	23	8	
BLRI0115	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/01/29-03/24/68	38	53	
BLRI0119	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/71-07/25/79	7	2	
BLRI0130	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/79-07/25/79	0	1	
BLRI0137	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/28/68-02/21/73	4	11	
BLRI0147	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	0	1	
BLRI0150	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	0	1	
BLRI0151	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	0	1	
BLRI0153	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	0	1	
BLRI0154	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-11/25/86	4	11	
BLRI0155	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/86-05/07/86	0	1	
BLRI0159	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/82-05/05/83	0	2	
BLRI0160	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/86-05/07/86	0	1	
BLRI0179	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/68-03/27/73	4	8	
BLRI0182	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/20/85-07/10/85	0	4	
BLRI0193	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/10/85-07/10/85	0	1	
BLRI0197	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/16/85-07/16/85	0	1	
BLRI0212	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	0	1	
BLRI0216	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/03/83-05/03/83	0	1	
BLRI0229	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/85-07/02/85	0	2	
BLRI0246	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/26/70-01/26/70	0	1	
BLRI0258	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	0	1	
BLRI0263	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/09/61-07/18/72	10	3	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0288	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/85-06/30/85	0	2	
BLRI0293	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/85-06/30/85	0	2	
BLRI0300	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/26/85-07/15/85	0	4	
BLRI0302	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/85-07/15/85	0	1	
BLRI0303	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/83-12/03/86	3	13	
BLRI0304	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/25/84-11/25/84	0	1	
BLRI0318	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/26/85-07/09/85	0	4	
BLRI0319	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/85-07/09/85	0	1	
BLRI0324	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/22/85-07/16/85	0	2	
BLRI0327	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/85-07/16/85	0	4	
BLRI0012	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/20/79	4	2	
BLRI0022	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/20/79-07/20/79	0	1	
BLRI0073	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/23/79-07/23/79	0	1	
BLRI0079	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/27/74-07/19/79	4	2	
BLRI0091	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	8	94	
BLRI0096	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/11/73-12/27/73	0	2	
BLRI0119	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/25/79-07/25/79	0	1	
BLRI0130	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/25/79-07/25/79	0	1	
BLRI0246	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/26/70-01/26/70	0	1	
BLRI0263	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/11/72-07/18/72	0	2	
BLRI0201	No	71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	0	1	
BLRI0203	No	71870	BROMIDE (MG/L AS BR)	09/29/86-09/29/86	0	1	
BLRI0204	No	71870	BROMIDE (MG/L AS BR)	09/29/86-11/20/86	0	5	
BLRI0205	No	71870	BROMIDE (MG/L AS BR)	09/29/86-09/29/86	0	1	
BLRI0206	No	71870	BROMIDE (MG/L AS BR)	09/29/86-11/20/86	0	6	
BLRI0207	No	71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	0	1	
BLRI0208	No	71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	0	1	
BLRI0135	No	71880	FORMALDEHYDE (MG/L)	07/18/73-07/18/73	0	1	
BLRI0140	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0142	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0143	Yes	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0144	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0145	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0146	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0148	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0149	No	71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	0	1	
BLRI0002	No	71885	IRON (UG/L AS FE)	03/28/86-04/11/86	0	2	
BLRI0003	No	71885	IRON (UG/L AS FE)	03/28/86-04/11/86	0	2	
BLRI0011	No	71885	IRON (UG/L AS FE)	09/04/30-09/04/30	0	1	
BLRI0015	No	71885	IRON (UG/L AS FE)	11/29/54-11/29/54	0	1	
BLRI0033	No	71885	IRON (UG/L AS FE)	03/31/86-04/17/86	0	2	
BLRI0034	No	71885	IRON (UG/L AS FE)	03/31/86-03/31/86	0	1	
BLRI0036	No	71885	IRON (UG/L AS FE)	03/31/86-04/17/86	0	2	
BLRI0037	No	71885	IRON (UG/L AS FE)	03/31/86-04/15/86	0	2	
BLRI0045	No	71885	IRON (UG/L AS FE)	10/07/52-06/20/68	15	4	
BLRI0053	No	71885	IRON (UG/L AS FE)	10/17/67-09/12/68	0	14	
BLRI0060	No	71885	IRON (UG/L AS FE)	05/07/45-05/07/45	0	1	
BLRI0072	No	71885	IRON (UG/L AS FE)	10/17/67-09/12/68	0	14	
BLRI0106	No	71885	IRON (UG/L AS FE)	09/05/45-01/04/56	10	7	
BLRI0115	No	71885	IRON (UG/L AS FE)	04/01/29-03/24/68	38	53	
BLRI0147	No	71885	IRON (UG/L AS FE)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	71885	IRON (UG/L AS FE)	11/21/84-11/21/84	0	1	
BLRI0156	Yes	71885	IRON (UG/L AS FE)	05/07/86-05/07/86	0	1	
BLRI0160	No	71885	IRON (UG/L AS FE)	05/07/86-05/07/86	0	1	
BLRI0182	No	71885	IRON (UG/L AS FE)	03/20/85-07/10/85	0	4	
BLRI0193	No	71885	IRON (UG/L AS FE)	07/10/85-07/10/85	0	1	
BLRI0197	No	71885	IRON (UG/L AS FE)	07/16/85-07/16/85	0	1	
BLRI0212	No	71885	IRON (UG/L AS FE)	11/21/84-11/21/84	0	1	
BLRI0229	No	71885	IRON (UG/L AS FE)	04/30/85-07/02/85	0	2	
BLRI0258	No	71885	IRON (UG/L AS FE)	11/21/84-11/21/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0263	Yes	71885	IRON (UG/L AS FE)	10/09/61-10/09/61	0	1	
BLRI0288	No	71885	IRON (UG/L AS FE)	04/28/85-06/30/85	0	2	
BLRI0293	No	71885	IRON (UG/L AS FE)	04/28/85-06/30/85	0	2	
BLRI0300	No	71885	IRON (UG/L AS FE)	03/26/85-07/15/85	0	4	
BLRI0302	No	71885	IRON (UG/L AS FE)	07/15/85-07/15/85	0	1	
BLRI0304	No	71885	IRON (UG/L AS FE)	11/25/84-11/25/84	0	1	
BLRI0318	No	71885	IRON (UG/L AS FE)	03/26/85-07/09/85	0	4	
BLRI0319	No	71885	IRON (UG/L AS FE)	07/09/85-07/09/85	0	1	
BLRI0324	No	71885	IRON (UG/L AS FE)	04/22/85-07/16/85	0	2	
BLRI0327	No	71885	IRON (UG/L AS FE)	03/25/85-07/16/85	0	4	
BLRI0004	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/17/73	0	4	
BLRI0008	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	0	2	
BLRI0010	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/16/73	0	4	
BLRI0198	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	0	1	
BLRI0225	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/31/81	3	27	
BLRI0269	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	0	1	
BLRI0333	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	0	1	
BLRI0115	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	4	117	
BLRI0164	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/19/87-01/20/88	1	8	
BLRI0198	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/03/77-03/10/78	0	2	
BLRI0225	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/22/76-01/20/88	11	28	
BLRI0269	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/08/74-03/10/78	3	4	
BLRI0333	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/03/77-03/10/78	0	2	
BLRI0013	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	0	1	
BLRI0016	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	0	1	
BLRI0020	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/20/79-07/20/79	0	1	
BLRI0073	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/23/79-07/23/79	0	1	
BLRI0126	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	0	1	
BLRI0127	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	0	1	
BLRI0130	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/25/79-07/25/79	0	1	
BLRI0225	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/02/79-11/02/79	0	1	
BLRI0225	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	11/02/79-11/02/79	0	1	
BLRI0001	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-05/01/79	0	1	
BLRI0004	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-02/13/73	0	2	
BLRI0005	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-08/29/78	7	24	
BLRI0010	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-02/13/73	0	2	
BLRI0014	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/74-07/14/82	7	8	
BLRI0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/17/89-08/15/94	5	4	
BLRI0038	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	21	26	
BLRI0039	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	0	2	
BLRI0041	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	0	2	
BLRI0042	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/22/88-06/01/94	5	6	
BLRI0043	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/74-06/18/79	4	11	
BLRI0048	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/22/88-06/01/94	5	6	
BLRI0049	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-12/02/78	8	28	
BLRI0050	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/74-06/18/79	4	10	
BLRI0052	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	0	2	
BLRI0055	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	21	35	
BLRI0058	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/08/75-08/01/78	3	7	
BLRI0061	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/20/82-07/20/82	0	1	
BLRI0069	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	0	2	
BLRI0070	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-08/01/78	7	19	
BLRI0071	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/20/82	11	29	
BLRI0085	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/13/70-06/11/79	8	25	
BLRI0089	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/20/73	0	2	
BLRI0090	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-06/07/79	8	25	
BLRI0094	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/02/79-05/02/79	0	1	
BLRI0095	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-06/25/92	20	22	
BLRI0097	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/25/83-10/04/94	11	52	
BLRI0098	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/95-07/13/95	0	2	
BLRI0099	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-10/04/94	23	61	
BLRI0100	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/17/74-06/15/76	1	3	
BLRI0102	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/17/81-09/09/87	6	18	
BLRI0104	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-05/18/83	12	26	
BLRI0109	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/30/74-06/07/79	4	10	
BLRI0110	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/30/82-09/29/92	10	18	
BLRI0111	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	21	52	
BLRI0112	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	21	40	
BLRI0113	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/23/82-09/29/92	10	18	
BLRI0116	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/22/89-05/22/89	0	1	
BLRI0117	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/09/82-05/24/83	0	54	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0133	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/10/93-08/10/93	0	2	
BLRI0134	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/07/74-01/28/81	6	22	
BLRI0135	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/10/70-01/28/81	10	16	
BLRI0136	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/81-12/19/94	13	56	
BLRI0137	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/10/70-06/30/71	0	2	
BLRI0140	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0141	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/01/80-04/01/80	0	1	
BLRI0142	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0143	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0144	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0145	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0146	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0148	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0149	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	0	1	
BLRI0157	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/08/85-12/20/94	9	46	
BLRI0158	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/13/74-03/30/81	6	18	
BLRI0161	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	15	96	
BLRI0163	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/15/86-06/11/91	5	27	
BLRI0164	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/19/87-01/20/88	1	9	
BLRI0165	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-03/30/81	10	11	
BLRI0166	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0167	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0168	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0169	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/26/70-08/10/72	1	2	
BLRI0170	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0171	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0172	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	1	2	
BLRI0173	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-01/13/71	0	1	
BLRI0177	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-01/13/71	0	1	
BLRI0180	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-06/27/74	3	2	
BLRI0181	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/10/75-08/11/75	0	3	
BLRI0184	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/10/72-08/10/72	0	1	
BLRI0196	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/14/71-12/15/94	23	80	
BLRI0198	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/77-03/10/78	0	2	
BLRI0202	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/85-12/15/94	9	54	
BLRI0215	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/31/90	0	1	
BLRI0217	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/12/73-07/25/74	1	3	
BLRI0218	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/09/70-10/09/70	0	1	
BLRI0223	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/27/92	1	2	
BLRI0224	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/86-12/13/94	8	64	
BLRI0225	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/26/76-01/21/88	11	16	
BLRI0232	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/31/90	0	1	
BLRI0233	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	0	5	
BLRI0238	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	1	2	
BLRI0239	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	0	5	
BLRI0240	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	1	2	
BLRI0243	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	0	6	
BLRI0244	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/10/74-04/25/74	0	4	
BLRI0245	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/27/70-11/16/76	6	7	
BLRI0248	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	1	2	
BLRI0249	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	9	63	
BLRI0251	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	9	62	
BLRI0252	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/28/70-11/16/76	6	6	
BLRI0259	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/27/70-10/27/70	0	2	
BLRI0261	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/07/70-12/07/70	0	1	
BLRI0265	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/07/70-12/07/70	0	1	
BLRI0266	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/18/75-08/06/80	4	8	
BLRI0269	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/26/76-03/10/78	1	3	
BLRI0295	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/02/74-05/05/75	1	3	
BLRI0301	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/24/91-10/17/94	2	36	
BLRI0310	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/29/70-10/29/70	0	1	
BLRI0311	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/16/70-02/16/71	0	3	
BLRI0314	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/90-08/03/92	2	2	
BLRI0317	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/29/70-10/29/70	0	1	
BLRI0322	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	0	1	
BLRI0325	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	0	1	
BLRI0326	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	0	1	
BLRI0333	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/77-03/10/78	0	2	
BLRI0335	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/08/70-12/08/70	0	1	
BLRI0336	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/08/70-12/08/70	0	1	
BLRI0014	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/79-07/01/91	11	3	
BLRI0017	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/10/92-06/10/92	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0019	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/14/90-08/14/90	0	2	
BLRI0030	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/17/89-08/15/94	5	3	
BLRI0038	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/79-04/11/95	15	10	
BLRI0042	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/05/89-06/19/95	6	6	
BLRI0046	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/14/92-06/03/92	0	2	
BLRI0047	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/14/92-06/11/92	0	5	
BLRI0048	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/05/89-06/19/95	6	5	
BLRI0055	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/79-04/11/95	15	11	
BLRI0056	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/91-07/10/91	0	1	
BLRI0057	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/03/92-06/10/92	0	4	
BLRI0061	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/08/79-07/10/91	11	3	
BLRI0071	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/08/79-07/10/91	11	4	
BLRI0078	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/06/91-08/06/91	0	1	
BLRI0085	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/03/93-05/15/95	1	2	
BLRI0093	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/05/95-04/05/95	0	1	
BLRI0095	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-06/25/92	11	4	
BLRI0097	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/12/83-06/28/94	10	6	
BLRI0098	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/90-07/30/90	0	1	
BLRI0099	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/76-06/28/94	18	7	
BLRI0102	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-06/22/95	14	5	
BLRI0107	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/02/87-06/02/87	0	2	
BLRI0110	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/01/90-12/14/93	3	4	
BLRI0111	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-04/10/95	13	9	
BLRI0112	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-04/10/95	13	9	
BLRI0113	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/01/90-06/25/92	2	2	
BLRI0116	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/22/89-05/22/89	0	1	
BLRI0133	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/10/93-08/10/93	0	1	
BLRI0141	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/80-04/01/80	0	1	
BLRI0161	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/81-11/30/84	3	4	
BLRI0163	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/27/86-10/30/86	0	5	
BLRI0196	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/85-08/15/85	0	1	
BLRI0224	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/27/86-09/30/86	0	6	
BLRI0245	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/27/70-10/27/70	0	2	
BLRI0249	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/14/85-08/14/85	0	1	
BLRI0252	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/28/70-10/28/70	0	1	
BLRI0259	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/27/70-10/27/70	0	2	
BLRI0071	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0161	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0163	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	0	2	
BLRI0224	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/85-10/20/87	2	4	
BLRI0066	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	09/06/84-09/06/84	0	2	
BLRI0071	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0141	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	0	1	
BLRI0161	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0163	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	0	2	
BLRI0224	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	2	4	
BLRI0071	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0141	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	0	1	
BLRI0161	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0163	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	0	2	
BLRI0224	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	2	4	
BLRI0071	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0141	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	0	1	
BLRI0161	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0224	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/14/85	0	1	
BLRI0071	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0141	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	0	1	
BLRI0161	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0163	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	0	2	
BLRI0224	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	2	4	
BLRI0071	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/26/90-06/26/90	0	3	
BLRI0141	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/15/80-09/15/80	0	1	
BLRI0161	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	02/25/82-07/27/82	0	2	
BLRI0163	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	0	2	
BLRI0224	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/85-10/20/87	2	4	
BLRI0128	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/24/79-07/24/79	0	1	
BLRI0137	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/12/55-07/24/62	7	8	
BLRI0179	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/23/56-10/10/57	0	3	
BLRI0195	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/10/57-04/19/62	4	8	
BLRI0220	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/06/57-04/04/58	0	2	
BLRI0225	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/02/56-05/04/62	5	10	
BLRI0246	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/06/57-05/04/62	4	8	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0263	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/17/56-09/14/62	5	50	
BLRI0312	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/10/54-05/04/61	6	9	
BLRI0128	Yes	72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/24/79-07/24/79	0	1	
BLRI0128	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/24/79-07/24/79	0	1	
BLRI0002	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/28/86-04/11/86	0	2	
BLRI0003	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/28/86-04/11/86	0	2	
BLRI0033	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/17/86	0	2	
BLRI0034	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-03/31/86	0	1	
BLRI0036	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/17/86	0	2	
BLRI0037	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/15/86	0	2	
BLRI0147	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	0	1	
BLRI0155	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	0	1	
BLRI0156	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/07/86-05/07/86	0	1	
BLRI0160	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/07/86-05/07/86	0	1	
BLRI0182	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/20/85-07/10/85	0	4	
BLRI0193	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/10/85-07/10/85	0	1	
BLRI0197	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/16/85-07/16/85	0	1	
BLRI0212	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	0	1	
BLRI0229	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/30/85-07/02/85	0	2	
BLRI0258	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	0	1	
BLRI0288	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/28/85-06/30/85	0	2	
BLRI0293	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/28/85-06/30/85	0	2	
BLRI0300	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/26/85-07/15/85	0	4	
BLRI0302	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/15/85-07/15/85	0	1	
BLRI0304	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/25/84-11/25/84	0	1	
BLRI0318	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/26/85-07/09/85	0	4	
BLRI0319	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/09/85-07/09/85	0	1	
BLRI0324	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/22/85-07/16/85	0	2	
BLRI0327	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/85-07/16/85	0	4	
BLRI0134	No	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	01/27/77-06/29/77	0	5	
BLRI0135	No	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	01/27/77-08/08/77	0	4	
BLRI0158	No	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	02/03/77-02/03/77	0	1	
BLRI0141	No	74010	IRON, TOTAL (MG/L AS FE)	04/01/80-04/01/80	0	1	
BLRI0014	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/01/91-07/01/91	0	1	
BLRI0017	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	08/26/92-08/26/92	0	1	
BLRI0019	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	08/14/90-08/14/90	0	2	
BLRI0030	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/21/92-04/11/95	2	3	
BLRI0042	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	09/10/92-06/19/95	2	3	
BLRI0048	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/21/92-04/11/95	2	3	
BLRI0056	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/10/91-07/10/91	0	1	
BLRI0061	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/10/91-07/10/91	0	1	
BLRI0071	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/26/90-07/10/91	1	2	
BLRI0078	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	08/06/91-08/06/91	0	1	
BLRI0085	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	04/05/95-04/05/95	0	1	
BLRI0097	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/28/94-06/28/94	0	1	
BLRI0098	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/30/90-07/13/95	4	2	
BLRI0099	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/28/94-06/28/94	0	1	
BLRI0102	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/22/95-06/22/95	0	1	
BLRI0110	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/28/92-04/10/95	2	3	
BLRI0112	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/28/92-04/10/95	2	3	
BLRI0133	No	75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	08/10/93-08/10/93	0	1	
BLRI0107	No	75212	BENZYL ALCOHOL SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	75315	BENZOIC ACID SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	75647	DIBENZOFURAN SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	0	2	
BLRI0200	No	77063	BUTANOIC ACID (BUTYRIC ACID) WHOLE WATER, UG/L	09/19/83-09/19/83	0	1	
BLRI0030	No	77825	ALACHLOR WHOLE WATER, UG/L	08/15/94-08/15/94	0	2	
BLRI0038	No	77825	ALACHLOR WHOLE WATER, UG/L	07/11/85-07/11/85	0	1	
BLRI0055	No	77825	ALACHLOR WHOLE WATER, UG/L	07/11/85-07/11/85	0	1	
BLRI0095	No	77825	ALACHLOR WHOLE WATER, UG/L	10/22/84-10/22/84	0	1	
BLRI0098	No	77825	ALACHLOR WHOLE WATER, UG/L	07/13/95-07/13/95	0	2	
BLRI0102	No	77825	ALACHLOR WHOLE WATER, UG/L	10/22/84-10/22/84	0	1	
BLRI0111	No	77825	ALACHLOR WHOLE WATER, UG/L	10/22/84-10/22/84	0	1	
BLRI0112	No	77825	ALACHLOR WHOLE WATER, UG/L	10/22/84-10/22/84	0	1	
BLRI0133	No	77825	ALACHLOR WHOLE WATER, UG/L	08/10/93-08/10/93	0	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0107	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78545	CHLORDENE, ALPHA, IN SEDIMENT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78546	CHLORDENE, GAMMA, IN SEDIMENT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78828	BENZO(GH)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	0	2	
BLRI0141	No	79004	BUTANAL IN FISH UG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	79009	HEXANAL IN FISH UG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	79018	PENTANAL IN FISH UG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	79019	PROPANAL IN FISH UG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	79020	SODIUM IN FISH UG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/26/90-06/26/90	0	3	
BLRI0071	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	06/26/90-06/26/90	0	3	
BLRI0014	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/01/91-07/01/91	0	1	
BLRI0017	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	08/26/92-08/26/92	0	1	
BLRI0019	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	08/14/90-08/14/90	0	1	
BLRI0030	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	08/15/94-08/15/94	0	1	
BLRI0038	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/21/92-04/11/95	2	3	
BLRI0042	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	09/10/92-06/19/95	2	3	
BLRI0048	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/01/94-06/19/95	1	2	
BLRI0055	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/21/92-04/11/95	2	3	
BLRI0056	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/10/91-07/10/91	0	1	
BLRI0061	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/10/91-07/10/91	0	1	
BLRI0071	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/26/90-07/10/91	1	2	
BLRI0078	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	08/06/91-08/06/91	0	1	
BLRI0085	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	11/03/93-05/15/95	1	2	
BLRI0093	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	04/05/95-04/05/95	0	1	
BLRI0097	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/28/94-06/28/94	0	1	
BLRI0098	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/30/90-07/13/95	4	2	
BLRI0099	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/28/94-06/28/94	0	1	
BLRI0102	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/22/95-06/22/95	0	1	
BLRI0110	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	10/28/92-12/14/93	1	2	
BLRI0111	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/28/92-04/10/95	2	3	
BLRI0112	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/28/92-04/10/95	2	3	
BLRI0133	No	79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	08/10/93-08/10/93	0	1	
BLRI0091	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/15/74-10/21/76	2	4	
BLRI0115	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	4	113	
BLRI0137	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/77-09/22/79	2	27	
BLRI0164	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/86-08/24/88	2	82	
BLRI0195	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/77-01/04/82	4	44	
BLRI0198	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/77-03/10/78	0	2	
BLRI0219	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/05/77-08/29/77	0	5	
BLRI0225	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/30/88	11	84	
BLRI0235	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/06/86-01/19/88	1	31	
BLRI0246	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/04/77-11/26/79	2	32	
BLRI0254	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/05/86-11/10/87	1	48	
BLRI0257	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/05/86-11/09/87	1	47	
BLRI0263	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/77-11/26/79	2	26	
BLRI0269	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/07/78	1	3	
BLRI0333	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/77-03/10/78	0	2	
BLRI0115	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	4	107	
BLRI0137	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/77-09/22/79	2	27	
BLRI0164	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/18/87-08/18/87	0	1	
BLRI0195	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/77-01/04/82	4	43	
BLRI0219	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/05/77-08/29/77	0	5	
BLRI0225	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/79-01/21/88	8	48	
BLRI0246	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/04/77-11/26/79	2	32	
BLRI0263	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/77-11/26/79	2	26	
BLRI0002	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/28/86-04/11/86	0	2	
BLRI0003	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/28/86-04/11/86	0	2	
BLRI0033	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/31/86-04/17/86	0	2	
BLRI0034	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/31/86-03/31/86	0	1	
BLRI0036	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/31/86-04/17/86	0	2	
BLRI0037	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/31/86-04/15/86	0	2	
BLRI0147	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	11/21/84-11/21/84	0	1	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0156	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	05/07/86-05/07/86	0	1	
BLRI0160	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	05/07/86-05/07/86	0	1	
BLRI0182	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/20/85-07/10/85	0	4	
BLRI0193	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	07/10/85-07/10/85	0	1	
BLRI0197	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	07/16/85-07/16/85	0	1	
BLRI0212	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	11/21/84-11/21/84	0	1	
BLRI0229	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/30/85-07/02/85	0	2	
BLRI0258	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	11/21/84-11/21/84	0	1	
BLRI0288	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/28/85-06/30/85	0	2	
BLRI0293	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/28/85-06/30/85	0	2	
BLRI0300	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/26/85-07/15/85	0	4	
BLRI0302	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	07/15/85-07/15/85	0	1	
BLRI0304	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	11/25/84-11/25/84	0	1	
BLRI0318	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/26/85-07/09/85	0	4	
BLRI0319	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	07/09/85-07/09/85	0	1	
BLRI0324	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/22/85-07/16/85	0	2	
BLRI0327	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	03/25/85-07/16/85	0	4	
BLRI0098	No	81281	KEPONE(C10CL100) WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	0	2	
BLRI0071	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/26/90-06/26/90	0	3	
BLRI0141	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/15/80-09/15/80	0	1	
BLRI0071	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/26/90-06/26/90	0	3	
BLRI0071	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/26/90-06/26/90	0	3	
BLRI0134	No	81647	REFERENCE POINT READING(LINEAR FEET)	10/24/78-01/28/81	2	21	
BLRI0157	No	81647	REFERENCE POINT READING(LINEAR FEET)	09/12/81-01/08/92	10	25	
BLRI0158	No	81647	REFERENCE POINT READING(LINEAR FEET)	11/16/78-03/30/81	2	23	
BLRI0161	No	81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	13	129	
BLRI0165	No	81647	REFERENCE POINT READING(LINEAR FEET)	03/12/80-03/30/81	1	11	
BLRI0202	No	81647	REFERENCE POINT READING(LINEAR FEET)	03/29/85-10/20/92	7	50	
BLRI0301	No	81647	REFERENCE POINT READING(LINEAR FEET)	07/27/93-03/14/94	0	7	
BLRI0141	No	81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	81656	MAGNESIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0161	No	81656	MAGNESIUM IN FISH TISSUE WET WEIGHT MG/KG	02/25/82-07/27/82	0	2	
BLRI0141	No	81658	BARIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	81659	COBALT IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	81662	MOLYBDENUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0141	No	81665	VANADIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0161	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	02/25/82-02/25/82	0	1	
BLRI0141	No	81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	0	1	
BLRI0071	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/26/90-06/26/90	0	3	
BLRI0141	No	81763	1-HYDROXYCHLORDENE IN SEDIMENTS DRY WEIGHT UG/KG	04/01/80-04/01/80	0	1	
BLRI0071	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	06/26/90-06/26/90	0	3	
BLRI0164	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/18/87-06/02/88	0	3	
BLRI0225	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/18/87-06/01/88	0	3	
BLRI0071	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	0	3	
BLRI0071	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	0	3	
BLRI0042	No	82032	CALCIUM - TOTAL UG/L (AS CA)	09/10/92-09/10/92	0	1	
BLRI0048	No	82032	CALCIUM - TOTAL UG/L (AS CA)	09/10/92-09/10/92	0	1	
BLRI0055	No	82032	CALCIUM - TOTAL UG/L (AS CA)	07/21/92-07/21/92	0	1	
BLRI0095	No	82032	CALCIUM - TOTAL UG/L (AS CA)	07/28/92-07/28/92	0	1	
BLRI0110	No	82032	CALCIUM - TOTAL UG/L (AS CA)	09/29/92-09/29/92	0	1	
BLRI0111	No	82032	CALCIUM - TOTAL UG/L (AS CA)	06/25/92-07/28/92	0	2	
BLRI0112	No	82032	CALCIUM - TOTAL UG/L (AS CA)	07/28/92-07/28/92	0	1	
BLRI0113	No	82032	CALCIUM - TOTAL UG/L (AS CA)	09/29/92-09/29/92	0	1	
BLRI0116	No	82032	CALCIUM - TOTAL UG/L (AS CA)	08/27/92-08/27/92	0	1	
BLRI0111	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	06/25/92-06/25/92	0	1	
BLRI0147	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	0	1	
BLRI0155	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	0	1	
BLRI0212	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	0	1	
BLRI0258	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	0	1	
BLRI0304	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/25/84-11/25/84	0	1	
BLRI0200	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	09/19/83-09/19/83	0	1	
BLRI0091	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/07/81-07/22/81	0	5	
BLRI0225	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/10/81-03/31/81	0	10	
BLRI0014	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/19/92-06/08/94	2	26	
BLRI0017	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	06/10/92-06/23/94	2	8	
BLRI0038	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/92-06/29/94	1	24	
BLRI0055	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/92-06/29/94	1	24	
BLRI0056	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	2	25	
BLRI0061	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	2	25	
BLRI0064	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	2	25	
BLRI0071	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	2	25	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0095	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	07/28/92-06/23/94	1	23	
BLRI0097	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	06/28/94-06/28/94	0	2	
BLRI0099	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	06/28/94-06/28/94	0	2	
BLRI0111	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	07/28/92-06/23/94	1	24	
BLRI0112	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	07/28/92-06/23/94	1	24	
BLRI0122	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	07/15/92-06/27/94	1	59	
BLRI0124	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	07/15/92-06/27/94	1	60	
BLRI0133	No	82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	08/10/93-08/10/93	0	1	
BLRI0002	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/28/86-04/11/86	0	2	
BLRI0003	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/28/86-04/11/86	0	2	
BLRI0033	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/17/86	0	2	
BLRI0034	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-03/31/86	0	1	
BLRI0036	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/17/86	0	2	
BLRI0037	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/15/86	0	2	
BLRI0147	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	0	1	
BLRI0155	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	0	1	
BLRI0156	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/07/86-05/07/86	0	1	
BLRI0160	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/07/86-05/07/86	0	1	
BLRI0182	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/20/85-07/10/85	0	4	
BLRI0193	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/10/85-07/10/85	0	1	
BLRI0197	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/16/85-07/16/85	0	1	
BLRI0212	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	0	1	
BLRI0229	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/30/85-07/02/85	0	2	
BLRI0258	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	0	1	
BLRI0288	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/28/85-06/30/85	0	2	
BLRI0293	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/28/85-06/30/85	0	2	
BLRI0300	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/26/85-07/15/85	0	4	
BLRI0302	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/15/85-07/15/85	0	1	
BLRI0304	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/25/84-11/25/84	0	1	
BLRI0318	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/26/85-07/09/85	0	4	
BLRI0319	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/85-07/09/85	0	1	
BLRI0324	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/85-07/16/85	0	2	
BLRI0327	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/85-07/16/85	0	4	
BLRI0249	No	82243	ACIDITY, MINERAL (METHYLORANGE)ASCACO3 (FLDDATA)MG/L	09/30/88-09/30/88	0	1	
BLRI0136	No	82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	07/21/83-07/21/83	0	1	
BLRI0163	No	82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	08/19/88-09/27/88	0	2	
BLRI0224	No	82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	06/30/88-09/30/88	0	3	
BLRI0249	No	82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	07/31/89-07/31/89	0	1	
BLRI0150	No	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	0	1	
BLRI0151	Yes	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	0	1	
BLRI0153	No	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	0	1	
BLRI0154	Yes	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-11/25/86	4	11	
BLRI0159	No	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/28/82-05/05/83	0	2	
BLRI0216	No	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	05/03/83-05/03/83	0	1	
BLRI0303	No	82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	04/21/83-12/03/86	3	13	
BLRI0091	No	82398	SAMPLING METHOD (CODES)	12/05/83-05/16/86	2	7	
BLRI0115	No	82398	SAMPLING METHOD (CODES)	01/14/75-01/14/75	0	1	
BLRI0225	No	82398	SAMPLING METHOD (CODES)	10/17/79-07/21/80	0	3	
BLRI0107	No	82427	POTASSIUM, DISSOLVED FROM DRY DEPOSITION MG/KG	06/02/87-06/02/87	0	2	
BLRI0107	No	82557	ENDRIN KEYTONE IN BOTTOM DEPOSITS SEDDRYWGTMG/KG	06/02/87-06/02/87	0	2	
BLRI0002	No	83509	STREAM, WIDTH METER	03/28/86-04/11/86	0	2	
BLRI0003	No	83509	STREAM, WIDTH METER	03/28/86-04/11/86	0	2	
BLRI0033	No	83509	STREAM, WIDTH METER	03/31/86-04/17/86	0	2	
BLRI0034	No	83509	STREAM, WIDTH METER	03/31/86-03/31/86	0	1	
BLRI0036	No	83509	STREAM, WIDTH METER	03/31/86-04/17/86	0	2	
BLRI0037	No	83509	STREAM, WIDTH METER	03/31/86-04/15/86	0	2	
BLRI0156	Yes	83509	STREAM, WIDTH METER	05/07/86-05/07/86	0	1	
BLRI0160	No	83509	STREAM, WIDTH METER	05/07/86-05/07/86	0	1	
BLRI0182	No	83509	STREAM, WIDTH METER	03/20/85-07/10/85	0	4	
BLRI0193	No	83509	STREAM, WIDTH METER	07/10/85-07/10/85	0	1	
BLRI0197	No	83509	STREAM, WIDTH METER	07/16/85-07/16/85	0	1	
BLRI0229	No	83509	STREAM, WIDTH METER	04/30/85-07/02/85	0	2	
BLRI0288	No	83509	STREAM, WIDTH METER	04/28/85-06/30/85	0	2	
BLRI0293	No	83509	STREAM, WIDTH METER	04/28/85-06/30/85	0	2	
BLRI0300	No	83509	STREAM, WIDTH METER	03/26/85-07/15/85	0	4	
BLRI0302	No	83509	STREAM, WIDTH METER	07/15/85-07/15/85	0	1	
BLRI0318	No	83509	STREAM, WIDTH METER	03/26/85-07/09/85	0	4	
BLRI0319	No	83509	STREAM, WIDTH METER	07/09/85-07/09/85	0	1	
BLRI0324	No	83509	STREAM, WIDTH METER	04/22/85-07/16/85	0	2	
BLRI0327	No	83509	STREAM, WIDTH METER	03/25/85-07/16/85	0	4	
BLRI0012	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 04/01/29 To 10/19/95**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
BLRI0016	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/26/74-09/26/74	0	1	
BLRI0022	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/20/79-07/20/79	0	1	
BLRI0073	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/27/74-07/19/79	4	2	
BLRI0119	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/25/79-07/25/79	0	1	
BLRI0012	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/09/79-07/09/79	0	1	
BLRI0013	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	
BLRI0016	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	
BLRI0018	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/26/74-07/18/79	4	2	
BLRI0020	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/26/74-09/26/74	0	1	
BLRI0022	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/10/79-07/10/79	0	1	
BLRI0023	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/20/79-07/20/79	0	1	
BLRI0073	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/20/56-07/23/79	22	2	
BLRI0079	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/27/74-07/19/79	4	2	
BLRI0084	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/27/74-07/19/79	4	2	
BLRI0087	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/27/74-07/19/79	4	2	
BLRI0119	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0126	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0127	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/10/74-07/24/79	4	2	
BLRI0128	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/24/79-07/24/79	0	1	
BLRI0129	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/13/71-10/13/71	0	1	
BLRI0130	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/10/74-07/25/79	4	2	
BLRI0132	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/25/79-07/25/79	0	1	
BLRI0066	No	84007	ANATOMY ALPHA CODE	09/06/84-09/06/84	0	3	
BLRI0071	No	84007	ANATOMY ALPHA CODE	06/26/90-06/26/90	0	3	
BLRI0141	No	84007	ANATOMY ALPHA CODE	09/15/80-09/15/80	0	1	
BLRI0141	No	84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE	09/15/80-09/15/80	0	1	
BLRI0154	Yes	84068	SERIES CODE ALPHA-NUMERIC CODE	08/22/84-11/25/86	2	10	
BLRI0303	No	84068	SERIES CODE ALPHA-NUMERIC CODE	04/12/84-12/03/86	2	12	
BLRI0152	No	85001	BOD, 5 DAY LBS/DAY	05/05/70-04/20/71	0	5	
BLRI0157	No	85001	BOD, 5 DAY LBS/DAY	05/05/70-04/20/71	0	5	
BLRI0335	No	85001	BOD, 5 DAY LBS/DAY	07/29/68-06/18/70	1	4	
BLRI0336	No	85001	BOD, 5 DAY LBS/DAY	07/29/68-06/18/70	1	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station-By-Station Results

Station Inventory for Station: BLRI0001

NPS Station ID: BLRI0001
 Location: SOUTH R. AT RTE 250 WAYNESBORO,VA
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: TH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070005027
 RF3 Index: 02070005019000.00
 Description:

LAT/LON: 38.069448/ -78.841670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 19.180
 RF3 Mile Point: 5.41

Agency: 1112A9WQ
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): ER38
 Within Park Boundary: No

Date Created: 05/31/80

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 28.00
 Distance from RF3: 0.39

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	05/01/79-05/01/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/01/79-05/01/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/79-05/01/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/79-05/01/79	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/01/79-05/01/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/01/79-05/01/79	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/01/79-05/01/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/79-05/01/79	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/01/79-05/01/79	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/79-05/01/79	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	05/01/79-05/01/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/01/79-05/01/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/79-05/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/01/79-05/01/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0001

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
	Drinking Water	5.	1	1	1.00							1	1	1.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	1	0	0.00							1	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	1	1.00							1	1	1.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
	Drinking Water	6.	1	0	0.00							1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
39380 DIELDRLN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
	Drinking Water	3.	1	0	0.00							1	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
	Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0002

NPS Station ID: BLRI0002
 Location: JONES HOLLOW
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005002720.49
 Description:

LAT/LON: 38.055559/ -78.869727

Depth of Water: 0
 Elevation: 405
 RF1 Mile Point: 0.000
 RF3 Mile Point: 20.54

Agency: 12NSS
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 2B047100U /2BN2B047100U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.07

On/Off RF1:
 On/Off RF3:

THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/86-04/11/86	2	11.35	11.35	11.7	11.	0.245	0.495	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/28/86-04/11/86	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/28/86-04/11/86	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/86-04/11/86	2	98.5	98.5	106.	91.	112.5	10.607	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/86-04/11/86	2	10.4	10.4	10.6	10.2	0.08	0.283	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/28/86-04/11/86	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/28/86-04/11/86	2	7.247	7.247	7.3	7.2	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/86-04/11/86	2	0.057	0.057	0.063	0.05	0.	0.009	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/28/86-04/11/86	2	261.7	261.7	313.7	209.7	5408.	73.539	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/28/86-04/11/86	2	15.	15.	19.	11.	32.	5.657	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/86-04/11/86	2	0.004	0.004	0.005	0.002	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/86-04/11/86	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/28/86-04/11/86	2	3.2	3.2	4.	2.4	1.28	1.131	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/86-04/11/86	2	6.95	6.95	7.7	6.2	1.125	1.061	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/86-04/11/86	2	3.25	3.25	3.5	3.	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/86-04/11/86	2	5.94	5.94	6.31	5.57	0.274	0.523	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/86-04/11/86	2	1.095	1.095	1.13	1.06	0.002	0.049	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/28/86-04/11/86	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/28/86-04/11/86	2	13.15	13.15	14.4	11.9	3.125	1.768	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/86-04/11/86	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/86-04/11/86	2	6.15	6.15	6.3	6.	0.045	0.212	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/86-04/11/86	2	11.	11.	14.	8.	18.	4.243	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/86-04/11/86	2	19.	19.	29.	9.	200.	14.142	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/28/86-04/11/86	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
71885	IRON (UG/L AS FE)	03/28/86-04/11/86	2	50.96	50.96	62.95	38.97	287.52	16.956	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/28/86-04/11/86	2	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/28/86-04/11/86	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
83509	STREAM, WIDTH METER	03/28/86-04/11/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0002

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00				
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	2	0	0.00				1	0	0.00	1	0	0.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00				
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)	250.	2	0	0.00				1	0	0.00	1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00				1	0	0.00	1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	0	0.00				1	0	0.00	1	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0003

NPS Station ID: BLRI0003
 Location: JONES HOLLOW
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005011000.00
 Description:

LAT/LON: 38.065560/ -78.883337

Depth of Water: 0
 Elevation: 389
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 12NSS
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 2B047100L /2BN2B047100L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.90
 Distance from RF3: 0.56

On/Off RF1:
 On/Off RF3:

THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/86-04/11/86	2	12.7	12.7	13.3	12.1	0.72	0.849	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/28/86-04/11/86	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/28/86-04/11/86	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/86-04/11/86	2	101.5	101.5	105.	98.	24.5	4.95	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/86-04/11/86	2	11.45	11.45	12.	10.9	0.605	0.778	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/28/86-04/11/86	2	8.35	8.35	8.8	7.9	0.405	0.636	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/28/86-04/11/86	2	8.15	8.15	8.8	7.9	0.485	0.697	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/86-04/11/86	2	0.007	0.007	0.013	0.002	0.	0.008	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/28/86-04/11/86	2	343.15	343.15	391.3	295.	4636.845	68.094	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/28/86-04/11/86	2	19.5	19.5	23.	16.	24.5	4.95	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/86-04/11/86	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/86-04/11/86	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/28/86-04/11/86	2	4.	4.	4.7	3.3	0.98	0.99	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/28/86-04/11/86	2	8.05	8.05	8.4	7.7	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/28/86-04/11/86	2	3.1	3.1	3.2	3.	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/86-04/11/86	2	5.695	5.695	5.73	5.66	0.002	0.049	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/86-04/11/86	2	1.17	1.17	1.22	1.12	0.005	0.071	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/28/86-04/11/86	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/28/86-04/11/86	2	12.35	12.35	13.	11.7	0.845	0.919	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/86-04/11/86	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/28/86-04/11/86	2	5.25	5.25	5.7	4.8	0.405	0.636	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/86-04/11/86	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/86-04/11/86	2	24.5	24.5	38.	11.	364.5	19.092	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/28/86-04/11/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
71885	IRON (UG/L AS FE)	03/28/86-04/11/86	2	15.99	15.99	31.98	0.	511.36	22.613	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/28/86-04/11/86	2	1275.	1275.	1275.	1275.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/28/86-04/11/86	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
83509	STREAM, WIDTH METER	03/28/86-04/11/86	2	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0004

NPS Station ID: BLRI0004
 Location: SOUTH RIV AT BROAD WAYNESBORO 60
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC
 RF1 Index: 02070005027
 RF3 Index: 02070005002720.49
 Description:

LAT/LON: 38.069170/ -78.885004

Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 20.280
 RF3 Mile Point: 21.00

Agency: 1112A9WQ
 FIPS State/County: 51013 VIRGINIA/ARLINGTON
 STORET Station ID(s): UP-POT-060 /SHEN-060 /060 /S RIV 060
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/72-04/17/73	3	7.7	9.733	15.5	6.	25.663	5.066	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/72-04/17/73	4	8.	7.3	12.2	1.	22.1	4.701	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-04/17/73	4	2.8	2.95	5.5	0.7	3.877	1.969	**	**	**
00400	PH (STANDARD UNITS)	05/23/72-02/13/73	2	7.2	7.2	7.8	6.6	0.72	0.849	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/72-02/13/73	2	6.874	6.874	7.8	6.6	0.932	0.965	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/72-02/13/73	2	0.134	0.134	0.251	0.016	0.028	0.166	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/72-05/23/72	1	37.	37.	37.	37.	0.	0.	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/23/72-05/23/72	1	13.	13.	13.	13.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/17/73	4	1.343	1.883	4.2	0.645	2.564	1.601	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/17/73	4	1.936	2.512	5.114	1.06	3.227	1.796	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/17/73	4	0.625	0.535	0.81	0.08	0.122	0.35	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/17/73	4	0.185	3.613	14.	0.08	47.959	6.925	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/72-04/17/73	3	4.4	6.633	11.4	4.1	17.063	4.131	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/23/72-04/17/73	4	14.	18.05	41.3	2.9	273.63	16.542	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-04/17/73	2	16.5	16.5	23.	10.	84.5	9.192	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/23/72	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/72-04/17/73	3	32.	5345.667	16000.	5.	85136296.333	9226.933	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/23/72	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/23/72-04/17/73	3	218.	5407.	16000.	3.	84170293.	9174.437	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/23/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/23/72	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/23/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/17/73	2 ##	1205.	1205.	2400.	10.	2856050.	1689.985	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/17/73	2 ##	2.19	2.19	3.38	1.	2.833	1.683	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/17/73	2 ##	154.919	154.919	790.	790.	0.	0.	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-02/13/73	1	790.	790.	790.	790.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-02/13/73	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-02/13/73	1	790.	790.	790.	790.	0.	0.	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/19/72-02/13/73	2	1.	1.	1.	1.	0.	0.	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/17/73-04/17/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/17/73	4	0.29	0.52	1.27	0.23	0.251	0.501	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-02/13/73	2 ##	0.001	0.001	0.001	0.	0.	0.001	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0004

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50			
00400 PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	250.	2	0	0.00							2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	1	0.33	1	0	0.00	1	0	0.00	1	1	1.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
	Fresh Acute	82.	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Drinking Water	15.	1	0	0.00							1	0	0.00			
	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0005

NPS Station ID: BLRI0005 LAT/LON: 38.069448/ -78.885281
 Location: ROUTE 250 BYPASS IN WAYNESBORO - AUGUSTA COUNTY
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 1-POTOMAC-SHENANDOAH
 RF1 Index: 02070005 RF1 Mile Point: 0.000
 RF3 Index: 02070005002715.60 RF3 Mile Point: 16.51

Agency: 21VASWCB
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 1BSTH024.70
 Within Park Boundary: No

Date Created: 06/22/91

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1B SHENANDOAH REGION: 6 VALLEY
 RIVER: SOUTH RIVER SECTION: 03 TOPO MAP #: 0067 TOPO MAP NAME: WAYNESBORO WEST, VIRGINIA

Parameter Inventory for Station: BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	99	16.7	16.238	28.9	1.5	49.086	7.006	6.7	10.6	22.2	25.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/18/71-07/20/71	4	10.5	10.125	15.	4.5	20.063	4.479	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	97	9.4	9.342	15.	2.5	5.337	2.31	6.6	8.	10.9	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/03/68-09/17/76	12	7.95	8.317	22.	2.	31.662	5.627	2.	4.725	9.375	20.02
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	97	8.	8.167	10.	4.8	0.548	0.74	7.3	7.75	8.75	9.
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	97	8.	6.747	10.	4.8	2.586	1.608	7.3	7.75	8.75	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	97	0.01	0.179	15.849	0.	2.585	1.608	0.001	0.002	0.018	0.05
00403	PH, LAB, STANDARD UNITS SU	12/03/68-09/28/71	8	7.35	7.525	8.9	6.9	0.385	0.62	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/03/68-09/28/71	8	7.347	7.302	8.9	6.9	0.442	0.665	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/68-09/28/71	8	0.045	0.05	0.126	0.001	0.002	0.04	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12/03/68-09/28/71	8	73.	82.625	178.	48.	1577.696	39.72	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/28/71-09/28/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12/03/68-05/29/70	7	259.	257.286	347.	169.	4421.571	66.495	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/03/68-05/29/70	7	78.	91.571	206.	55.	2917.952	54.018	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/03/68-05/29/70	7	177.	165.714	221.	113.	1611.905	40.149	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/68-05/29/70	7	26.	28.286	56.	11.	226.571	15.052	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/68-05/29/70	7	13.	13.714	28.	7.	50.238	7.088	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/03/68-05/29/70	7	9.	14.571	42.	4.	170.619	13.062	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	12/03/68-12/03/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	65	0.3	0.692	2.599	0.01	0.583	0.763	0.05	0.05	1.199	2.099
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	64	0.015	0.055	0.45	0.005	0.008	0.088	0.005	0.01	0.05	0.175
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	48	1.144	1.364	3.699	0.02	0.792	0.89	0.467	0.748	1.597	3.071
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	65	1.299	1.601	6.	0.1	1.717	1.31	0.3	0.6	2.324	3.219
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/03/76-03/01/79	14	2.1	2.771	6.	0.39	3.117	1.765	0.695	1.425	4.125	5.75
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/03/68-08/03/69	4	0.085	0.09	0.15	0.04	0.002	0.05	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/17/76-09/17/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/28/71-09/28/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/18/71-08/29/78	11 ##	1.5	1.682	2.5	0.5	0.664	0.815	0.6	1.	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	04/18/71-08/29/78	14 ##	5.	5.75	20.	0.5	18.26	4.273	2.75	5.	5.	12.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/70-08/29/78	23 ##	5.	17.391	100.	5.	595.158	24.396	5.	5.	20.	60.
01042	COPPER, TOTAL (UG/L AS CU)	04/08/70-08/29/78	23 ##	5.	8.696	30.	5.	41.403	6.435	5.	5.	10.	20.
01045	IRON, TOTAL (UG/L AS FE)	11/19/70-08/29/78	3	300.	366.667	600.	200.	43333.333	208.167	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/19/70-08/29/78	20	5.	8.45	30.	1.	42.261	6.501	4.1	5.	10.	19.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/70-04/18/71	2	70.	70.	90.	50.	800.	28.284	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/25/73-08/29/78	13##	50.	50.	50.	50.	0.	0.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/08/70-08/29/78	23	10.	33.043	170.	5.	2049.407	45.27	5.	40.	124.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/07/68-09/08/70	13	4600.	28333.077	240000.	430.	4170131056.41	64576.552	1218.	3350.	23000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/07/68-09/08/70	13	3.663	3.899	5.38	2.633	0.46	0.678	2.932	3.507	4.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			7930.561							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/19/70-03/01/79	82	200.	1420.732	22000.	50.	9638885.878	3104.656	50.	50.	1025.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/19/70-03/01/79	82	2.301	2.479	4.342	1.699	0.576	0.759	1.699	1.699	3.01
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			301.383							
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/12/76-03/12/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	61	0.1	0.108	0.4	0.05	0.006	0.077	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	61	0.06	0.089	0.37	0.005	0.005	0.071	0.04	0.05	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-08/29/78	24##	0.25	0.256	0.5	0.15	0.003	0.056	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0005

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14		10/15-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	4	0	0.00	1	0	0.00			3	0	0.00			
00300	OXYGEN, DISSOLVED	4.	97	5	0.05	30	5	0.17	44	0	0.00	23	0	0.00		
00400	PH	9.	97	16	0.16	29	6	0.21	45	6	0.13	23	4	0.17		
00403	PH, LAB	6.5	97	1	0.01	29	0	0.00	45	1	0.02	23	0	0.00		
		9.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	6.5	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00		
		1.	64	0	0.00	18	0	0.00	31	0	0.00	15	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	10.	48	0	0.00	14	0	0.00	22	0	0.00	12	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	14	0	0.00	4	0	0.00	8	0	0.00	2	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00	1	0	0.00								
		250.	1	0	0.00	1	0	0.00								
01002	ARSENIC, TOTAL	360.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00		
		50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00		
01027	CADMIUM, TOTAL	3.9	2&	1	0.50	1	0	0.00				1	1	1.00		
		5.	2&	1	0.50	1	0	0.00				1	1	1.00		
01034	CHROMIUM, TOTAL	100.	23	1	0.04	7	0	0.00	9	1	0.11	7	0	0.00		
01042	COPPER, TOTAL	18.	23	3	0.13	7	0	0.00	9	1	0.11	7	2	0.29		
		1300.	23	0	0.00	7	0	0.00	9	0	0.00	7	0	0.00		
01051	LEAD, TOTAL	82.	20	0	0.00	7	0	0.00	8	0	0.00	5	0	0.00		
		15.	20	2	0.10	7	1	0.14	8	1	0.13	5	0	0.00		
01065	NICKEL, DISSOLVED	1400.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01092	ZINC, TOTAL	120.	23	2	0.09	7	1	0.14	9	1	0.11	7	0	0.00		
		5000.	23	0	0.00	7	0	0.00	9	0	0.00	7	0	0.00		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	13	12	0.92	7	6	0.86	2	2	1.00	4	4	1.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	82	45	0.55	22	13	0.59	42	22	0.52	18	10	0.56		
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	1	0	0.00							1	0	0.00		
		2.	1	0	0.00							1	0	0.00		
50060	CHLORINE, TOTAL RESIDUAL	0.019	1	0	0.00				1	0	0.00					
71900	MERCURY, TOTAL	2.4	24	0	0.00	8	0	0.00	9	0	0.00	7	0	0.00		
		2.	24	0	0.00	8	0	0.00	9	0	0.00	7	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1968 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	4	21.15	19.325	27.2	7.8	80.369	8.965	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	4	3.5	4.375	8.	2.5	6.229	2.496	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	4	8.3	8.275	8.5	8.	0.049	0.222	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	4	8.289	8.232	8.5	8.	0.052	0.227	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	4	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	1	1.299	1.299	1.299	1.299	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	1	2.799	2.799	2.799	2.799	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	3	17.8	17.8	25.6	10.	60.84	7.8	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	3	6.8	6.6	9.2	3.8	7.32	2.706	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	3	7.8	7.8	8.3	7.3	0.25	0.5	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	3	7.8	7.626	8.3	7.3	0.295	0.544	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	3	0.016	0.024	0.05	0.005	0.001	0.024	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	3	1.75	1.286	2.099	0.01	1.252	1.119	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	3	0.02	0.067	0.17	0.01	0.008	0.09	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	3	0.44	0.487	0.63	0.39	0.016	0.127	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	3	2.479	2.129	3.029	0.88	1.246	1.116	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	9	20.6	18.344	27.8	7.8	58.163	7.626	7.8	11.4	25.3	27.8
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	9	7.8	8.422	12.4	6.2	5.394	2.323	6.2	6.5	10.8	12.4
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	9	8.	8.222	9.2	7.4	0.467	0.683	7.4	7.65	8.9	9.2
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	9	8.	7.875	9.2	7.4	0.603	0.776	7.4	7.65	8.9	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	9	0.01	0.013	0.04	0.001	0.	0.014	0.001	0.002	0.024	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	3	1.399	1.533	2.199	1.	0.373	0.611	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	2	0.645	0.645	0.79	0.5	0.042	0.205	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	3	2.349	2.316	3.099	1.5	0.64	0.8	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	2##	375.	375.	700.	50.	211250.	459.619	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	2##	2.272	2.272	2.845	1.699	0.657	0.81	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				187.083								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	3	0.1	0.1	0.15	0.05	0.003	0.05	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	3	0.04	0.06	0.1	0.04	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	12	16.4	14.633	23.3	3.3	45.213	6.724	3.99	7.8	20.275	23.15
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	12	9.8	9.658	15.	3.	10.288	3.208	4.14	7.85	11.65	14.58
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	12	7.9	8.017	10.	4.8	1.86	1.364	5.55	7.425	8.65	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	12	7.889	5.874	10.	4.8	6.866	2.62	5.55	7.425	8.65	10.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	12	0.013	1.335	15.849	0.	20.89	4.571	0.	0.002	0.038	11.109
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	12	600.	4737.5	22000.	50.	43486875.	6594.458	95.	300.	8000.	17920.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	12	2.772	3.09	4.342	1.699	0.728	0.853	1.88	2.477	3.903	4.217
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1229.406								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	12	15.3	13.85	20.	5.	26.237	5.122	5.18	10.725	18.175	19.82
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	12	9.4	9.333	11.8	6.6	3.188	1.785	6.6	7.85	10.95	11.8
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	12	7.9	7.875	9.2	6.9	0.624	0.79	6.93	7.05	8.5	9.08
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	12	7.889	7.399	9.2	6.9	0.871	0.933	6.93	7.05	8.5	9.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	12	0.013	0.04	0.126	0.001	0.002	0.046	0.001	0.003	0.091	0.118
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	1	1.039	1.039	1.039	1.039	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	1	1.549	1.549	1.549	1.549	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	10	1450.	2270.	6000.	100.	6102333.333	2470.29	100.	100.	5100.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	10	3.139	2.893	3.778	2.	0.646	0.804	2.	2.	3.705	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			781.857								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	11	16.7	15.964	25.	5.6	45.043	6.711	5.92	7.8	21.1	24.88
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	11	8.7	9.318	12.	6.6	3.158	1.777	6.84	7.8	11.	11.92
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	11	8.	8.173	9.	7.3	0.272	0.522	7.34	8.	8.7	8.96
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	11	8.	7.907	9.	7.3	0.35	0.592	7.34	8.	8.7	8.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	11	0.01	0.012	0.05	0.001	0.	0.015	0.001	0.002	0.01	0.046
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	1.5	1.505	2.599	0.22	0.586	0.766	0.336	1.	2.299	2.559
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.03	0.064	0.31	0.01	0.008	0.088	0.01	0.01	0.08	0.27
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	11	0.85	0.927	1.379	0.69	0.052	0.228	0.7	0.77	1.189	1.347
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	11	2.599	3.208	6.	0.5	3.377	1.838	0.66	1.799	4.299	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	800.	1377.273	6000.	50.	3140181.818	1772.056	50.	50.	2400.	5320.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	2.903	2.723	3.778	1.699	0.549	0.741	1.699	1.699	3.38	3.706
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			528.023								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	11	0.1	0.086	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.18
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	11	0.05	0.069	0.1	0.04	0.001	0.025	0.042	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	11	20.	17.627	26.7	6.7	47.568	6.897	6.8	12.2	23.9	26.36
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	11	9.4	9.518	11.8	6.6	2.29	1.513	6.84	8.6	11.	11.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	11	8.	8.055	8.5	7.5	0.135	0.367	7.5	7.8	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	11	8.	7.916	8.5	7.5	0.156	0.395	7.5	7.8	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	11	0.01	0.012	0.032	0.003	0.	0.01	0.003	0.003	0.016	0.032
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.6	0.936	2.099	0.2	0.496	0.704	0.2	0.3	1.599	2.039
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.01	0.055	0.25	0.005	0.007	0.085	0.005	0.005	0.12	0.234
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	11	1.229	1.076	2.299	0.02	0.446	0.668	0.11	0.6	1.389	2.215
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	11	1.5	1.618	3.399	0.3	1.143	1.069	0.34	0.5	2.699	3.319
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	100.	640.909	3600.	50.	1089409.091	1043.748	50.	50.	800.	3060.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	2.	2.327	3.556	1.699	0.485	0.697	1.699	1.699	2.903	3.436
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			212.399								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	11	0.1	0.118	0.3	0.05	0.009	0.093	0.05	0.05	0.1	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	11 ##	0.05	0.091	0.3	0.05	0.007	0.083	0.05	0.05	0.1	0.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	12	15.	15.317	26.1	3.3	56.643	7.526	4.65	9.1	23.025	25.59
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	12	10.45	10.433	11.7	9.3	0.45	0.671	9.33	10.05	10.925	11.49
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	12	8.1	8.258	9.	7.5	0.343	0.585	7.5	7.8	8.875	9.
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	12	8.089	7.963	9.	7.5	0.438	0.662	7.5	7.8	8.875	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	12	0.008	0.011	0.032	0.001	0.	0.011	0.001	0.001	0.016	0.032
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.1	0.318	1.	0.05	0.121	0.347	0.05	0.05	0.6	0.96
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.01	0.037	0.17	0.005	0.002	0.05	0.005	0.005	0.05	0.15
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	9	1.589	1.694	2.779	0.89	0.512	0.715	0.89	1.025	2.469	2.779
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	11	0.8	0.8	1.899	0.2	0.262	0.511	0.22	0.3	1.199	1.779
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	12 ##	50.	145.833	500.	50.	22026.515	148.413	50.	50.	275.	440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	12 ##	1.699	1.987	2.699	1.699	0.152	0.389	1.699	1.699	2.433	2.632
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			97.107								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	11	0.1	0.105	0.3	0.05	0.006	0.079	0.05	0.05	0.1	0.28
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	11	0.06	0.07	0.12	0.02	0.001	0.032	0.024	0.05	0.1	0.116

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	10	17.5	17.06	28.9	5.6	47.476	6.89	6.04	11.65	22.35	28.29
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	9	9.7	10.444	12.5	9.	1.87	1.368	9.	9.3	12.	12.5
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	10	8.85	8.56	9.2	7.6	0.378	0.615	7.61	7.775	9.	9.18
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	10	8.847	8.155	9.2	7.6	0.56	0.748	7.61	7.775	9.	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	10	0.001	0.007	0.025	0.001	0.	0.009	0.001	0.001	0.017	0.025
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	11 ##	0.05	0.082	0.4	0.05	0.011	0.106	0.05	0.05	0.05	0.33
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	11	0.02	0.045	0.18	0.005	0.004	0.061	0.005	0.01	0.03	0.174
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	10	2.629	2.421	3.699	1.099	0.934	0.966	1.131	1.494	3.244	3.667
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	11	0.8	0.854	1.5	0.3	0.184	0.429	0.32	0.4	1.199	1.46
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	200.	618.182	2500.	50.	912636.364	955.32	50.	50.	800.	2500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	11	2.301	2.325	3.398	1.699	0.433	0.658	1.699	1.699	2.903	3.398
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			211.306								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	11	0.1	0.1	0.2	0.05	0.002	0.039	0.05	0.1	0.1	0.18
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	11	0.07	0.08	0.21	0.02	0.003	0.058	0.022	0.04	0.09	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	6	12.1	14.15	27.	1.5	94.479	9.72	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	6	9.2	10.633	14.4	8.5	6.751	2.598	**	**	**	**
00400	PH (STANDARD UNITS)	6	8.	8.133	9.	7.1	0.511	0.715	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	6	8.	7.708	9.	7.1	0.728	0.853	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.01	0.02	0.079	0.001	0.001	0.03	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	5	0.2	0.49	1.399	0.05	0.325	0.57	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5	0.24	0.195	0.45	0.005	0.035	0.186	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	5	1.299	1.619	3.099	0.1	1.291	1.136	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	200.	460.	1800.	50.	566750.	752.828	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	2.301	2.251	3.255	1.699	0.406	0.637	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			178.26								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	5	0.1	0.08	0.1	0.05	0.001	0.027	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	5	0.1	0.099	0.19	0.005	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	21.	21.314	26.5	17.	17.608	4.196	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	9.6	9.071	10.4	7.7	1.456	1.207	**	**	**	**
00400	PH (STANDARD UNITS)	5	9.	8.8	9.	8.1	0.155	0.394	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	5	9.	8.613	9.	8.1	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.001	0.002	0.008	0.001	0.	0.003	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	6##	0.05	0.067	0.1	0.05	0.001	0.026	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	6	0.01	0.013	0.04	0.005	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	6	1.05	1.033	1.5	0.5	0.191	0.437	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	100.	508.333	2600.	50.	1050416.667	1024.898	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	2.	2.186	3.415	1.699	0.377	0.614	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			153.341								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	6	0.2	0.208	0.4	0.05	0.016	0.128	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	6	0.21	0.203	0.37	0.04	0.013	0.114	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2	6	6.	7.	5.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			50.								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	31	23.9	23.11	28.9	16.7	12.199	3.493	17.16	20.	26.1	27.1
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	30	7.9	7.71	12.2	2.5	6.153	2.481	3.08	6.5	9.6	10.36
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	29	8.5	8.486	10.	7.2	0.337	0.58	7.8	8.1	8.9	9.2
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	29	8.5	8.128	10.	7.2	0.47	0.685	7.8	8.1	8.9	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	29	0.003	0.007	0.063	0.	0.	0.013	0.001	0.001	0.008	0.016
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	18	0.65	0.952	2.599	0.05	0.92	0.959	0.05	0.05	1.874	2.419
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	18	0.015	0.057	0.45	0.005	0.011	0.107	0.005	0.01	0.05	0.198
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	14	1.839	1.929	3.379	0.63	0.921	0.96	0.74	1.107	2.852	3.234
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	18	1.6	2.218	6.	0.3	2.962	1.721	0.48	0.875	3.122	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	22	250.	1270.455	8000.	50.	5157775.974	2271.074	50.	87.5	975.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	22	2.389	2.526	3.903	1.699	0.526	0.726	1.699	1.925	2.985	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			335.699								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	17	0.1	0.156	0.3	0.05	0.007	0.083	0.09	0.1	0.2	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	17	0.1	0.139	0.3	0.04	0.005	0.074	0.048	0.09	0.195	0.268

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	45	10.	10.242	21.1	1.5	20.774	4.558	5.	6.85	13.3	16.82
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	44	10.7	10.7	15.	7.8	2.87	1.694	8.25	9.325	11.8	13.
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	45	7.8	7.816	9.	4.8	0.56	0.748	7.06	7.5	8.	9.
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	45	7.8	6.423	9.	4.8	2.543	1.595	7.06	7.5	8.	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	45	0.016	0.378	15.849	0.001	5.565	2.359	0.001	0.01	0.032	0.088
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	31	0.22	0.609	2.299	0.05	0.469	0.685	0.05	0.05	1.039	1.599
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	31	0.01	0.044	0.31	0.005	0.006	0.077	0.005	0.005	0.03	0.174
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	22	0.945	1.036	2.189	0.02	0.266	0.516	0.44	0.708	1.429	1.792
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	31	1.199	1.434	4.299	0.1	1.389	1.178	0.22	0.4	2.349	3.079
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	42	200.	1421.429	22000.	50.	13724163.763	3704.614	50.	50.	800.	4440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	42	2.301	2.409	4.342	1.699	0.578	0.76	1.699	1.699	2.903	3.644
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			256.197								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	29	0.1	0.097	0.4	0.05	0.006	0.079	0.05	0.05	0.1	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	29	0.05	0.074	0.37	0.005	0.005	0.072	0.02	0.04	0.09	0.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/68-03/01/79	23	17.8	18.709	27.	11.7	14.021	3.744	13.32	16.1	22.2	23.66
00300	OXYGEN, DISSOLVED MG/L	07/07/68-03/01/79	23	9.	8.874	11.2	6.6	2.021	1.422	6.68	7.8	10.2	11.
00400	PH (STANDARD UNITS)	07/07/68-03/01/79	23	8.5	8.452	10.	7.4	0.37	0.608	7.62	8.	8.9	9.12
00400	CONVERTED PH (STANDARD UNITS)	07/07/68-03/01/79	23	8.5	8.112	10.	7.4	0.491	0.701	7.62	8.	8.9	9.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/68-03/01/79	23	0.003	0.008	0.04	0.	0.	0.01	0.001	0.001	0.01	0.025
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/68-03/01/79	16	0.3	0.56	2.199	0.01	0.391	0.625	0.038	0.063	0.95	1.71
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/03/68-03/01/79	15	0.03	0.076	0.25	0.005	0.008	0.089	0.005	0.01	0.17	0.244
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/68-10/25/76	12	0.83	1.305	3.699	0.39	1.165	1.079	0.414	0.548	1.554	3.549
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/03/68-03/01/79	16	1.199	1.23	3.099	0.4	0.531	0.728	0.47	0.65	1.45	2.609
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	18	250.	1602.778	8000.	50.	6391315.359	2528.105	50.	50.	2500.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/19/70-03/01/79	18	2.389	2.586	3.903	1.699	0.673	0.82	1.699	1.699	3.398	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			385.909								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/02/70-03/01/79	15	0.05	0.077	0.15	0.05	0.001	0.032	0.05	0.05	0.1	0.12
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/70-03/01/79	15	0.05	0.062	0.13	0.04	0.001	0.027	0.04	0.05	0.07	0.112

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0006

NPS Station ID: BLRI0006
 Location: CROMPTON-SHEN WAYNESBORO OTFL 01
 Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC
 RF1 Index: 02070005027
 RF3 Index: 02070005000100.87
 Description:

LAT/LON: 38.061670/ -78.885837

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 20.740
 RF3 Mile Point: 1.41

Agency: 1113UPEN
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): POTOMAC 056 /056 /CR-SH 13 /139-01
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0007

NPS Station ID: BLRI0007
 Location: DUPONT CO. WAYNESBORO UPSTREAM
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC
 RF1 Index: 02070005027
 RF3 Index: 02070005031500.00
 Description:

LAT/LON: 38.061115/ -78.886116

Depth of Water: 1
 Elevation: 0

RF1 Mile Point: 20.740
 RF3 Mile Point: 0.00

Agency: 1113UPEN
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): POTOMAC 048 /048 /DUPONT 05 /138-00
 Within Park Boundary: No

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.70
 Distance from RF3: 0.03

Date Created: / /

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0008

NPS Station ID: BLRI0008
 Location: SOUTH R. WAYNE ST BR WAYNESBORO
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070005027
 RF3 Index: 02080201002900.00
 Description:

LAT/LON: 38.060559/ -78.895559

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 21.240
 RF3 Mile Point: 0.04

Agency: 1113PPWQ
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): POTOMAC 060 /060 /SOUTH-S1
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/69-08/18/69	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/69-08/18/69	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/28/69-08/18/69	2	8.7	8.7	9.3	8.1	0.72	0.849	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	07/28/69-08/18/69	2	3.15	3.15	4.3	2.	2.645	1.626	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/69-08/18/69	2	0.167	0.167	0.226	0.108	0.007	0.083	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/69-08/18/69	2	0.553	0.553	0.711	0.394	0.05	0.224	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/28/69-08/18/69	2	0.785	0.785	0.88	0.69	0.018	0.134	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	35850.	35850.	54200.	17500.	673445000.	25950.819	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/28/69-08/18/69	2	4.489	4.489	4.734	4.243	0.121	0.347	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			30797.727								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	20900.	20900.	34800.	7000.	386420000.	19657.569	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/28/69-08/18/69	2	4.193	4.193	4.542	3.845	0.243	0.492	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			15607.69								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/28/69-08/18/69	2	10.125	10.125	13.5	6.75	22.781	4.773	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/28/69-08/18/69	2	0.12	0.12	0.13	0.11	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0009

NPS Station ID: BLRI0009
 Location: SOUTH R. WAYNE ST BR WAYNESBORO
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070005027
 RF3 Index: 02070005003007.86
 Description:

LAT/LON: 38.060559/ -78.895559

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 21.240
 RF3 Mile Point: 8.07

Agency: 1113SHWQ
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): POTOMAC 007 /007 /SOUTH S-1
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0009

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/67-06/22/67	4	24.	24.	25.	23.	0.833	0.913	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/67-06/23/67	3	48.	53.	64.	47.	91.	9.539	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/67-06/23/67	5	7.9	6.06	8.1	2.4	7.343	2.71	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/67-06/23/67	5	3.5	4.54	7.3	2.3	6.108	2.471	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/67-06/22/67	3	1720.	1573.333	2210.	790.	520233.333	721.272	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/67-06/22/67	3	3.236	3.159	3.344	2.898	0.054	0.233	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1442.722								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/67-06/22/67	3	460.	696.667	1300.	330.	277233.333	526.53	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/67-06/22/67	3	2.663	2.765	3.114	2.519	0.096	0.311	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			582.199								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0009

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	2	0.40						5	2	0.40			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67						3	2	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00						3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0010

NPS Station ID: BLRI0010
 Location: SOUTH RIV AT RT 664 059
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC
 RF1 Index: 02070005027
 RF3 Index: 02080203059200.00
 Description:

LAT/LON: 38.060559/ -78.896948

Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 21.340
 RF3 Mile Point: 3.64

Agency: 1112A9WQ
 FIPS State/County: 51013 VIRGINIA/ARLINGTON
 STORET Station ID(s): UP-POT-059 /SHEN-059 /059 /S RIV 059
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.10
 Distance from RF3: 0.26

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/72-04/16/73	4	14.75	13.5	20.	4.5	42.167	6.494	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/72-04/16/73	4	10.15	10.45	12.5	9.	2.763	1.662	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/72-04/16/73	4	1.7	2.	3.7	0.9	1.427	1.194	**	**	**
00400	PH (STANDARD UNITS)	05/23/72-02/13/73	2	7.2	7.2	7.8	6.6	0.72	0.849	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/72-02/13/73	2	6.874	6.874	7.8	6.6	0.932	0.965	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/72-02/13/73	2	0.134	0.134	0.251	0.016	0.028	0.166	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/72-05/23/72	1	34.	34.	34.	34.	0.	0.	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/23/72-05/23/72	1	8.	8.	8.	8.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/72-04/16/73	4	0.05	0.06	0.095	0.045	0.001	0.024	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/72-04/16/73	4	0.385	0.433	0.701	0.26	0.037	0.192	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-04/16/73	4	0.705	0.68	0.93	0.38	0.059	0.242	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/23/72-04/16/73	4	0.05	0.105	0.28	0.04	0.014	0.117	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/72-02/13/73	3	1.5	2.217	5.1	0.05	6.761	2.6	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/23/72-02/13/73	3	13.9	17.467	27.1	11.4	71.163	8.436	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/72-04/16/73	2##	5.5	5.5	10.	1.	40.5	6.364	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/23/72-05/23/72	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/72-02/13/73	2##	12.75	12.75	23.	2.5	210.125	14.496	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/23/72-05/23/72	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/23/72-04/16/73	3	50.	62.	133.	3.	4333.	65.826	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/23/72-05/23/72	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/72-05/23/72	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/23/72-05/23/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/16/73	2	127.	127.	230.	24.	21218.	145.664	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/16/73	2	1.871	1.871	2.362	1.38	0.482	0.694	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/73-04/16/73	2	74.297	74.297					**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-04/16/73	2	44.	44.	68.	20.	1152.	33.941	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-04/16/73	2	1.567	1.567	1.833	1.301	0.141	0.376	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/73-04/16/73	2	36.878	36.878					**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/19/72-04/16/73	3	1.	1.	1.	1.	0.	0.	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/23/72-04/16/73	4	0.095	0.153	0.34	0.08	0.016	0.126	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/23/72-02/13/73	2##	0.001	0.001	0.001	0.	0.	0.001	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0010

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED																	
00400	PH																	
	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00				
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																	
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00				
	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00945	SULFATE, TOTAL (AS SO4)																	
01027	CADMIUM, TOTAL																	
	Fresh Acute	3.9	1	0	0.00							1	0	0.00				
	Drinking Water	5.	1	0	0.00							1	0	0.00				
01034	CHROMIUM, TOTAL																	
01042	COPPER, TOTAL																	
	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00							
	Fresh Acute	18.	1	0	0.00							1	0	0.00				
01051	LEAD, TOTAL																	
	Drinking Water	1300.	1	0	0.00							1	0	0.00				
	Fresh Acute	82.	1	0	0.00							1	0	0.00				
01092	ZINC, TOTAL																	
	Drinking Water	15.	1	0	0.00							1	0	0.00				
	Fresh Acute	120.	1	0	0.00							1	0	0.00				
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																	
	Other-Hi Lim.	1000.	2	0	0.00						1	0	0.00	1	0	0.00		
	Drinking Water	5000.	1	0	0.00							1	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	2	0	0.00						1	0	0.00	1	0	0.00		
	Drinking Water	2.	2	0	0.00							1	0	0.00	1	0	0.00	
71900	MERCURY, TOTAL																	
	Drinking Water	2.	2	0	0.00							1	0	0.00	1	0	0.00	

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0011

NPS Station ID: BLRI0011
 Location: SOUTH RIVER AT WAYNESBORO, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005002722.44
 Description:

LAT/LON: 38.061115/ -78.897227

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 22.59

Agency: 112WRD
 FIPS State/County: 51820 VIRGINIA/WAYNESBORO (CITY)
 STORET Station ID(s): 01626500
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0011

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	09/04/30-09/04/30	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/30-09/04/30	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/04/30-09/04/30	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/04/30-09/04/30	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/04/30-09/04/30	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/04/30-09/04/30	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/04/30-09/04/30	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/04/30-09/04/30	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/04/30-09/04/30	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/04/30-09/04/30	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/30-09/04/30	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/04/30-09/04/30	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/04/30-09/04/30	1	126.	126.	126.	126.	0.	0.	**	**	**	**
71835	OXYGEN CONSUMED, FILTERED MG/L	09/04/30-09/04/30	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71840	OXYGEN CONSUMED, UNFILTERED MG/L	09/04/30-09/04/30	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/04/30-09/04/30	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/04/30-09/04/30	1	20.	20.	20.	20.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0011

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0012

NPS Station ID: BLRI0012
 Location: 39MS 4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005009900.00
 Description:

LAT/LON: 37.970004/ -78.897781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.84

Agency: 112WRD
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 375812078535201
 Within Park Boundary: Yes

Date Created: 10/31/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 8.50
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0012

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/79-07/09/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/79-07/09/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/79-07/09/79	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/79-07/09/79	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/79-07/09/79	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/79-07/09/79	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/09/79-07/09/79	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/09/79-07/09/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/79-07/09/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/09/79-07/09/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/79-07/09/79	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/79-07/09/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/79-07/09/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/79-07/09/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/09/79-07/09/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/09/79-07/09/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/09/79-07/09/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/09/79-07/09/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/09/79-07/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/09/79-07/09/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/09/79-07/09/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/09/79-07/09/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/09/79-07/09/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/79-07/09/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	07/09/79-07/09/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/79-07/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/79-07/09/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/09/79-07/09/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	07/09/79-07/09/79	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/09/79-07/09/79	1	36.	36.	36.	36.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/79-07/09/79	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/79-07/09/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/79-07/09/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/79-07/09/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0012

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00										
	Drinking Water	250.	1	0	0.00	1	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0013

NPS Station ID: BLRI0013
 Location: 39MS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: U
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02080203009100.46
 Description:

LAT/LON: 37.949726/ -78.905560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.56

Agency: 112WRD
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 375603078542101
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.60
 Distance from RF3: 0.39

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	2	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/26/74-07/18/79	2	5.35	5.35	6.	4.7	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/74-07/18/79	2	4.98	4.98	6.	4.7	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/74-07/18/79	2	10.476	10.476	19.953	1.	179.601	13.402	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	2	120.5	120.5	223.	18.	21012.5	144.957	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2	0.395	0.395	0.43	0.36	0.002	0.049	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/26/74-07/18/79	2	1.7	1.7	1.9	1.5	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/18/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/26/74-07/18/79	2	0.9	0.9	1.2	0.6	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	09/26/74-07/18/79	2	21.5	21.5	29.	14.	112.5	10.607	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/26/74-07/18/79	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	2	1.9	1.9	3.	0.8	2.42	1.556	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/26/74-07/18/79	2	7.8	7.8	8.1	7.5	0.18	0.424	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/18/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/18/79-07/18/79	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/18/79	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/18/79-07/18/79	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/18/79	2	53.5	53.5	100.	7.	4324.5	65.761	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/18/79-07/18/79	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	2	20.5	20.5	21.	20.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/18/79	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
	Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	360.	2	0	0.00	2	0	0.00									
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	0	0.00	2	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	2	0	0.00	2	0	0.00									
71890	MERCURY, DISSOLVED	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0014

NPS Station ID: BLRI0014	LAT/LON: 38.057226/ -78.908059	Agency: 21VASWCB	Date Created: 06/22/91
Location: ROUTE 664 BRIDGE - CITY OF WAYNESBORO		FIPS State/County: 51820 VIRGINIA/WAYNESBORO (CITY)	
Station Type: /TYP/A/AMBNT/STREAM		STORET Station ID(s): 1BSTH027.85	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 02070005	Depth of Water: 0	Aquifer:	
Major Basin: 02-NORTH ATLANTIC	Elevation: 0	Water Body ID:	
Minor Basin: 1-POTOMAC-SHENANDOAH		ECO Region:	
RF1 Index: 02070005	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 02070005027800.00	RF3 Mile Point: 0.00	Distance from RF3: 0.16	On/Off RF3:
Description:			
VIRGINIA STATE WATER CONTROL BOARD	AMBIENT MONITORING	BASIN: 1B SHENANDOAH	REGION: 6 VALLEY
RIVER: SOUTH RIVER	SECTION: 03	TOPO MAP #: 0067	TOPO MAP NAME: WAYNESBORO WEST, VIRGINIA

Parameter Inventory for Station: BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	209	14.2	13.633	25.5	0.1	39.267	6.266	4.3	8.05	19.	21.
00040	WIND DIRECTION, AZIMUTH	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	26	5.15	8.092	56.	0.9	113.403	10.649	1.9	3.075	9.175	15.97
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	15	4.2	4.473	9.3	1.9	5.428	2.33	1.96	2.3	6.5	8.58
00080	COLOR (PLATINUM-COBALT UNITS)	21	17.	24.333	131.	6.	791.733	28.138	8.6	12.	23.	65.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	103	199.	202.476	1093.	56.	10846.585	104.147	120.2	150.	240.	263.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	62	173.	183.774	288.	45.	3345.096	57.837	113.3	132.	242.75	254.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	42	10.9	10.786	14.6	7.	3.378	1.838	8.42	9.25	12.025	13.28
00300	OXYGEN, DISSOLVED MG/L	166	10.4	10.464	14.4	5.1	2.747	1.657	8.4	9.1	11.6	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	163	1.	1.096	5.	0.5	0.397	0.63	0.5	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	162	4.	5.753	33.	0.5	28.1	5.301	1.	2.5	8.	11.7
00400	PH (STANDARD UNITS)	206	8.11	8.132	9.5	6.8	0.31	0.557	7.47	7.75	8.5	9.
00400	CONVERTED PH (STANDARD UNITS)	206	8.11	7.794	9.5	6.8	0.425	0.652	7.47	7.75	8.5	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	206	0.008	0.016	0.158	0.	0.001	0.024	0.001	0.003	0.018	0.034
00403	PH, LAB, STANDARD UNITS SU	108	7.8	7.699	8.5	6.5	0.148	0.385	7.19	7.5	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	108	7.8	7.486	8.5	6.5	0.194	0.441	7.19	7.5	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	108	0.016	0.033	0.316	0.003	0.002	0.048	0.008	0.01	0.032	0.065
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	107	78.	84.832	673.	13.	3936.934	62.745	45.8	58.	105.	112.
00500	RESIDUE, TOTAL (MG/L)	38	112.5	121.105	319.	8.	2480.097	49.801	63.9	93.25	150.75	165.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	39	28.	30.	68.	2.	239.158	15.465	12.	20.	36.	56.
00510	RESIDUE, TOTAL FIXED (MG/L)	39	87.	94.154	263.	20.	1623.239	40.289	53.	71.	118.	129.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	165	6.	9.618	76.	0.5	125.027	11.182	1.5	2.5	12.	19.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	165	2.5	3.006	12.	0.	4.857	2.204	1.	1.5	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	165	3.	7.285	65.	0.5	93.303	9.659	1.5	2.5	8.	15.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	200##	0.05	0.052	0.94	0.02	0.005	0.069	0.02	0.02	0.05	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	200	0.01	0.014	0.7	0.005	0.002	0.05	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	188	0.695	0.717	4.8	0.02	0.137	0.371	0.45	0.543	0.847	0.972
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	198	0.2	0.22	2.6	0.05	0.068	0.26	0.05	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	13	0.6	0.591	1.	0.26	0.049	0.222	0.288	0.385	0.8	0.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	158##	0.05	0.092	0.5	0.05	0.005	0.073	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	121	0.03	0.043	0.53	0.005	0.004	0.06	0.01	0.02	0.05	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	174	3.	3.314	19.	0.5	5.946	2.439	1.	1.6	4.075	6.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	102	85.	88.853	138.	24.	785.909	28.034	54.	64.75	116.	123.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/88-09/13/95	64	3.	4.464	33.	0.7	27.621	5.256	3.	3.	4.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	64	7.	8.641	20.	4.	10.996	3.316	5.	6.	12.	13.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/17/89-04/19/93	32 ##	0.1	0.115	0.5	0.025	0.009	0.093	0.05	0.05	0.15	0.222
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/13/89-12/15/92	30	7.45	7.277	9.5	4.	1.973	1.405	5.33	6.275	8.425	9.18
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/76-07/14/82	5 ##	1.	0.9	1.	0.5	0.05	0.224	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/79-07/01/91	3	3.	3.167	4.9	1.6	2.743	1.656	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/83-06/02/83	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/74-07/14/82	6 ##	5.	4.25	5.	0.5	3.375	1.837	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/79-07/01/91	3 ##	0.1	0.227	0.5	0.08	0.056	0.237	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/79-07/01/91	3	9.2	8.967	11.	6.7	4.663	2.159	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/74-07/14/82	8 ##	5.	4.438	5.	0.5	2.531	1.591	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/03/74-07/14/82	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/79-07/01/91	3	4.	7.633	16.	2.9	52.803	7.267	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/29/78-08/29/78	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/03/74-07/14/82	8 ##	2.	2.875	6.	1.	4.696	2.167	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/79-07/01/91	3	25.	23.667	38.2	7.8	232.373	15.244	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/74-08/29/78	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/14/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/79-07/01/91	3	5.7	7.55	16.	0.95	59.193	7.694	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/01/91-07/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/03/74-07/14/82	8	20.	25.625	80.	5.	674.554	25.972	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/79-07/01/91	3	30.	33.633	47.	23.9	143.303	11.971	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/02/83-06/02/83	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/74-09/13/95	187	100.	570.053	8000.	50.	1662566.126	1289.405	50.	50.	500.	1500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/74-09/13/95	187	2.	2.256	3.903	1.699	0.352	0.593	1.699	1.699	2.699	3.176
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/74-09/13/95	187	2.	2.256	3.903	1.699	0.352	0.593	1.699	1.699	2.699	3.176
32240	TANNIN AND LIGNIN (MG/L)	05/19/92-04/19/93	3	0.2	0.4	0.8	0.2	0.12	0.346	**	**	**	**
34480	THALLIUM DRY WGTBTMG/KG	06/02/83-06/02/83	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/01/91-07/01/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/14/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/83-06/02/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/01/91-07/01/91	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/91-07/01/91	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/01/91-07/01/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/01/91-07/01/91	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	07/14/82-07/14/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/02/83-06/02/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/15/79-07/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/29/82-08/12/85	8	0.	0.025	0.1	0.	0.002	0.046	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/17/74-03/01/79	41 ##	0.05	0.185	5.1	0.05	0.62	0.787	0.05	0.05	0.05	0.1
70507	PHOSPHORUS IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	80	0.03	0.034	0.23	0.005	0.001	0.03	0.005	0.02	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	10/03/74-07/14/82	8 ##	0.25	0.225	0.25	0.15	0.002	0.046	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/79-07/01/91	3	0.2	0.3	0.6	0.1	0.07	0.265	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	07/01/91-07/01/91	1	100.	100.	100.	100.	0.	0.	**	**	**
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-06/08/94	26	5.65	11.665	94.	0.4	372.191	19.292	0.54	2.575	9.975

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Obs	Exceed	Obs	Exceed	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	26	1	0.04	7	0	0.00	13	0	0.00	6	1	0.17
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	13	0	0.00	17	0	0.00	12	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	166	0	0.00	56	0	0.00	70	0	0.00	40	0	0.00
00400	PH	Other-Hi Lim.	9.	206	25	0.12	67	6	0.09	88	12	0.14	51	7	0.14
		Other-Lo Lim.	6.5	206	0	0.00	67	0	0.00	88	0	0.00	51	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	108	0	0.00	34	0	0.00	47	0	0.00	27	0	0.00
		Other-Lo Lim.	6.5	108	1	0.01	34	0	0.00	47	1	0.02	27	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	200	0	0.00	62	0	0.00	88	0	0.00	50	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	188	0	0.00	58	0	0.00	81	0	0.00	49	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	64	0	0.00	19	0	0.00	28	0	0.00	17	0	0.00
		Drinking Water	250.	64	0	0.00	19	0	0.00	28	0	0.00	17	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	64	0	0.00	19	0	0.00	28	0	0.00	17	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	32	0	0.00	10	0	0.00	14	0	0.00	8	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00						
		Drinking Water	5.	1 &	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	1300.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	15.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00						
		Drinking Water	100.	1	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	5000.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	187	87	0.47	59	36	0.61	83	30	0.36	45	21	0.47
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	2	0	0.00						
		Drinking Water	1.	2	0	0.00	2	0	0.00						
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	2	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	2	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00						
39350	CHLORDANE (TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	2	0	0.00						
		Drinking Water	2.	2	0	0.00	2	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	2	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	2	0	0.00						
		Drinking Water	2.	2	0	0.00	2	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	2	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	2	0	0.00	2	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	2	0	0.00						
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	8	2	0.25	5	2	0.40	1	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	2.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	26	1	0.04	7	0	0.00	11	0	0.00	8	1	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	7	15.6	15.486	21.1	3.3	39.561	6.29	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	7	10.	10.1	12.8	8.1	2.13	1.459	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	7	8.3	8.271	9.	7.5	0.246	0.496	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	7	8.3	8.042	9.	7.5	0.307	0.554	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	7	0.005	0.009	0.032	0.001	0.	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	7###	0.05	0.064	0.1	0.05	0.001	0.024	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	7###	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	7	0.7	0.733	1.099	0.54	0.04	0.2	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	7	0.2	0.2	0.3	0.1	0.003	0.058	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	7	100.	135.714	300.	50.	7261.905	85.217	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	7	2.	2.068	2.477	1.699	0.063	0.25	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			116.993								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	7###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	12	13.85	13.808	22.2	3.3	48.237	6.945	4.32	7.8	21.375	22.2
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	12	10.5	10.092	13.5	5.1	4.377	2.092	5.91	9.25	11.2	12.93
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	12	8.	7.992	9.	7.	0.328	0.573	7.15	7.525	8.5	8.85
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	12	8.	7.681	9.	7.	0.434	0.658	7.15	7.525	8.5	8.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	12	0.01	0.021	0.1	0.001	0.001	0.027	0.002	0.003	0.03	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	11##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11	0.8	0.851	1.289	0.5	0.05	0.224	0.52	0.7	1.	1.251
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	10	0.1	0.165	0.4	0.05	0.014	0.12	0.055	0.1	0.3	0.39
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	7	4.	4.714	8.	3.	3.238	1.799	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	12##	50.	170.833	600.	50.	32481.061	180.225	50.	50.	275.	540.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	12##	1.699	2.029	2.778	1.699	0.182	0.426	1.699	1.699	2.433	2.725
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			106.991								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	11##	0.05	0.035	0.05	0.005	0.	0.021	0.005	0.01	0.05	0.05

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	9	13.9	14.322	25.	2.2	41.422	6.436	2.2	10.3	18.05	25.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	9	10.2	9.889	12.4	6.3	3.444	1.856	6.3	8.65	11.3	12.4
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.7	8.478	9.1	7.7	0.307	0.554	7.7	7.9	9.	9.1
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.7	8.187	9.1	7.7	0.402	0.634	7.7	7.9	9.	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	9	0.002	0.006	0.02	0.001	0.	0.007	0.001	0.001	0.013	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	9###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	9	0.62	0.712	1.039	0.51	0.045	0.212	0.51	0.525	0.95	1.039
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	10	0.1	0.145	0.3	0.05	0.01	0.098	0.05	0.05	0.225	0.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	8	4.5	4.5	6.	2.	2.286	1.512	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	100.	340.	1200.	50.	163777.778	404.695	50.	50.	650.	1160.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	2.	2.216	3.079	1.699	0.316	0.562	1.699	1.699	2.809	3.062
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			164.375								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	10	0.025	0.025	0.05	0.005	0.	0.013	0.006	0.018	0.03	0.048

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	6	13.25	14.583	22.	7.	27.642	5.258	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	6	9.15	10.367	14.4	7.1	9.859	3.14	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	6	8.5	8.483	9.2	7.7	0.326	0.571	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	6	8.5	8.199	9.2	7.7	0.422	0.65	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	6	0.003	0.006	0.02	0.001	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	5	0.01	0.148	0.7	0.005	0.095	0.309	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	5	0.2	0.21	0.4	0.05	0.016	0.124	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	5	700.	1250.	2600.	50.	1192500.	1092.016	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	5	2.845	2.829	3.415	1.699	0.471	0.686	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			675.013								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	5	0.02	0.032	0.08	0.005	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	7	19.	19.3	24.8	14.	22.65	4.759	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	7	8.4	8.771	10.	7.7	0.876	0.936	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	6	8.3	8.35	9.	8.	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	6	8.289	8.241	9.	8.	0.157	0.397	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	6	0.005	0.006	0.01	0.001	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	6	0.01	0.013	0.04	0.005	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	6	0.1	0.158	0.4	0.05	0.016	0.128	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	6	250.	766.667	3300.	50.	1597666.667	1263.988	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	6	2.389	2.423	3.519	1.699	0.489	0.699	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			265.023								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	6 ##	0.013	0.019	0.05	0.005	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	11	16.1	13.609	21.	4.	32.509	5.702	4.6	7.	17.5	20.3
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	9	170.	269.889	1093.	80.	98561.611	313.945	80.	119.	238.5	1093.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	9	10.6	10.578	12.3	8.5	1.439	1.2	8.5	9.65	11.5	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	8	1.	0.938	1.	0.5	0.031	0.177	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	9	6.	6.111	10.	2.	7.861	2.804	2.	3.5	8.5	10.
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	11	7.8	8.018	9.	7.1	0.38	0.616	7.18	7.5	8.5	8.92
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	11	7.8	7.693	9.	7.1	0.496	0.704	7.18	7.5	8.5	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	11	0.016	0.02	0.079	0.001	0.001	0.023	0.001	0.003	0.032	0.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	8.	10.667	20.	5.	27.	5.196	5.	6.5	15.	20.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	5.	4.889	9.	1.	7.111	2.667	1.	2.5	7.	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	6.	5.944	11.	0.5	15.403	3.925	0.5	2.	9.5	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	9	0.5	0.533	0.7	0.31	0.022	0.149	0.31	0.395	0.7	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	11	0.2	0.255	0.7	0.05	0.048	0.22	0.05	0.1	0.4	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	9 ##	0.05	0.111	0.4	0.05	0.014	0.119	0.05	0.05	0.15	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	9	0.02	0.016	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	9	6.	6.111	10.	4.	3.111	1.764	4.	5.	7.	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	200.	1111.111	8000.	50.	6720486.111	2592.39	50.	75.	600.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	2.301	2.416	3.903	1.699	0.465	0.682	1.699	1.849	2.772	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			260.895								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	10	12.25	14.07	25.5	3.	48.153	6.939	3.49	8.725	20.4	25.05
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	10	252.	227.6	283.	136.	2907.378	53.92	137.7	181.5	272.25	282.3
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	10	10.95	10.71	11.8	9.4	0.857	0.926	9.42	9.75	11.55	11.79
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	10	1.	1.	2.	0.5	0.167	0.408	0.5	0.875	1.	1.9
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	10	2.5	3.4	9.	0.5	9.544	3.089	0.5	0.875	5.75	8.9
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	10	9.	8.76	9.3	7.7	0.212	0.46	7.77	8.475	9.	9.27
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	10	9.	8.461	9.3	7.7	0.311	0.558	7.77	8.475	9.	9.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	10	0.001	0.003	0.02	0.001	0.	0.006	0.001	0.001	0.003	0.018
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	8.	8.9	28.	2.5	66.433	8.151	2.5	2.5	11.75	26.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	2.5	2.4	6.	0.	2.378	1.542	0.1	1.75	2.625	5.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	4.75	7.5	26.	2.	57.278	7.568	2.05	2.5	9.5	24.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	10##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10##	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10	0.6	0.658	0.9	0.48	0.015	0.121	0.492	0.6	0.725	0.89
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	10	0.1	0.135	0.3	0.05	0.006	0.075	0.055	0.1	0.2	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	10##	0.05	0.08	0.2	0.05	0.002	0.048	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	10	0.015	0.026	0.08	0.005	0.001	0.026	0.005	0.009	0.045	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	10	6.5	5.5	7.	3.	3.389	1.841	3.	3.	7.	7.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	150.	290.	1500.	50.	199888.889	447.089	50.	50.	275.	1400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	2.151	2.157	3.176	1.699	0.251	0.501	1.699	1.699	2.401	3.128
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			143.682								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	11	13.	12.918	22.	1.	40.958	6.4	2.16	8.1	19.5	21.76
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	11	246.	237.091	286.	155.	1776.691	42.151	161.8	190.	270.	283.8
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	11	10.9	10.891	13.2	9.	1.693	1.301	9.	10.4	11.4	13.12
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	11	1.	1.364	3.	1.	0.455	0.674	1.	1.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	11	6.	6.364	15.	3.	11.255	3.355	3.	4.	8.	13.6
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.16	8.3	9.5	7.	0.458	0.677	7.148	8.	8.7	9.4
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.16	7.828	9.5	7.	0.704	0.839	7.148	8.	8.7	9.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	11	0.007	0.015	0.1	0.	0.001	0.029	0.	0.002	0.01	0.084
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	9.	12.409	56.	2.5	230.791	15.192	2.5	2.5	14.	48.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	2.5	3.5	10.	1.	7.7	2.775	1.	1.	6.	9.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	5.	9.591	46.	2.	165.491	12.864	2.1	2.5	13.	39.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	11##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11	0.5	0.56	1.	0.29	0.049	0.22	0.296	0.43	0.8	0.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	11	0.1	0.168	0.4	0.05	0.011	0.106	0.06	0.1	0.2	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	11##	0.05	0.141	0.5	0.05	0.026	0.161	0.05	0.05	0.2	0.48
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	11	0.06	0.115	0.53	0.005	0.022	0.148	0.012	0.04	0.17	0.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	11	5.	6.773	19.	0.5	25.368	5.037	0.8	4.	9.	17.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	11 ##	50.	350.	3100.	50.	834000.	913.236	50.	50.	100.	2520.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	11 ##	1.699	1.971	3.491	1.699	0.294	0.542	1.699	1.699	2.	3.253
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	11 ##	1.699	1.971	3.491	1.699	0.294	0.542	1.699	1.699	2.	3.253
	GEOMETRIC MEAN =			93.622									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	9	13.	13.389	20.	5.	30.736	5.544	5.	8.5	19.75	20.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	9	207.	189.556	289.	56.	6062.278	77.861	56.	125.	250.	289.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	9	11.2	10.889	13.8	8.5	2.201	1.484	8.5	9.75	11.45	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	9	1.	1.222	2.	1.	0.194	0.441	1.	1.	1.5	2.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	9	8.	9.111	18.	1.	32.111	5.667	1.	4.5	14.	18.
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	8	7.985	8.109	9.	7.5	0.235	0.485	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	8	7.983	7.925	9.	7.5	0.274	0.523	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	8	0.01	0.012	0.032	0.001	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	9.	21.333	76.	2.5	758.688	27.544	2.5	3.75	38.5	76.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	4.	4.667	11.	2.	7.938	2.817	2.	2.5	6.	11.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	4.	17.222	65.	1.	619.382	24.887	1.	2.5	34.	65.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	9 ##	0.05	0.083	0.2	0.05	0.004	0.066	0.05	0.05	0.125	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	8	0.01	0.014	0.05	0.005	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	9	0.7	1.112	4.8	0.3	1.951	1.397	0.3	0.495	0.9	4.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	9	0.2	0.233	0.4	0.1	0.013	0.112	0.1	0.15	0.35	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	9	0.1	0.106	0.2	0.05	0.003	0.058	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	9	0.06	0.072	0.17	0.02	0.002	0.044	0.02	0.05	0.095	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	9	4.	3.667	6.	1.	3.5	1.871	1.	2.	5.5	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	600.	1277.778	5800.	50.	3213819.444	1792.713	50.	175.	1600.	5800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	2.778	2.728	3.763	1.699	0.47	0.686	1.699	2.088	3.203	3.763
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	2.778	2.728	3.763	1.699	0.47	0.686	1.699	2.088	3.203	3.763
	GEOMETRIC MEAN =			535.053									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	11	14.	13.373	22.	3.6	41.758	6.462	3.68	9.	20.5	21.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	11	193.	175.182	238.	79.	2784.564	52.769	82.4	133.	214.	234.8
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	11	11.	11.045	13.	9.5	1.141	1.068	9.52	10.2	12.	12.82
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	10	1.	1.05	2.	0.5	0.136	0.369	0.55	1.	1.	1.9
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	11	3.	4.545	14.	0.5	14.423	3.798	0.5	3.	7.	12.6
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.2	8.123	9.	7.05	0.471	0.686	7.14	7.5	9.	9.
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.2	7.712	9.	7.05	0.656	0.81	7.14	7.5	9.	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	11	0.006	0.019	0.089	0.001	0.001	0.026	0.001	0.001	0.032	0.078
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	7.	9.5	19.	2.5	34.55	5.878	3.	5.	17.	18.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	3.	3.318	7.	1.	2.914	1.707	1.2	2.	5.	6.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	4.	6.409	14.	2.	22.041	4.695	2.	2.	12.	13.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11	0.6	0.621	1.	0.11	0.053	0.231	0.17	0.54	0.8	0.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	11	0.4	0.359	0.9	0.05	0.057	0.24	0.06	0.1	0.5	0.82
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	11 ##	0.05	0.064	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	11	0.04	0.044	0.09	0.01	0.001	0.024	0.012	0.03	0.06	0.086
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	11	2.	2.318	6.	0.5	2.764	1.662	0.5	0.5	3.	5.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10 ##	125.	705.	4000.	50.	1562472.222	1249.989	50.	50.	975.	3750.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10 ##	2.	2.295	3.602	1.699	0.518	0.72	1.699	1.699	2.971	3.559
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 197.435											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	8	12.65	12.938	18.	6.	17.957	4.238	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	8	138.	165.875	260.	98.	4434.125	66.589	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	8	10.8	10.863	14.	8.	4.588	2.142	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	8	1.	1.125	2.	1.	0.125	0.354	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	8	2.5	2.813	8.	0.5	5.281	2.298	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	8	8.04	8.226	9.1	7.68	0.349	0.591	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	8	7.966	7.973	9.1	7.68	0.423	0.65	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	8	0.011	0.011	0.021	0.001	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	8 ##	5.25	12.625	43.	2.5	210.125	14.496	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	8 ##	2.5	3.25	6.	2.	2.071	1.439	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	8 ##	4.25	10.625	37.	2.5	150.982	12.287	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	8 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	8	0.705	0.746	1.14	0.47	0.05	0.224	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	8	0.2	0.219	0.5	0.05	0.021	0.146	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	8 ##	0.05	0.075	0.2	0.05	0.003	0.053	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	8	0.03	0.033	0.05	0.02	0.	0.013	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	8	2.5	2.125	3.	0.5	1.196	1.094	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	8 ##	75.	462.5	2500.	50.	726964.286	852.622	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	8 ##	1.849	2.167	3.398	1.699	0.414	0.643	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 147.06											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	11	9.5	11.582	20.2	0.1	44.926	6.703	0.88	7.3	18.5	20.16
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	11	190.	177.273	240.	112.	2061.618	45.405	115.	129.	226.	237.8
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	11	10.5	11.009	13.5	8.7	2.531	1.591	8.84	9.8	12.6	13.42
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	11	1.	1.	2.	0.5	0.3	0.548	0.5	0.5	1.	2.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	11	1.	1.864	5.	0.5	2.705	1.645	0.5	0.5	3.	4.8
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	10	7.95	7.87	8.3	7.2	0.151	0.389	7.22	7.475	8.225	8.3
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	10	7.947	7.705	8.3	7.2	0.181	0.426	7.22	7.475	8.225	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	10	0.011	0.02	0.063	0.005	0.	0.019	0.005	0.006	0.034	0.061
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	11	7.6	7.691	8.1	7.3	0.069	0.263	7.32	7.5	7.9	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	11	7.6	7.622	8.1	7.3	0.074	0.272	7.32	7.5	7.9	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	11	0.025	0.024	0.05	0.008	0.	0.014	0.008	0.013	0.032	0.048
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	11	78.	79.455	106.	47.	410.873	20.27	49.	57.	99.	105.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	6.	8.	19.	2.5	37.1	6.091	2.5	2.5	13.	18.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	3.	3.273	7.	2.	1.918	1.385	2.1	2.5	4.	6.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	11	5.	5.864	16.	1.	20.155	4.489	1.3	2.5	9.	14.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	10###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10	0.62	0.713	1.	0.45	0.045	0.213	0.455	0.538	0.962
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	8	0.2	0.194	0.3	0.05	0.01	0.102	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	8##	0.05	0.106	0.3	0.05	0.009	0.094	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	10	0.03	0.033	0.07	0.02	0.	0.015	0.02	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	11	2.	2.636	4.	1.	1.055	1.027	1.2	2.	4.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	10	84.	88.7	134.	50.	604.456	24.586	51.6	70.5	108.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	11	200.	304.545	1000.	50.	94727.273	307.778	50.	50.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	11	2.301	2.266	3.	1.699	0.225	0.475	1.699	1.699	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			184.435							2.969

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	13	13.5	12.069	20.5	2.2	38.487	6.204	3.6	6.4	18.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	13	221.	206.462	248.	141.	1215.269	34.861	143.8	179.5	232.5
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	13	11.	10.854	13.9	7.8	4.138	2.034	8.04	8.9	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	13	1.	1.077	2.	0.5	0.202	0.449	0.5	1.	2.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	13	2.	3.269	13.	0.5	9.942	3.153	0.7	2.	3.5
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	13	8.1	8.115	8.8	6.8	0.248	0.498	7.18	7.875	8.45
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	13	8.1	7.719	8.8	6.8	0.418	0.647	7.18	7.875	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	13	0.008	0.019	0.158	0.002	0.002	0.042	0.002	0.004	0.013
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	13	7.9	7.785	8.1	7.3	0.055	0.234	7.38	7.6	7.95
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	13	7.9	7.721	8.1	7.3	0.059	0.243	7.38	7.6	7.95
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	13	0.013	0.019	0.05	0.008	0.	0.012	0.009	0.011	0.026
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	13	94.	90.308	111.	63.	248.064	15.75	65.	77.	103.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	13	6.	9.462	34.	2.5	88.311	9.397	2.5	2.5	15.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	13	4.	3.692	6.	2.5	1.772	1.331	2.5	2.5	4.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	13	2.5	6.923	28.	1.	58.952	7.678	1.4	2.5	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	13###	0.05	0.062	0.2	0.05	0.002	0.042	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	13	0.01	0.011	0.04	0.005	0.	0.009	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	13	0.59	0.622	0.96	0.4	0.024	0.154	0.436	0.515	0.725
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	13	0.1	0.181	0.6	0.05	0.024	0.153	0.05	0.075	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	13	0.1	0.117	0.2	0.05	0.004	0.061	0.05	0.06	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	13	0.05	0.062	0.32	0.01	0.007	0.082	0.01	0.02	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	13	3.	3.	4.	2.	0.667	0.816	2.	2.	4.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	12	108.	102.	122.	70.	322.182	17.949	72.4	85.5	118.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	13###	50.	365.385	1900.	50.	315160.256	561.391	50.	50.	500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	13###	1.699	2.155	3.279	1.699	0.351	0.592	1.699	1.699	2.661
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			142.82							3.184

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	9	14.5	13.511	21.9	4.3	51.424	7.171	4.3	6.1	21.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	10	161.5	178.2	249.	119.	2671.067	51.682	120.	129.75	241.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	9	10.	10.156	11.8	8.1	2.403	1.55	8.1	8.75	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	10	1.	0.8	1.	0.5	0.067	0.258	0.5	0.5	1.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	10	5.	5.5	12.	1.	12.944	3.598	1.	2.5	7.75
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.	7.976	8.31	7.2	0.123	0.351	7.2	7.8	8.235

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.	7.813	8.31	7.2	0.153	0.391	7.2	7.8	8.235	8.31
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	9	0.01	0.015	0.063	0.005	0.	0.018	0.005	0.006	0.016	0.063
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	10	7.4	7.36	7.9	6.6	0.209	0.458	6.62	7.025	7.825	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	10	7.389	7.145	7.9	6.6	0.261	0.511	6.62	7.025	7.825	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	10	0.041	0.072	0.251	0.013	0.006	0.078	0.013	0.015	0.099	0.242
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	10	59.	66.	108.	45.	601.333	24.522	45.	45.75	81.75	108.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	6.5	8.15	18.	2.5	33.614	5.798	2.5	2.5	13.25	17.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	10###	2.5	4.25	12.	1.	12.292	3.506	1.15	2.5	6.	11.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	10###	2.5	5.	15.	2.	25.389	5.039	2.05	2.5	6.5	14.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	10###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10###	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	10	0.725	0.715	0.9	0.45	0.02	0.142	0.463	0.595	0.823	0.899
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	10	0.15	0.39	2.6	0.05	0.609	0.781	0.05	0.088	0.225	2.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	10###	0.05	0.09	0.2	0.05	0.004	0.061	0.05	0.05	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	10	0.025	0.028	0.05	0.005	0.	0.013	0.007	0.02	0.04	0.049
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	8	3.	2.75	4.	2.	0.5	0.707	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	10	68.	79.6	124.	50.	902.044	30.034	50.4	55.5	117.5	123.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	100.	161.111	600.	50.	32986.111	181.621	50.	50.	200.	600.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	2.	2.039	2.778	1.699	0.136	0.369	1.699	1.699	2.239	2.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			109.429								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	7	16.6	13.686	20.4	1.5	44.415	6.664	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	7	226.	214.429	247.	166.	919.286	30.32	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	7	9.8	10.3	13.3	9.	2.427	1.558	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	7	1.	1.	2.	0.5	0.25	0.5	**	**	**	**
00340	COD, 25N K2CR2O7 MG/L	04/30/79-09/13/95	7	4.	5.286	15.	1.	22.238	4.716	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	7	8.21	8.14	8.64	7.53	0.126	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	7	8.21	8.007	8.64	7.53	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	7	0.006	0.01	0.03	0.002	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	7	7.9	7.829	7.9	7.6	0.012	0.111	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	7	7.9	7.815	7.9	7.6	0.013	0.112	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	7	0.013	0.015	0.025	0.013	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	6	91.5	90.333	103.	70.	180.667	13.441	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	7	2.5	2.5	4.	1.	1.5	1.225	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	7	2.5	2.071	4.	1.	1.286	1.134	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	7###	2.5	1.786	3.	0.5	1.155	1.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	7###	0.02	0.036	0.07	0.02	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	7	0.01	0.019	0.06	0.005	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	7	0.72	0.671	0.85	0.36	0.025	0.159	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	7	0.1	0.143	0.3	0.1	0.006	0.079	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	7	0.1	0.093	0.1	0.05	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	7	0.03	0.027	0.05	0.01	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	5	1.	1.1	1.5	0.8	0.11	0.332	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	7	110.	102.	122.	74.	277.333	16.653	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	8###	75.	75.	100.	50.	714.286	26.726	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	8###	1.849	1.849	2.	1.699	0.026	0.161	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			70.711								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	9	19.	14.678	19.5	3.6	49.399	7.028	3.6	6.25	19.5	19.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	4	158.	166.25	200.	149.	548.25	23.415	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	2	149.5	149.5	169.	130.	760.5	27.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	9	9.1	9.722	11.9	8.	2.542	1.594	8.	8.5	11.7	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	6	1.	1.083	2.	0.5	0.242	0.492	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	6	3.	5.	16.	2.	29.6	5.441	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.33	8.346	8.93	8.1	0.067	0.26	8.1	8.15	8.47	8.93
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.33	8.291	8.93	8.1	0.071	0.266	8.1	8.15	8.47	8.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	9	0.005	0.005	0.008	0.001	0.	0.002	0.001	0.003	0.007	0.008
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	6	7.65	7.717	7.9	7.6	0.022	0.147	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	6	7.647	7.697	7.9	7.6	0.022	0.149	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	6	0.023	0.02	0.025	0.013	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	6	65.	67.833	88.	53.	157.767	12.561	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	6	3.5	7.083	26.	0.5	91.442	9.563	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	6	2.5	2.75	5.	0.5	3.775	1.943	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	6	1.5	4.5	21.	0.5	65.8	8.112	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	5##	0.02	0.026	0.05	0.02	0.	0.013	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	5	0.01	0.013	0.03	0.005	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	5	0.84	0.79	0.93	0.56	0.022	0.149	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	5	0.2	0.31	0.6	0.05	0.053	0.23	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	5	0.1	0.1	0.2	0.05	0.004	0.061	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	5	0.03	0.032	0.05	0.02	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	6	1.4	1.483	2.8	0.5	0.586	0.765	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	6	75.	78.	100.	62.	180.8	13.446	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	5	3.	3.6	5.	3.	0.8	0.894	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	5	7.	6.8	8.	6.	0.7	0.837	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	5	500.	570.	1200.	50.	229500.	479.062	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	5	2.699	2.546	3.079	1.699	0.313	0.559	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			351.948								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	5	6.7	9.32	20.5	2.1	50.572	7.111	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	5	168.	174.8	252.	131.	2279.7	47.746	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	5	11.2	10.48	12.5	8.4	3.337	1.827	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	5	1.	1.3	3.	0.5	0.95	0.975	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	5	4.	3.5	7.	0.5	6.	2.449	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	5	8.16	8.142	8.44	7.82	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	5	8.16	8.08	8.44	7.82	0.074	0.272	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	5	0.007	0.008	0.015	0.004	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	5	7.5	7.66	8.1	7.4	0.083	0.288	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	5	7.5	7.596	8.1	7.4	0.088	0.297	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	5	0.032	0.025	0.04	0.008	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	5	75.	75.2	115.	53.	593.2	24.356	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	5	11.	12.5	28.	0.5	98.25	9.912	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	5	4.	3.7	6.	0.5	5.95	2.439	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	5	8.	8.9	22.	0.5	64.55	8.034	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	5##	0.02	0.036	0.07	0.02	0.001	0.023	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	5	0.01	0.01	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	5	0.78	0.902	1.69	0.55	0.206	0.454	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	5	0.2	0.26	0.4	0.2	0.008	0.089	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	5	0.1	0.08	0.1	0.05	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	5	0.02	0.028	0.05	0.01	0.	0.016	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	5	1.4	1.66	3.	1.1	0.578	0.76	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	5	84.	84.4	126.	60.	666.8	25.822	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	5	3.	3.4	4.	3.	0.3	0.548	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	5	6.	9.2	20.	5.	38.7	6.221	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	2 ##	575.	575.	1100.	50.	551250.	742.462	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	2 ##	2.37	2.37	3.041	1.699	0.901	0.949	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			234.521								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	10	15.4	15.14	21.5	7.	22.894	4.785	7.14	11.625	19.375	21.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	10	243.	219.4	260.	128.	2018.711	44.93	131.8	185.5	251.5	259.9
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	10	10.4	10.22	11.5	8.8	1.011	1.005	8.83	9.25	11.25	11.49
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	10	1.	1.15	2.	0.5	0.392	0.626	0.5	0.5	2.	2.
00340	COD, 25N K2CR2O7 MG/L	04/30/79-09/13/95	9	8.	7.5	11.	0.5	13.875	3.725	0.5	4.5	11.	11.
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	10	8.	7.885	8.7	7.2	0.2	0.447	7.21	7.525	8.163	8.65
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	10	8.	7.691	8.7	7.2	0.242	0.492	7.21	7.525	8.162	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	10	0.01	0.02	0.063	0.002	0.	0.02	0.002	0.007	0.031	0.062
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	10	8.	7.87	8.2	7.4	0.065	0.254	7.41	7.65	8.	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	10	8.	7.795	8.2	7.4	0.071	0.266	7.41	7.65	8.	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	10	0.01	0.016	0.04	0.006	0.	0.011	0.007	0.01	0.023	0.039
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	10	109.	96.3	115.	54.	500.9	22.381	55.1	79.25	113.5	115.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	6.	6.65	20.	1.5	31.725	5.632	1.5	2.25	8.75	19.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	1.25	1.55	3.	1.	0.525	0.725	1.	1.	2.125	2.95
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	10	5.	5.65	18.	1.5	24.503	4.95	1.5	1.875	7.25	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	9 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	9	0.91	0.824	1.04	0.49	0.041	0.203	0.49	0.615	0.995	1.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	9	0.2	0.183	0.4	0.05	0.01	0.1	0.05	0.1	0.2	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	9	0.1	0.078	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	9	0.02	0.016	0.03	0.005	0.	0.008	0.005	0.008	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	9	1.4	1.433	2.3	0.5	0.222	0.472	0.5	1.3	1.65	2.3
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	9	122.	115.556	138.	62.	501.778	22.4	62.	110.	130.	138.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	9	3.	6.444	33.	2.	99.528	9.976	2.	3.	4.	33.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	9	11.	9.667	13.	5.	8.75	2.958	5.	7.	12.	13.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	3	300.	400.	800.	100.	130000.	360.555	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	3	2.477	2.46	2.903	2.	0.204	0.452	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			288.45								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	12	14.35	12.542	20.5	0.5	40.619	6.373	1.58	6.925	17.925	20.38
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	12	152.5	164.417	253.	45.	3285.902	57.323	71.1	132.5	220.5	248.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/24/92-09/13/95	10	9.45	9.67	12.4	7.7	2.645	1.626	7.72	8.2	11.05	12.34
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	3	13.1	12.133	13.2	10.1	3.103	1.762	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	12	1.	1.042	2.	0.5	0.248	0.498	0.5	0.625	1.	2.
00340	COD, 25N K2CR2O7 MG/L	04/30/79-09/13/95	12	10.	12.333	31.	1.	93.333	9.661	1.3	4.75	19.	30.1
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	12	7.87	7.928	9.5	6.9	0.421	0.649	7.02	7.575	8.075	9.23
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	12	7.869	7.602	9.5	6.9	0.537	0.733	7.02	7.575	8.075	9.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	12	0.014	0.025	0.126	0.	0.001	0.034	0.001	0.008	0.028	0.103

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	12	7.9	7.817	8.2	6.9	0.154	0.393	7.05	7.55	8.175	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	12	7.9	7.609	8.2	6.9	0.201	0.449	7.05	7.55	8.175	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	12	0.013	0.025	0.126	0.006	0.001	0.034	0.006	0.007	0.029	0.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	12	64.	119.333	673.	13.	31220.606	176.694	24.1	51.25	103.5	505.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	7.5	14.25	48.	1.	236.205	15.369	1.9	4.25	22.5	45.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	1.	2.	6.	0.	3.636	1.907	0.3	1.	3.5	5.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	6.5	12.25	43.	1.	188.568	13.732	1.6	3.25	17.5	40.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	12###	0.02	0.033	0.14	0.02	0.001	0.034	0.02	0.02	0.035	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	12###	0.008	0.011	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	12	0.655	0.669	0.99	0.27	0.039	0.197	0.339	0.538	0.803	0.969
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	12	0.2	0.25	0.6	0.1	0.017	0.131	0.1	0.2	0.3	0.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	12###	0.075	0.083	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	12	4.2	4.267	9.5	0.5	8.673	2.945	0.5	1.45	6.1	9.23
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	12	71.	77.5	126.	24.	891.545	29.859	34.8	61.25	108.	124.5
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	12	3.	5.25	33.	1.	76.75	8.761	1.3	3.	3.	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	12	7.	7.833	13.	4.	7.788	2.791	4.6	6.	10.5	12.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	450.	1380.	8000.	50.	5867888.889	2422.373	50.	87.5	1675.	7390.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	2.628	2.608	3.903	1.699	0.568	0.753	1.699	1.925	3.223	3.841
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			405.562								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	8	0.025	0.035	0.11	0.01	0.001	0.033	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	12	13.2	12.958	24.3	2.9	53.781	7.334	3.23	6.35	19.15	23.88
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	12	169.	178.167	257.	95.	4479.606	66.93	98.9	114.75	249.5	255.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/24/92-09/13/95	12	11.2	11.008	14.	7.	4.052	2.013	7.63	9.625	12.55	13.97
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	12	1.	1.25	5.	0.5	1.432	1.197	0.5	1.	1.	3.8
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	12	5.	5.667	15.	2.5	14.697	3.834	2.5	2.5	7.5	13.5
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	12	7.3	7.5	8.2	6.9	0.238	0.488	6.93	7.125	8.075	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	12	7.3	7.305	8.2	6.9	0.279	0.529	6.93	7.125	8.075	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	12	0.05	0.049	0.126	0.006	0.002	0.039	0.006	0.008	0.075	0.118
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	12	7.8	7.75	8.4	7.	0.199	0.446	7.03	7.375	8.1	8.34
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	12	7.789	7.537	8.4	7.	0.249	0.499	7.03	7.375	8.1	8.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	12	0.016	0.029	0.1	0.004	0.001	0.031	0.005	0.008	0.044	0.094
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	12	69.	74.75	114.	37.	1071.114	32.728	37.3	44.25	110.75	113.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	7.	8.417	25.	1.5	45.492	6.745	1.5	4.	10.5	22.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	1.5	3.	10.	1.	9.955	3.155	1.	1.	5.	9.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	5.5	5.667	17.	1.5	16.561	4.069	1.5	3.	6.75	14.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	12###	0.02	0.102	0.94	0.02	0.07	0.265	0.02	0.02	0.02	0.682
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	12	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.006	0.02	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	12	0.755	0.787	1.35	0.53	0.047	0.216	0.545	0.655	0.845	1.242
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	12	0.15	0.329	2.2	0.05	0.354	0.595	0.065	0.1	0.275	1.63
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	12###	0.05	0.083	0.4	0.05	0.01	0.101	0.05	0.05	0.05	0.31
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	12	2.05	2.542	5.7	1.2	1.895	1.377	1.23	1.45	3.425	5.28
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	12	89.	87.333	128.	38.	1338.424	36.584	39.8	51.5	125.	128.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	11	4.	3.7	5.	0.7	1.39	1.179	1.16	3.	4.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	11	7.	9.273	14.	5.	14.618	3.823	5.2	6.	13.	14.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	200.	1670.	8000.	50.	9261777.778	3043.317	50.	87.5	2375.	7880.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10	2.301	2.517	3.903	1.699	0.646	0.804	1.699	1.925	3.174	3.896
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			328.622								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	12	0.025	0.044	0.23	0.01	0.004	0.06	0.01	0.02	0.048	0.176

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	11	14.1	13.345	21.8	3.6	46.031	6.785	3.82	5.5	20.1	21.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	12	210.	190.917	255.	87.	3550.447	59.586	98.7	133.25	240.75	254.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/24/92-09/13/95	11	11.6	11.527	14.6	8.8	3.146	1.774	8.82	10.4	12.9	14.36
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	12 ##	0.75	0.875	2.	0.5	0.218	0.467	0.5	0.5	1.175	1.76
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	11	7.	8.591	33.	2.5	74.391	8.625	2.5	2.5	9.	28.8
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.2	8.173	8.9	7.6	0.148	0.385	7.62	7.8	8.4	8.84
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	11	8.2	8.032	8.9	7.6	0.17	0.412	7.62	7.8	8.4	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	11	0.006	0.009	0.025	0.001	0.	0.008	0.002	0.004	0.016	0.024
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	12	7.9	7.642	8.3	6.5	0.272	0.521	6.65	7.25	8.	8.21
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	12	7.9	7.289	8.3	6.5	0.408	0.638	6.65	7.25	8.	8.21
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	12	0.013	0.051	0.316	0.005	0.008	0.088	0.007	0.01	0.057	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	12	93.	82.833	115.	26.	919.788	30.328	33.8	55.75	108.5	114.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	4.	6.625	31.	1.5	69.688	8.348	1.5	1.5	9.5	24.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	12 ##	1.5	1.667	4.	1.	0.652	0.807	1.	1.125	1.875	3.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	12	3.	5.625	27.	1.5	51.96	7.208	1.5	1.5	7.75	21.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	11 ##	0.02	0.022	0.04	0.02	0.	0.006	0.02	0.02	0.02	0.036
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11	0.01	0.018	0.04	0.005	0.	0.014	0.005	0.005	0.03	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	11	0.84	0.765	0.94	0.43	0.035	0.187	0.434	0.65	0.91	0.938
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	11	0.2	0.195	0.3	0.05	0.007	0.085	0.06	0.1	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	11 ##	0.05	0.073	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	11	1.6	1.682	3.1	0.5	0.692	0.832	0.6	1.	2.7	3.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	11	86.	86.636	118.	36.	903.455	30.058	39.6	60.	115.	118.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	12	4.	4.167	6.	3.	1.061	1.03	3.	3.	5.	5.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	12	7.5	8.5	14.	4.	10.636	3.261	4.	6.	11.5	13.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10 ##	75.	145.	300.	50.	13583.333	116.548	50.	50.	300.	300.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	10 ##	1.849	2.023	2.477	1.699	0.136	0.368	1.699	1.699	2.477	2.477
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			105.372								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	11	0.04	0.033	0.06	0.005	0.	0.019	0.006	0.02	0.05	0.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	9	19.3	15.044	23.7	3.3	53.955	7.345	3.3	7.5	20.2	23.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	9	162.	180.556	288.	104.	3813.028	61.75	104.	132.5	230.	288.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/24/92-09/13/95	9	10.7	10.822	13.	8.7	2.444	1.563	8.7	9.35	12.25	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	9	1.	1.456	4.	0.5	1.608	1.268	0.5	0.5	2.4	4.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	8 ##	4.25	4.75	8.	2.5	6.357	2.521	**	**	**	**
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.2	8.244	9.3	7.3	0.363	0.602	7.3	7.75	8.65	9.3
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	9	8.2	7.915	9.3	7.3	0.485	0.696	7.3	7.75	8.65	9.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	9	0.006	0.012	0.05	0.001	0.	0.016	0.001	0.002	0.019	0.05
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	9	7.5	7.544	8.5	6.6	0.315	0.561	6.6	7.2	7.95	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	9	7.5	7.252	8.5	6.6	0.411	0.641	6.6	7.2	7.95	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	9	0.032	0.056	0.251	0.003	0.006	0.076	0.003	0.013	0.063	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	9	68.	72.778	111.	36.	722.444	26.878	36.	50.5	99.5	111.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	3.	3.889	12.	1.5	11.736	3.426	1.5	1.5	5.	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	9	3.	3.333	10.	1.5	7.375	2.716	1.5	1.5	4.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	8 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	8	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	8	0.555	0.588	0.88	0.39	0.038	0.196	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	8	0.1	0.106	0.2	0.05	0.004	0.062	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	8 ##	0.05	0.069	0.1	0.05	0.001	0.026	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	8	2.4	2.6	5.6	1.1	1.949	1.396	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	8	69.	72.625	120.	40.	623.125	24.962	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	9	4.	3.667	4.	3.	0.25	0.5	3.	3.	4.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	9	8.	8.333	13.	5.	7.	2.646	5.	6.5	10.5	13.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	100.	338.889	1600.	50.	245486.111	495.466	50.	50.	400.	1600.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	9	2.	2.22	3.204	1.699	0.28	0.529	1.699	1.699	2.602	3.204
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			166.055								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	8	0.03	0.028	0.03	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	69	19.5	18.83	25.5	2.1	14.128	3.759	14.	16.8	20.9	22.2
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	33	232.	227.848	289.	80.	2017.258	44.914	182.6	217.	248.	280.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	19	245.	233.053	288.	130.	1375.386	37.086	182.	206.	255.	261.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	56	9.1	9.327	11.4	6.3	1.037	1.018	8.07	8.55	10.	10.69
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	52	1.	0.975	4.	0.5	0.309	0.556	0.5	0.5	1.	1.14
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	50	5.	6.17	31.	0.5	25.588	5.058	1.1	3.	8.	11.9
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	67	8.16	8.16	9.	7.	0.214	0.463	7.5	7.89	8.47	8.92
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	67	8.16	7.914	9.	7.	0.275	0.525	7.5	7.89	8.47	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	67	0.007	0.012	0.1	0.001	0.	0.017	0.001	0.003	0.013	0.032
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	34	7.9	7.929	8.5	7.4	0.055	0.234	7.6	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	34	7.9	7.867	8.5	7.4	0.059	0.243	7.6	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	34	0.013	0.014	0.04	0.003	0.	0.008	0.006	0.008	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	33	104.	100.273	115.	53.	213.142	14.599	75.8	94.	109.5	114.6
00500	RESIDUE, TOTAL (MG/L)	04/30/79-08/13/92	13	153.	136.308	170.	63.	1252.731	35.394	63.4	123.	158.	168.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/79-08/13/92	13	33.	34.231	68.	2.	441.359	21.009	3.2	20.	52.5	66.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/79-08/13/92	13	111.	102.077	138.	44.	912.244	30.203	49.6	76.5	125.5	134.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	52	8.	10.904	43.	1.	84.942	9.216	1.5	4.	16.25	26.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	52	2.75	3.5	12.	1.	5.706	2.389	1.	1.5	5.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	52	5.	7.865	37.	0.5	62.707	7.919	1.5	2.5	10.75	20.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	61 ##	0.05	0.047	0.2	0.02	0.001	0.026	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	62	0.01	0.012	0.05	0.005	0.	0.01	0.005	0.005	0.013	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	58	0.7	0.743	1.69	0.32	0.062	0.248	0.478	0.587	0.893	1.046
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	61	0.2	0.241	0.9	0.05	0.025	0.159	0.1	0.1	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	48	0.1	0.105	0.4	0.05	0.005	0.07	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	37	0.04	0.047	0.17	0.01	0.001	0.03	0.02	0.03	0.055	0.082
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	55	3.	3.438	8.	0.5	3.805	1.951	1.22	1.7	5.	6.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	31	116.	112.29	136.	62.	306.28	17.501	83.2	106.	124.	128.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	19	4.	5.316	33.	3.	45.561	6.75	3.	3.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	19	12.	11.526	20.	6.	9.263	3.044	8.	9.	13.	14.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	59	300.	698.305	8000.	50.	1846203.974	1358.751	50.	100.	700.	1500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	59	2.477	2.433	3.903	1.699	0.33	0.575	1.699	2.	2.845	3.176
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			271.24								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	25	0.03	0.035	0.05	0.005	0.	0.015	0.014	0.02	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	88	7.45	7.858	17.	0.1	14.907	3.861	3.27	5.075	10.15	13.54
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	43	172.	181.093	271.	56.	3149.039	56.116	106.4	138.	233.	263.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	27	155.	160.852	259.	45.	3037.439	55.113	103.8	118.	184.	250.
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	70	11.6	11.519	14.4	7.1	2.275	1.508	9.46	10.675	12.6	13.48
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	68	1.	1.218	3.	0.5	0.359	0.599	0.5	1.	1.175	2.
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	69	3.	5.348	28.	0.5	28.818	5.368	0.5	2.	7.	12.
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	88	8.1	8.101	9.5	6.9	0.394	0.628	7.29	7.6	8.5	9.
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	88	8.1	7.732	9.5	6.9	0.532	0.73	7.29	7.6	8.5	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	88	0.008	0.019	0.126	0.	0.001	0.025	0.001	0.003	0.025	0.051
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	47	7.6	7.6	8.2	6.5	0.169	0.411	7.	7.3	7.9	8.02
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	47	7.6	7.37	8.2	6.5	0.223	0.472	7.	7.3	7.9	8.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	47	0.025	0.043	0.316	0.006	0.004	0.06	0.01	0.013	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	47	68.	82.723	673.	13.	8349.031	91.373	42.8	52.	84.	111.4
00500	RESIDUE, TOTAL (MG/L)	04/30/79-08/13/92	13	100.	105.154	181.	48.	1003.974	31.686	63.2	90.	108.5	168.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/79-08/13/92	14	25.	26.143	37.	12.	57.67	7.594	15.	19.75	33.75	36.5
00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/79-08/13/92	14	80.5	82.929	145.	20.	1000.687	31.634	36.5	65.5	96.	135.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	70	3.5	7.429	76.	0.5	155.314	12.462	1.5	2.5	7.25	15.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	70	2.5	2.421	11.	0.	3.432	1.853	1.	1.	2.5	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	70	2.5	6.043	65.	0.5	118.585	10.89	1.05	2.5	5.25	8.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	88 ##	0.05	0.046	0.2	0.02	0.001	0.03	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	88 ##	0.005	0.015	0.7	0.005	0.005	0.074	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	81	0.7	0.752	4.8	0.02	0.252	0.502	0.482	0.57	0.88	0.994
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	88	0.1	0.155	0.5	0.05	0.011	0.105	0.05	0.1	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	69 ##	0.05	0.077	0.5	0.05	0.004	0.064	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	52	0.02	0.048	0.53	0.005	0.007	0.084	0.01	0.013	0.05	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	73	2.7	3.188	19.	0.5	7.62	2.76	0.7	1.4	4.	6.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	45	74.	78.4	138.	24.	677.336	26.026	49.2	59.	93.	118.8
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	28	3.	4.632	33.	0.7	32.322	5.685	2.8	3.	5.	5.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	28	7.	7.714	14.	4.	8.286	2.878	4.9	6.	7.75	13.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	83 ##	50.	373.494	6800.	50.	776240.082	881.045	50.	50.	300.	1160.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	83 ##	1.699	2.104	3.833	1.699	0.297	0.545	1.699	1.699	2.477	3.064
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			127.09								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	36	0.02	0.027	0.08	0.005	0.	0.019	0.005	0.01	0.04	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/74-09/13/95	52	16.65	16.508	22.9	8.	13.36	3.655	11.53	14.025	19.5	21.17
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/30/79-08/08/89	27	170.	205.519	1093.	79.	33399.413	182.755	109.6	148.	214.	242.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/89-09/13/95	16	154.	163.938	245.	95.	2246.596	47.398	101.3	131.25	197.25	242.2
00300	OXYGEN, DISSOLVED MG/L	05/17/74-04/20/92	40	10.25	10.213	13.8	5.1	2.217	1.489	8.14	9.35	11.2	11.69
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/79-09/13/95	43	1.	1.049	5.	0.5	0.539	0.734	0.5	0.5	1.	1.92
00340	COD, .25N K2CR2O7 MG/L	04/30/79-09/13/95	43	5.	5.919	33.	0.5	30.702	5.541	1.	3.	8.	10.6
00400	PH (STANDARD UNITS)	05/17/74-09/13/95	51	8.18	8.146	9.	6.8	0.301	0.549	7.34	7.84	8.5	9.
00400	CONVERTED PH (STANDARD UNITS)	05/17/74-09/13/95	51	8.18	7.773	9.	6.8	0.443	0.666	7.34	7.84	8.5	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/74-09/13/95	51	0.007	0.017	0.158	0.001	0.001	0.03	0.001	0.003	0.014	0.046
00403	PH, LAB, STANDARD UNITS SU	08/20/84-09/13/95	27	7.6	7.581	8.4	6.6	0.139	0.373	7.06	7.4	7.9	8.02
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/84-09/13/95	27	7.6	7.404	8.4	6.6	0.172	0.415	7.06	7.4	7.9	8.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-09/13/95	27	0.025	0.039	0.251	0.004	0.002	0.049	0.01	0.013	0.04	0.089
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/20/84-09/13/95	27	67.	69.63	112.	37.	466.242	21.593	45.4	52.	84.	107.
00500	RESIDUE, TOTAL (MG/L)	04/30/79-08/13/92	12	115.	121.917	319.	8.	5305.72	72.84	28.4	87.25	141.25	267.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/79-08/13/92	12	29.	29.917	56.	8.	236.447	15.377	9.5	17.75	43.25	54.8
00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/79-08/13/92	12	83.	98.667	263.	36.	3172.97	56.329	45.6	71.5	111.25	219.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/30/79-09/13/95	43	9.	11.628	56.	1.5	115.727	10.758	2.5	6.	15.	21.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/30/79-09/13/95	43	2.5	3.36	10.	1.	5.397	2.323	1.	1.5	5.	6.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/30/79-09/13/95	43	7.	8.605	46.	1.	88.59	9.412	1.7	2.5	11.	16.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/74-08/28/95	51 ##	0.05	0.067	0.94	0.02	0.016	0.128	0.02	0.02	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	50	0.01	0.013	0.06	0.005	0.	0.011	0.005	0.005	0.013	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/74-08/28/95	49	0.6	0.629	1.	0.29	0.032	0.179	0.41	0.495	0.75	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/74-08/28/95	49	0.2	0.311	2.6	0.05	0.209	0.458	0.1	0.1	0.3	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/79-08/28/95	41 ##	0.05	0.1	0.4	0.05	0.008	0.087	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/79-04/20/92	32	0.02	0.028	0.18	0.005	0.001	0.033	0.005	0.01	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/10/75-09/13/95	46	3.	3.365	11.	0.5	6.055	2.461	1.	1.5	4.	7.3
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-09/13/95	26	72.	79.	122.	40.	636.64	25.232	48.2	60.	99.	122.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/02/88-09/13/95	17	3.	3.235	4.	2.	0.441	0.664	2.	3.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-09/13/95	17	6.	6.941	12.	5.	4.434	2.106	5.	5.5	8.	11.2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	45	100.	764.444	8000.	50.	3014275.253	1736.167	50.	50.	600.	2380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/17/74-09/13/95	45	2.	2.305	3.903	1.699	0.409	0.639	1.699	1.699	2.772	3.364
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			201.75								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/17/74-08/28/95	19	0.03	0.045	0.23	0.005	0.003	0.051	0.01	0.02	0.05	0.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0015

NPS Station ID: BLRI0015
 Location: SOUTH RIVER NEAR WAYNESBORO, VA
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005002303.47
 Description:

LAT/LON: 38.057504/ -78.908338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 8.47

Agency: 112WRD
 FIPS State/County: 51820 VIRGINIA/WAYNESBORO (CITY)
 STORET Station ID(s): 01626000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0015

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/68-05/21/69	2	10.	10.	16.	4.	72.	8.485	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/29/54-05/21/69	3	140.	174.333	291.	92.	10784.333	103.848	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/29/54-05/21/69	3	8.	7.667	10.	5.	6.333	2.517	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/54-05/21/69	3	133.	116.333	165.	51.	3457.333	58.799	**	**	**	**
00400	PH (STANDARD UNITS)	11/29/54-05/21/69	3	7.8	7.733	7.9	7.5	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/29/54-05/21/69	3	7.8	7.699	7.9	7.5	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/29/54-05/21/69	3	0.016	0.02	0.032	0.013	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/05/68-05/21/69	2	47.	47.	76.	18.	1682.	41.012	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/29/54-05/21/69	3	70.	61.667	93.	22.	1312.333	36.226	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/05/68-05/21/69	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/05/68-05/21/69	2	0.15	0.15	0.3	0.	0.045	0.212	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/29/54-05/21/69	3	63.	56.333	84.	22.	994.333	31.533	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/29/54-05/21/69	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/29/54-05/21/69	3	17.	15.6	23.	6.8	67.08	8.19	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/29/54-05/21/69	3	5.	4.167	6.3	1.2	7.023	2.65	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/29/54-05/21/69	3	0.9	1.033	1.4	0.8	0.103	0.321	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/05/68-05/21/69	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/05/68-05/21/69	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/54-05/21/69	3	1.1	1.033	1.2	0.8	0.043	0.208	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/29/54-05/21/69	3	2.	2.	3.	1.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/54-05/21/69	3	5.	5.667	7.	5.	1.333	1.155	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/29/54-05/21/69	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/29/54-05/21/69	3	5.3	6.167	8.1	5.1	2.813	1.677	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	03/05/68-05/21/69	2	40.	40.	60.	20.	800.	28.284	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/29/54-05/21/69	3	77.	74.333	101.	45.	789.333	28.095	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/05/68-05/21/69	2	64.5	64.5	96.	33.	1984.5	44.548	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/05/68-05/21/69	2	30.25	30.25	35.4	25.1	53.045	7.283	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/05/68-05/21/69	2	0.1	0.1	0.14	0.06	0.003	0.057	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/29/54-05/21/69	3	2.5	1.9	2.8	0.4	1.71	1.308	**	**	**	**
71885	IRON (UG/L AS Fe)	11/29/54-11/29/54	1	30.	30.	30.	30.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0015

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	3	0	0.00				2	0	0.00	1	0	0.00				
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00				
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	3	0	0.00				2	0	0.00	1	0	0.00				
	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00				
00945	SULFATE, TOTAL (AS SO4)																	
	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	3	0	0.00				2	0	0.00	1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	3	0	0.00				2	0	0.00	1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0016

NPS Station ID: BLRI0016
 Location: 39MS 2
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin:
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005019200.00
 Description:

LAT/LON: 37.947781/ -78.915838

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 375652078545701
 Within Park Boundary: Yes

Date Created: 07/21/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 10.30
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	2	9.25	9.25	9.5	9.	0.125	0.354	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	09/26/74-07/18/79	2	5.5	5.5	6.2	4.8	0.98	0.99	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/74-07/18/79	2	5.084	5.084	6.2	4.8	1.326	1.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/74-07/18/79	2	8.24	8.24	15.849	0.631	115.793	10.761	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	2	133.	133.	254.	12.	29282.	171.12	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2	0.08	0.08	0.14	0.02	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	2	0.11	0.11	0.2	0.02	0.016	0.127	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/26/74-07/18/79	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/18/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/26/74-07/18/79	2	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/26/74-07/18/79	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/26/74-07/18/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/26/74-07/18/79	2	9.65	9.65	10.	9.3	0.245	0.495	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/18/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	07/18/79-07/18/79	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/18/79	2 ##	4.	4.	8.	0.	32.	5.657	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	07/18/79-07/18/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/18/79	2	44.	44.	80.	8.	2592.	50.912	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/26/74-07/18/79	2	21.5	21.5	23.	20.	4.5	2.121	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	2	19.5	19.5	20.	19.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/79-07/18/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
	Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01090 ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0017

NPS Station ID: BLRI0017 LAT/LON: 38.028338/ -78.931671
 Location: UPSTREAM OF ROUTE 624 BRIDGE AUGUSTA COUNTY
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 1-POTOMAC-SHENANDOAH
 RF1 Index: 02070005 RF1 Mile Point: 0.000
 RF3 Index: 02070005002410.29 RF3 Mile Point: 11.92
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1B SHENANDOAH REGION: 6 VALLEY
 RIVER: BACK CREEK SECTION: 03 TOPO MAP #: 0067 TOPO MAP NAME: WAYNESBORO WEST, VA

Agency: 21VASWCB
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 1BBCK000.78
 Within Park Boundary: No

Date Created: 06/22/91

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 2.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	16	16.	13.713	23.3	2.6	61.541	7.845	2.88	6.225	20.15	23.23
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	4	2.4	2.425	3.7	1.2	1.069	1.034	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	4	11.5	16.25	35.	7.	168.917	12.997	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	33.5	33.833	50.	24.	55.97	7.481	24.3	29.	38.	47.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	14	10.7	10.271	13.1	5.5	5.856	2.42	6.5	8.15	12.6	13.05
00300	OXYGEN, DISSOLVED MG/L	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	13	1.	0.785	1.2	0.5	0.078	0.279	0.5	0.5	1.	1.12
00340	COD, .25N K2CR2O7 MG/L	12	5.5	5.083	10.	0.5	8.356	2.891	1.1	2.5	7.75	9.4
00400	PH (STANDARD UNITS)	16	8.	7.936	9.5	6.5	0.542	0.736	6.85	7.375	8.375	8.87
00400	CONVERTED PH (STANDARD UNITS)	16	7.989	7.396	9.5	6.5	0.854	0.924	6.85	7.375	8.375	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	16	0.01	0.04	0.316	0.	0.006	0.079	0.002	0.004	0.044	0.165
00403	PH, LAB, STANDARD UNITS SU	14	6.5	6.5	7.2	5.9	0.103	0.321	5.95	6.375	6.7	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	14	6.5	6.391	7.2	5.9	0.116	0.34	5.95	6.375	6.7	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	14	0.316	0.407	1.259	0.063	0.108	0.329	0.111	0.2	0.424	1.129
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	14	9.	9.357	15.	5.	8.401	2.898	5.5	7.	11.25	14.5
00500	RESIDUE, TOTAL (MG/L)	4	30.	27.75	31.	20.	27.583	5.252	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	4	9.	9.	12.	6.	8.667	2.944	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	3	18.	18.667	25.	13.	36.333	6.028	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	13 ##	1.5	2.615	14.	1.	12.215	3.495	1.2	1.5	1.5	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	13 ##	1.5	1.308	1.5	0.	0.189	0.435	0.4	1.25	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	13 ##	1.5	2.462	13.	1.	10.228	3.198	1.2	1.5	1.5	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	14 ##	0.02	0.021	0.04	0.02	0.	0.005	0.02	0.02	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	14 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.006	0.015
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	14	0.21	0.234	0.66	0.06	0.026	0.161	0.07	0.105	0.31	0.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	14	0.1	0.121	0.5	0.05	0.013	0.116	0.05	0.05	0.1	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	14 ##	0.05	0.079	0.4	0.05	0.009	0.093	0.05	0.05	0.05	0.25
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	1.65	2.333	11.	0.5	8.039	2.835	0.5	1.025	2.275	8.63
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	14.	14.167	24.	6.	20.879	4.569	7.5	12.	16.25	22.8
00940	CHLORIDE, TOTAL IN WATER MG/L	13	1.	1.538	4.	1.	0.769	0.877	1.	1.	2.	3.2
00945	SULFATE, TOTAL (MG/L AS SO4)	13	3.	3.154	9.	2.	3.308	1.819	2.	2.	3.	6.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/92-02/18/93	4 ##	0.1	0.125	0.25	0.05	0.009	0.096	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/92-02/18/93	4	6.5	6.95	9.7	5.1	3.963	1.991	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/25/92-10/12/95	14	100.	159.286	400.	50.	16437.912	128.21	50.	50.	232.5	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/25/92-10/12/95	14	2.	2.08	2.602	1.699	0.111	0.334	1.699	1.699	2.355	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		120.238									
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/10/92-07/26/95	13 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	06/10/92-06/23/94	8	1.4	4.563	23.	0.2	58.774	7.666	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0017

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00							
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	16	1	0.06	5	0	0.00	6	1	0.17	5	0	0.00			
		Other-Lo Lim.	6.5	16	1	0.06	5	1	0.20	6	0	0.00	5	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	14	9	0.64	3	2	0.67	7	5	0.71	4	2	0.50			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00			
		Drinking Water	250.	13	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	5	0.36	4	2	0.50	7	3	0.43	3	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0018

NPS Station ID: BLRI0018
 Location: 39MS 3
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: U
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005026402.85
 Description:

LAT/LON: 37.923338/ -78.966115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.22

Agency: 112WRD
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 375524078575801
 Within Park Boundary: Yes

Date Created: 07/21/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/18/79	2	9.	9.	9.	9.	0.	0.	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/18/79	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/18/79	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**
00400	PH (STANDARD UNITS)	09/26/74-07/18/79	2	5.6	5.6	6.	5.2	0.32	0.566	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/74-07/18/79	2	5.437	5.437	6.	5.2	0.373	0.611	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/74-07/18/79	2	3.655	3.655	6.31	1.	14.096	3.754	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/18/79	2	44.5	44.5	71.	18.	1404.5	37.477	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/18/79	2	9.	9.	11.	7.	8.	2.828	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/18/79	2	0.07	0.07	0.14	0.	0.01	0.099	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/18/79	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/18/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/18/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/18/79	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/26/74-07/18/79	2	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/26/74-07/18/79	2	1.15	1.15	1.2	1.1	0.005	0.071	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/26/74-07/18/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/26/74-07/18/79	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**
00931	SODIUM ADSORPTION RATIO	09/26/74-07/18/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00932	SODIUM, PERCENT	09/26/74-07/18/79	2	26.5	26.5	28.	25.	4.5	2.121	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/18/79-07/18/79	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/18/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/26/74-07/18/79	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/18/79	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/18/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/26/74-07/18/79	2	8.3	8.3	8.7	7.9	0.32	0.566	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-09/26/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-09/26/74	1	6.	6.	6.	6.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/18/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-09/26/74	1	70.	70.	70.	70.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/26/74-07/18/79	2	19.	19.	20.	18.	2.	1.414	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/18/79	2	17.	17.	18.	16.	2.	1.414	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/18/79	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/18/79	2	0.3	0.3	0.6	0.	0.18	0.424	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/18/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0019

NPS Station ID: BLRI0019 LAT/LON: 37.925281/ -79.003616
 Location: 40 FT. FROM OUTFALL STRUCTURE - AUGUSTA CO.
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 1-POTOMAC-SHENANDOAH
 RF1 Index: 02070005 RF1 Mile Point: 0.000
 RF3 Index: 02070005002504.11 RF3 Mile Point: 4.24
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1B SHENANDOAH REGION: 6 VALLEY
 RIVER: NORTH FORK BACK CREEK SECTION: 03 TOPO MAP #: 0072 TOPO MAP NAME: BIG LEVELS, VA

Agency: 21VASWCB
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 1BBKN001.81
 Within Park Boundary: No

Date Created: 08/25/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 14.20
 Distance from RF3: 1.38

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	2.4	2.3	2.4	2.1	0.03	0.173	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	23.	22.667	23.	22.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	3	8.2	8.367	8.8	8.1	0.143	0.379	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	2	6.6	6.6	6.65	6.55	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	2	6.597	6.597	6.65	6.55	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.253	0.253	0.282	0.224	0.002	0.041	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	3	6.4	6.367	6.4	6.3	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	6.4	6.364	6.4	6.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.398	0.432	0.501	0.398	0.004	0.06	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	3	8.	8.333	9.	8.	0.333	0.577	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	3	16.	16.667	18.	16.	1.333	1.155	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	3	6.	6.	7.	5.	1.	1.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	3	11.	10.667	12.	9.	2.333	1.528	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	4 ##	0.02	0.045	0.12	0.02	0.003	0.05	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	4	0.2	0.288	0.7	0.05	0.081	0.284	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3	16.	33.333	70.	14.	1009.333	31.77	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	2	24.	24.	24.	24.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	2	17.	17.	17.	17.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	2	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	2	16.	16.	16.	16.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	2	69.	69.	69.	69.	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	1	7.36	7.36	7.36	7.36	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	1	6.61	6.61	6.61	6.61	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/14/90-08/14/90	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO.BEFORE/AFTER ACID	08/14/90-08/14/90	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/14/90-08/14/90	2##	12.503	12.503	25.	0.005	312.375	17.674	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/14/90-08/14/90	2##	250.25	250.25	500.	0.5	124750.125	353.2	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/14/90-08/14/90	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/14/90-08/14/90	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/14/90-08/14/90	2##	500.	500.	500.	500.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/14/90-08/14/90	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	08/14/90-08/14/90	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	08/14/90-08/14/90	1##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED																	
00400	PH																	
	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00										
	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
00403	PH, LAB																	
	Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00										
	Other-Hi Lim.	9.	3	0	0.00	3	0	0.00										
00615	NITRITE NITROGEN, TOTAL AS N																	
	Drinking Water	1.	4	0	0.00	4	0	0.00										
00620	NITRATE NITROGEN, TOTAL AS N																	
	Drinking Water	10.	4	0	0.00	4	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0020

NPS Station ID: BLRI0020
 Location: 38MS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: U
 Minor Basin:
 RF1 Index: 02070005
 RF3 Index: 02070005001700.00
 Description:

LAT/LON: 37.885004/ -79.003893

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.35

Agency: 112WRD
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 375306079001401
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/74-07/20/79	2	9.25	9.25	9.5	9.	0.125	0.354	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/26/74-07/20/79	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/74-07/20/79	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	09/26/74-07/20/79	2	6.45	6.45	6.7	6.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/74-07/20/79	2	6.382	6.382	6.7	6.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/74-07/20/79	2	0.415	0.415	0.631	0.2	0.093	0.305	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/74-07/20/79	2	5.2	5.2	9.1	1.3	30.42	5.515	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/74-07/20/79	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/26/74-07/20/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/26/74-07/20/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/20/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/74-07/20/79	2	0.165	0.165	0.24	0.09	0.011	0.106	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/74-07/20/79	2	0.195	0.195	0.3	0.09	0.022	0.148	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/26/74-07/20/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/74-07/20/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/26/74-07/20/79	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/26/74-07/20/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/26/74-07/20/79	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/74-07/20/79	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/26/74-07/20/79	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/26/74-07/20/79	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	09/26/74-07/20/79	2	31.5	31.5	41.	22.	180.5	13.435	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/20/79-07/20/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/74-07/20/79	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/26/74-07/20/79	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/74-07/20/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/74-07/20/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/26/74-07/20/79	2	8.2	8.2	8.6	7.8	0.32	0.566	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/74-07/20/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/20/79-07/20/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/79-07/20/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/74-07/20/79	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/74-07/20/79	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/20/79-07/20/79	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/74-07/20/79	2	39.5	39.5	75.	4.	2520.5	50.205	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/20/79-07/20/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/26/74-07/20/79	2	19.5	19.5	20.	19.	0.5	0.707	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/26/74-07/20/79	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/26/74-07/20/79	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/74-07/20/79	2	0.75	0.75	1.1	0.4	0.245	0.495	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/26/74-07/20/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/20/79-07/20/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0020

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01090 ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0021

NPS Station ID: BLRI0021
 Location: SHERNANDO LAKE -BACK CREEK
 Station Type: /RESERV/TYPA/AMBNT
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070005
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070005029
 RF3 Index: 02070005009302.11
 Description:
 SHERANDO%LOWER< LAKE SWIMMING AREA DATA BY GEORGE WASHINGTON NAT. FOR. SWIMMING WATER MONITORING,FIVE SAMPLES/THIRTY DAY USE PERIOD
 FECAL COLIFORM BY MEMBRANE FILTER
 CONTACT FOREST HYDROLOGIST 703/433-2491

LAT/LON: 37.913060/ -79.018059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 12.370
 RF3 Mile Point: 2.33

Agency: 1118ATL8
 FIPS State/County: 51015 VIRGINIA/AUGUSTA
 STORET Station ID(s): 080501 /0207000554 /050032
 Within Park Boundary: No

Date Created: 07/14/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 17.90
 Distance from RF3: 0.66

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	07/10/79-09/04/95	10	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00400 CONVERTED PH (STANDARD UNITS)	07/10/79-09/04/95	10	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/79-09/04/95	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/09/79-09/04/95	61	14.	39.033	287.	0.	3867.432	62.189	2.	5.5	37.	113.2
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/09/79-09/04/95	61	1.146	1.163	2.458	0.	0.412	0.642	0.301	0.739	1.567	2.054
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.543								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	10	0	0.00	10	0	0.00										
	Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00										
	Other-Hi Lim.	200.	61	3	0.05	37	1	0.03			24	2	0.08					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0022

NPS Station ID: BLRI0022
 Location: 37LS 2
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin:
 Minor Basin:
 RF1 Index: 02080203
 RF3 Index: 02080202011000.00
 Description:

LAT/LON: 37.867505/ -79.148616

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.70

Agency: 112WRD
 FIPS State/County: 51125 VIRGINIA/NELSON
 STORET Station ID(s): 375203079085501
 Within Park Boundary: Yes

Date Created: 10/31/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 23.40
 Distance from RF3: 0.18

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/79-07/10/79	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/10/79-07/10/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/79-07/10/79	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/79-07/10/79	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/79-07/10/79	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/79-07/10/79	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/79-07/10/79	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/10/79-07/10/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/10/79-07/10/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/10/79-07/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/79-07/10/79	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/10/79-07/10/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/79-07/10/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/79-07/10/79	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-07/10/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/10/79-07/10/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/10/79-07/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/10/79-07/10/79	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/10/79-07/10/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/10/79-07/10/79	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/10/79-07/10/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/10/79-07/10/79	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/10/79-07/10/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/79-07/10/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/79-07/10/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/79-07/10/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/79-07/10/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/10/79-07/10/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	07/10/79-07/10/79	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/79-07/10/79	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/10/79-07/10/79	1	33.	33.	33.	33.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/10/79-07/10/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/10/79-07/10/79	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/10/79-07/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0022

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0023

NPS Station ID: BLRI0023
 Location: 37LS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: U
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202000308.44
 Description:

LAT/LON: 37.840838/ -79.158338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 10.27

Agency: 112WRD
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 375027079093001
 Within Park Boundary: Yes

Date Created: 10/31/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/79-07/20/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/20/79-07/20/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/79-07/20/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/79-07/20/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/20/79-07/20/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/79-07/20/79	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/20/79-07/20/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/79-07/20/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/20/79-07/20/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/20/79-07/20/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/79-07/20/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/20/79-07/20/79	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/20/79-07/20/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/20/79-07/20/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/20/79-07/20/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/20/79-07/20/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/20/79-07/20/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/20/79-07/20/79	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/20/79-07/20/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/20/79-07/20/79	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/20/79-07/20/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/20/79-07/20/79	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/20/79-07/20/79	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/79-07/20/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	07/20/79-07/20/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/79-07/20/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/20/79-07/20/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/20/79-07/20/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	07/20/79-07/20/79	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/20/79-07/20/79	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/20/79-07/20/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/20/79-07/20/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/79-07/20/79	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/20/79-07/20/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0023

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00										
	Drinking Water	250.	1	0	0.00	1	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0024

NPS Station ID: BLRI0024
 Location: SOUTH FORK PINEY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02080202
 RF3 Index: 02080203003618.10
 Description:
 LACATION/GREASY SPRINGS-TWO CHAINS ABOVE FORD
 FY79-82
 SCHEDULED AND EVENT SAMPLING

LAT/LON: 37.796670/ -79.162503

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 18.65

Agency: 1118ATL8
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 080505
 Within Park Boundary: No

Date Created: 12/08/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

PURPOSE/DETERMINE IMPACT OF ROAD CONSTRUCTION TO BENEFICIAL USE OF WATER
 PARAMETERS/NONFILT.RESIDUE,TURBIDITY,SPEC.COND.,OCCASIONAL NUTRIENTS

Parameter Inventory for Station: BLRI0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	2	14.	14.	14.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/79-01/11/80	57	0.9	1.43	17.	0.2	2.366	0.3	0.65	1.15	2.42
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	2	15.	15.	18.	12.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/79-07/02/79	2	7.	7.	7.4	6.6	0.32	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/79-07/02/79	2	6.837	6.837	7.4	6.6	0.373	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/79-07/02/79	2	0.145	0.145	0.251	0.04	0.022	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/79-01/11/80	56	5.5	10.771	130.	0.25	420.981	0.94	3.	10.75	17.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-12/11/79	7	0.14	0.149	0.3	0.05	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-12/11/79	7###	0.025	0.025	0.025	0.025	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-12/11/79	6###	0.001	0.002	0.003	0.001	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-12/11/79	7	0.14	0.143	0.28	0.05	0.01	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-12/11/79	7###	0.01	0.014	0.02	0.01	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/02/79-01/11/80	11	0.05	0.055	0.09	0.03	0.	0.021	0.03	0.04	0.07

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	57	0	0.00	26	0	0.00	4	0	0.00	27	0	0.00			
00400	PH	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Hi Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	1.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0025

NPS Station ID: BLRI0025
 Location: SOUTH FORK PINEY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02080202
 RF3 Index: 02080203003618.10
 Description:
 LOCATION' GREASY SPRINGS TWO CHAINS BELOW FORD
 FY79-82
 SCHEDULED AND EVENT SAMPLING

LAT/LON: 37.792504/ -79.165838

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 18.72

Agency: 1118ATL8
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 080504
 Within Park Boundary: No

Date Created: 09/01/79

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

PURPOSE'DETERMINE IMPACT OF ROAD CONSTRUCTION TO BENEFICIAL USE OF WATER
 PARAMETERS'NONFILT.RESIDUE,TURBIDITY,SPEC.COND.,OCCASIONAL NUTRIENTS

Parameter Inventory for Station: BLRI0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/79-01/11/80	109	0.9	1.152	5.6	0.2	0.969	0.984	0.4	0.6	1.3	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	2	19.5	19.5	28.	11.	144.5	12.021	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/79-07/02/79	2	6.6	6.6	7.4	5.8	1.28	1.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/79-07/02/79	2	6.09	6.09	7.4	5.8	1.8	1.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/79-07/02/79	2	0.812	0.812	1.585	0.04	1.194	1.093	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/79-01/11/80	108	6.	7.453	37.	0.25	35.629	5.969	1.9	3.25	9.75	14.
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	8	0.19	0.185	0.3	0.05	0.007	0.086	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	7 ##	0.001	0.001	0.003	0.001	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	8	0.16	0.168	0.28	0.05	0.005	0.072	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	8 ##	0.01	0.028	0.14	0.01	0.002	0.046	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	13	0.06	0.061	0.09	0.03	0.001	0.023	0.03	0.04	0.08	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	109	0	0.00	61	0	0.00	4	0	0.00	44	0	0.00			
00400	PH	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Hi Lim.	6.5	2	1	0.50	1	1	1.00				1	0	0.00			
	Other-Lo Lim.	1.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0026

NPS Station ID: BLRI0026
 Location: SOUTH FORK PINEY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02080203036
 RF3 Index: 02080203006400.00

LAT/LON: 37.780837/ -79.165838

Agency: 1118ATL8
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 080502
 Within Park Boundary: No

Date Created: 12/08/79

Depth of Water: 0
 Elevation: 0

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Description:
 ATION: 2.3 MILES BELOW GREASY SPRINGS CONFLUENCE - TREATMENT POSE:DETERMINE IMPACT OF ROAD CONSTRUCTION TO BENEFICIAL USE OF WATER
 FY79-82 EMETERS:NONFILTR.RESIDUE,TURBIDITY,SPEC.COND.,OCCASIONAL NUTRIENTS
 SCHEDULED AND EVENT SAMPLING

Parameter Inventory for Station: BLRI0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	2	15.9	15.9	16.	15.8	0.02	0.141	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/79-01/11/80	13	0.5	0.546	1.5	0.1	0.143	0.378	0.14	0.25	0.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	2	23.5	23.5	29.	18.	60.5	7.778	**	**	**
00400	PH (STANDARD UNITS)	06/19/79-07/02/79	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/79-07/02/79	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/79-07/02/79	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/79-01/11/80	13	2.	2.862	8.	0.6	4.356	2.087	0.6	1.5	4.
00600	NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	8	0.2	0.208	0.41	0.05	0.011	0.105	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	8 ##	0.025	0.031	0.05	0.025	0.	0.012	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	7 ##	0.001	0.003	0.014	0.001	0.	0.005	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	8	0.13	0.168	0.41	0.05	0.014	0.119	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	8	0.045	0.056	0.19	0.01	0.004	0.06	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	13	0.06	0.059	0.09	0.03	0.001	0.023	0.03	0.035	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0026

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	13	0	0.00	8	0	0.00	4	0	0.00	1	0	0.00			
00400	PH	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Hi Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	1.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0027

NPS Station ID: BLRI0027
 Location: SOUTH FORK PINEY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02080203036
 RF3 Index: 02080203086602.53
 Description:
 LOCATION'0.9 MILES ABOVE GREASY SPRINGS CONFLUENCE - CONTROL
 FY79-82
 SCHEDULED AND EVENT SAMPLING

LAT/LON: 37.779170/ -79.166392

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 19.050
 RF3 Mile Point: 3.79

Agency: 1118ATL8
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 080503
 Within Park Boundary: No

Date Created: 09/01/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.40
 Distance from RF3: 0.14

On/Off RF1: OFF
 On/Off RF3:

PURPOSE'DETERMINE IMPACT OF ROAD CONTRUCTION TO BENEFICIAL USE OF WATER
 PARAMETERS'NONFILT.RESIDUE,TURBIDITY,SPEC.COND.,OCCASUONAL NUTRIENTS

Parameter Inventory for Station: BLRI0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/79-07/02/79	2	15.2	15.2	15.4	15.	0.08	0.283	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/79-01/11/80	13	0.6	0.708	1.7	0.2	0.252	0.502	0.2	0.25	1.1	1.62
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/79-07/02/79	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00400 PH (STANDARD UNITS)	06/19/79-07/02/79	2	7.2	7.2	7.4	7.	0.08	0.283	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/19/79-07/02/79	2	7.155	7.155	7.4	7.	0.084	0.29	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/79-07/02/79	2	0.07	0.07	0.1	0.04	0.002	0.043	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/79-01/11/80	13	3.	3.815	7.	0.6	5.01	2.238	0.76	2.	6.	7.
00600 NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	8	0.245	0.244	0.44	0.1	0.009	0.096	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/79-01/11/80	8###	0.025	0.034	0.05	0.025	0.	0.013	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/19/79-01/11/80	7###	0.001	0.002	0.005	0.001	0.	0.002	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/79-01/11/80	8	0.2	0.198	0.32	0.1	0.006	0.076	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/79-01/11/80	8###	0.02	0.051	0.12	0.01	0.003	0.052	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	06/19/79-01/11/80	13	0.07	0.065	0.11	0.03	0.001	0.027	0.03	0.04	0.09	0.102

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	8	0	0.00	4	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	1.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0029

NPS Station ID: BLRI0029
 Location: FALLING CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:

LAT/LON: 37.805559/ -79.245560

Agency: 11EPALES
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): 5110E1
 Within Park Boundary: Yes

Date Created: / /

RMI-Miles:
 HUC: 02080203
 Major Basin: T/SMITH MOUNTAIN LAKE
 Minor Basin: RD BRDG 2 MI S OF STEWARTSVILLE
 RF1 Index: 02080203
 RF3 Index: 03010101004601.22

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.18

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Description:
 AT BRIDGE ON UNIMPROVED ROAD APPROX 2 MI S OF STEWARTSVILLE

Parameter Inventory for Station: BLRI0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.032	0.051	0.273	0.01	0.004	0.066	0.014	0.02	0.057	0.169
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.003	0.005	0.024	0.001	0.	0.006	0.001	0.001	0.006	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.264	0.281	0.47	0.08	0.017	0.129	0.084	0.201	0.398	0.465
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	14	0.4	0.609	1.6	0.2	0.2	0.447	0.2	0.348	0.825	1.55
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	14	0.265	0.285	0.5	0.08	0.018	0.132	0.085	0.203	0.403	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	14	0.065	0.075	0.155	0.025	0.001	0.037	0.035	0.054	0.084	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	14	0.025	0.027	0.061	0.015	0.	0.012	0.015	0.019	0.03	0.051

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0029

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0030

NPS Station ID: BLRI0030
 Location: PEDLAR RIVER
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080203
 RF3 Index: 02080203005300.34

LAT/LON: 37.669448/ -79.276670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.34

Agency: 21VASWCB
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2-POL017.59
 Within Park Boundary: No

Date Created: 07/15/89

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: PEDLAR RIVER SECTION: 11I TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA

Parameter Inventory for Station: BLRI0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	19.15	17.938	26.4	6.2	57.817	7.604	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	5	40.	38.2	42.	30.	22.2	4.712	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	3	7.8	5.633	8.7	0.4	20.743	4.554	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	6	2.85	4.3	9.7	0.2	19.284	4.391	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	6	7.15	6.768	7.5	5.62	0.77	0.878	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	6	7.125	6.115	7.5	5.62	1.283	1.133	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.075	0.768	2.399	0.032	1.242	1.115	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	3	7.1	7.1	7.2	7.	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	7.1	7.092	7.2	7.	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.079	0.081	0.1	0.063	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	14.	14.75	17.	14.	2.25	1.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	5 ##	0.05	0.05	0.1	0.02	0.001	0.033	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5 ##	0.005	0.01	0.03	0.005	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	5 ##	0.02	0.055	0.19	0.02	0.006	0.075	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	5	0.1	0.21	0.4	0.05	0.031	0.175	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	5 ##	0.05	0.039	0.05	0.005	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	4	2.25	2.45	3.3	2.	0.377	0.614	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	2	3050.	3050.	3200.	2900.	45000.	212.132	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	2	950.	950.	1000.	900.	5000.	70.711	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	2	2600.	2600.	2700.	2500.	20000.	141.421	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	2	800.	800.	800.	800.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	4 ##	3.75	3.75	5.	2.5	2.083	1.443	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	3	3.	2.833	3.	2.5	0.083	0.289	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	07/17/89-08/15/94	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	07/17/89-08/15/94	3 ##	1.	1.333	2.5	0.5	1.083	1.041	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	07/17/89-08/15/94	3	26.	21.667	26.	13.	56.333	7.506	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/17/89-08/15/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/89-08/15/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/17/89-08/15/94	3	23.	39.667	73.	23.	833.333	28.868	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/89-08/15/94	5	315.	10431.2	50900.	190.	511796494.7	22622.92	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/17/89-08/15/94	4 ##	3.75	3.75	5.	2.5	2.083	1.443	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/17/89-08/15/94	3	27.	29.667	35.	27.	21.333	4.619	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/15/94-08/15/94	1	229.	229.	229.	229.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/17/89-08/15/94	5	200.	313.	965.	25.	151282.5	388.951	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/17/89-08/15/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	07/17/89-08/15/94	3	18.	14.667	18.	8.	33.333	5.774	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/15/94-08/15/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/17/89-08/15/94	4 ##	25.	32.75	56.	25.	240.25	15.5	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/17/89-08/15/94	3	135.	101.333	135.	34.	3400.333	58.312	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	08/15/94-08/15/94	1	11.	11.	11.	11.	0.	0.	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/94-08/15/94	1	9900.	9900.	9900.	9900.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/94-08/15/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/15/94-08/15/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/15/94-08/15/94	1	24300.	24300.	24300.	24300.	0.	0.	**	**	**
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	08/15/94-08/15/94	1	40.	40.	40.	40.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	08/15/94-08/15/94	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/17/89-07/17/89	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/17/89-07/17/89	2 ##	1.849	1.849	2.	1.699	0.045	0.213	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/17/89-07/17/89	2 ##	0.711	0.711	0.711	0.711	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/17/89-07/17/89	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/17/89-07/17/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/17/89-07/17/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
34480	THALLIUM DRY WGTBTMG/KG	08/15/94-08/15/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34671	PCB - 1016 TOTWUG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.01	0.005	0.017	0.131	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	08/15/94-08/15/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	08/15/94-08/15/94	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
38745	2,4-DB WATER, TOTUG/L	08/15/94-08/15/94	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.026	0.05	0.01	0.	0.022	**	**	**
39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	08/15/94-08/15/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39350	CHLORDANE (TECH MIX & METABS), WHOLE WATER, UG/L	08/15/94-08/15/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.016	0.025	0.01	0.	0.008	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/17/89-08/15/94	5 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/94-08/15/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/89-08/15/94	5 ##	0.01	0.106	0.25	0.01	0.017	0.131	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39760 SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/15/94-08/15/94	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570 HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	08/15/94-08/15/94	2	11225.	11225.	11850.	10600.	781250.	883.883	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/94-08/15/94	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/17/89-08/15/94	4##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/17/89-08/15/94	3##	1.	1.05	2.	0.15	0.857	0.926	**	**	**	**
77825 ALACHLOR WHOLE WATER,UG/L	08/15/94-08/15/94	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00										
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	1	0.33	3	1	0.33										
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	4	0.67	6	4	0.67										
00400 PH	Other-Hi Lim.	9.	6	0	0.00	6	0	0.00										
	Other-Lo Lim.	6.5	6	2	0.33	6	2	0.33										
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	3	0	0.00										
	Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00										
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00	5	0	0.00										
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	5	0	0.00										
00630 NITRATE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										
01002 ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	4	0	0.00										
	Drinking Water	50.	4	0	0.00	4	0	0.00										
01027 CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	4	0	0.00										
	Drinking Water	5.	4	0	0.00	4	0	0.00										
01034 CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00										
01042 COPPER, TOTAL	Fresh Acute	18.	0&	0	0.00													
	Drinking Water	1300.	4	0	0.00	4	0	0.00										
01051 LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	4	0	0.00										
	Drinking Water	15.	4	0	0.00	4	0	0.00										
01067 NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	4	0	0.00										
	Drinking Water	100.	4	0	0.00	4	0	0.00										
01092 ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	4	0	0.00										
	Drinking Water	5000.	4	0	0.00	4	0	0.00										
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00										
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00										
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	5	0	0.00	5	0	0.00										
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	5	0	0.00	5	0	0.00										
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	5	0	0.00	5	0	0.00										
	Drinking Water	1.	5	0	0.00	5	0	0.00										
39033 ATRAZINE IN WHOLE WATER SAMPLE	Drinking Water	3.	2	0	0.00	2	0	0.00										
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	5	0	0.00										
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	5	0	0.00										
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	5	0	0.00										
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	5	0	0.00										
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	5	0	0.00	5	0	0.00										
	Drinking Water	0.2	5	0	0.00	5	0	0.00										
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	5	0	0.00										
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	5	0	0.00										
	Drinking Water	2.	5	0	0.00	5	0	0.00										
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	5	0	0.00	5	0	0.00										
	Drinking Water	3.	5	0	0.00	5	0	0.00										
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	5	0	0.00	5	0	0.00										
	Drinking Water	0.4	5	0	0.00	5	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	5	0	0.00	5	0	0.00										
	Drinking Water	0.2	5	0	0.00	5	0	0.00										
39730 2,4-D IN WHOLE WATER SAMPLE	Fresh Acute	70.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
39760 SILVEX IN WHOLE WATER SAMPLE	Fresh Acute	50.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	4	0	0.00										
	Drinking Water	2.	4	0	0.00	4	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0031

NPS Station ID: BLRI0031
 Location: BROWN MOUNTAIN CREEK BELOW FDR 38
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203059
 RF3 Index: 02080203104100.00

LAT/LON: 37.694170/ -79.276948

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 12.260
 RF3 Mile Point: 0.61

Agency: 1118ATL8
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 080507 /0208020333
 Within Park Boundary: No

Date Created: 06/27/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 6.60
 Distance from RF3: 0.14

On/Off RF1: OFF
 On/Off RF3:

Description:
 BROWN MOUNTAIN CREEK. ORIGINAL DATA AVAILABLE AT SUPERVISOR'S OFFICE. GEORGE WASHINGTON NATIONAL FOREST,210 FED BLDG,HARRISONBURG,VA 22801, 703-433-2491. STATION LOCATED BELOW FDR 38 BRIDGE. MONITORS STREAM WATER QUALITY BELOW HIGGINBOTHAM TIMBER SALE. SAMPLES COLLECTED DAILY WITH AUTOMATIC SAMPLER THROUGH FREEZE-FREE PERIOD FOR TURB AND NON-FILT

Parameter Inventory for Station: BLRI0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060 FLOW, STREAM, MEAN DAILY CFS	05/13/81-09/20/84	35	9.	10.08	54.	0.4	107.12	10.35	1.	2.	14.	21.
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/13/81-03/21/83	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
00065 STAGE, STREAM (FEET)	09/03/82-08/30/85	32	0.95	0.974	1.75	0.61	0.065	0.255	0.656	0.8	1.068	1.324
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/13/81-08/30/85	39	1.1	1.618	12.	0.05	5.491	2.343	0.3	0.4	1.6	2.9
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/81-08/30/85	43	3.	4.421	24.	0.25	23.153	4.812	0.35	2.	5.	8.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0031

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	39	0	0.00	10	0	0.00	18	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0032

NPS Station ID: BLRI0032 LAT/LON: 37.796392/ -79.279448
 Location: ROCK BRANCH AT CONFLUENCE W/ IRISH CR.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 1
 Major Basin: NORTH ATLANTIC Elevation: 0
 Minor Basin: JAMES RIVER
 RF1 Index: 02080202005 RF1 Mile Point: 2.380
 RF3 Index: 02080202000307.69 RF3 Mile Point: 7.96

Agency: 1118ATL8
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 080513
 Within Park Boundary: No

Date Created: 11/25/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.12

On/Off RF1: OFF
 On/Off RF3:

Description:
 ROCK BRANCH. ORIGINAL DATA AVAILABLE AT SUPERVISOR'S OFFICE,GEORGE WASHINGTON NATIONAL FOREST,210 FED BLDG,HARRISONBURG,VA 22801,703-433-2491. STATION LOCATED JUST ABOVE CONFLUENCE WITH IRISH CREEK. MONITORS BASELINE WATER QUALITY. TURB AND ALKALINITY MEASURED AT FOREST. NON-FILT RESIDUE AT R-9 WATER QUALITY LAB,WINTON,MN.

Parameter Inventory for Station: BLRI0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	12/04/84-12/04/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/29/83-12/04/84	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/04/84-12/04/84	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/04/84-12/04/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/04/84-12/04/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/84-12/04/84	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	12/04/84-12/04/84	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/29/83-12/04/84	2	1.45	1.45	2.	0.9	0.605	0.778	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0032

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0033

NPS Station ID: BLRI0033
 Location: WHITES RUN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202009900.00

LAT/LON: 37.779727/ -79.290559

Depth of Water: 0
 Elevation: 500
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 12NSS
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2B058015U /2BN2B058015U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.90
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/17/86	2	9.05	9.05	9.7	8.4	0.845	0.919	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/17/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/17/86	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/17/86	2	13.	13.	13.	13.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/17/86	2	10.55	10.55	10.6	10.5	0.005	0.071	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/17/86	2	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/31/86-04/17/86	2	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/86-04/17/86	2	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/17/86	2	9.5	9.5	9.7	9.3	0.08	0.283	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/17/86	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/17/86	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/17/86	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/17/86	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/17/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/17/86	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/17/86	2	0.495	0.495	0.5	0.49	0.	0.007	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/17/86	2	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/17/86	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/17/86	2	3.55	3.55	3.7	3.4	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/17/86	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/17/86	2	5.05	5.05	5.2	4.9	0.045	0.212	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/17/86	2	6.5	6.5	13.	0.	84.5	9.192	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/17/86	2	16.	16.	24.	8.	128.	11.314	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/17/86	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71885	IRON (UG/L AS FE)	03/31/86-04/17/86	2	11.49	11.49	22.98	0.	264.04	16.249	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/17/86	2	1640.	1640.	1640.	1640.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/17/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	03/31/86-04/17/86	2	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0033

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00				1	1	1.00	1	1	1.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0034

NPS Station ID: BLRI0034
 Location: LITTLE IRISH CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin:
 Minor Basin:
 RF1 Index: 02080203
 RF3 Index: 02080203004100.94

LAT/LON: 37.677226/ -79.292504

Depth of Water: 0
 Elevation: 372
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.26

Agency: 12NSS
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2B058024L /2BN2B058024L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.50
 Distance from RF3: 0.40

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-03/31/86	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-03/31/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-03/31/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-03/31/86	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-03/31/86	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/31/86-03/31/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/31/86-03/31/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/86-03/31/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-03/31/86	1	245.6	245.6	245.6	245.6	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-03/31/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-03/31/86	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-03/31/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-03/31/86	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-03/31/86	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-03/31/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-03/31/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-03/31/86	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-03/31/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-03/31/86	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-03/31/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-03/31/86	1	15.7	15.7	15.7	15.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-03/31/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-03/31/86	1	46.	46.	46.	46.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-03/31/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	03/31/86-03/31/86	1	8.99	8.99	8.99	8.99	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-03/31/86	1	1220.	1220.	1220.	1220.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-03/31/86	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	03/31/86-03/31/86	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
		Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	200.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	1	0	0.00				1	0	0.00						
		Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0035

NPS Station ID: BLRI0035 LAT/LON: 37.678059/ -79.295004
 Location: LAKE CENTER PEDLAR LAKE (LYNCHBURG RESERVOIR)
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 2 WEST CENTRAL
 RIVER: PEDLAR RIVER SECTION: 11I TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA
 LAKE STATION

Agency: 21VASWCB
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2-POL018.71
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

Date Created: 06/26/93

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0036

NPS Station ID: BLRI0036
 Location: WHITES RUN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 020802001600.17

LAT/LON: 37.803892/ -79.316670

Depth of Water: 0
 Elevation: 305
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.47

Agency: 12NSS
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2B058015L /2BN2B058015L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/17/86	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/17/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/17/86	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/17/86	2	43.5	43.5	47.	40.	24.5	4.95	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/17/86	2	10.7	10.7	11.	10.4	0.18	0.424	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/17/86	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/31/86-04/17/86	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/86-04/17/86	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/17/86	2	370.9	370.9	416.1	325.7	4086.08	63.922	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/17/86	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/17/86	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/17/86	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/17/86	2	4.65	4.65	5.1	4.2	0.405	0.636	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/17/86	2	4.2	4.2	4.5	3.9	0.18	0.424	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/17/86	2	2.4	2.4	2.5	2.3	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/17/86	2	0.67	0.67	0.7	0.64	0.002	0.042	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/17/86	2	1.37	1.37	1.41	1.33	0.003	0.057	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/17/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/17/86	2	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/17/86	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/17/86	2	5.45	5.45	5.5	5.4	0.005	0.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/17/86	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/17/86	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/17/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
71885	IRON (UG/L AS FE)	03/31/86-04/17/86	2	6.995	6.995	7.99	6.	1.98	1.407	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/17/86	2	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/17/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	03/31/86-04/17/86	2	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0036

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	2	0	0.00				1	0	0.00	1	0	0.00				
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	2	0	0.00				1	0	0.00	1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00				1	0	0.00	1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	0	0.00				1	0	0.00	1	0	0.00				
82079	TURBIDITY, LAB	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0037

NPS Station ID: BLRI0037
 Location: LITTLE IRISH CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080203081900.00

LAT/LON: 37.677226/ -79.330281

Depth of Water: 0
 Elevation: 607
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.000

Agency: 12NSS
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2B058024U /2BN2B058024U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 5.30
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/86-04/15/86	2	10.85	10.85	11.6	10.1	1.125	1.061	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/31/86-04/15/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/31/86-04/15/86	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/31/86-04/15/86	2	25.	25.	26.	24.	2.	1.414	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/31/86-04/15/86	2	10.1	10.1	10.3	9.9	0.08	0.283	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/31/86-04/15/86	2	7.2	7.2	7.3	7.1	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/31/86-04/15/86	2	7.189	7.189	7.3	7.1	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/86-04/15/86	2	0.065	0.065	0.079	0.05	0.	0.021	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/31/86-04/15/86	2	220.35	220.35	235.7	205.	471.245	21.708	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/31/86-04/15/86	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/31/86-04/15/86	2	0.008	0.008	0.012	0.004	0.	0.006	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/31/86-04/15/86	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/31/86-04/15/86	2	2.95	2.95	3.1	2.8	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/31/86-04/15/86	2	2.15	2.15	2.3	2.	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/31/86-04/15/86	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/86-04/15/86	2	2.	2.	2.02	1.98	0.001	0.028	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/86-04/15/86	2	0.685	0.685	0.69	0.68	0.	0.007	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/31/86-04/15/86	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/31/86-04/15/86	2	1.45	1.45	1.5	1.4	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/86-04/15/86	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/31/86-04/15/86	2	14.75	14.75	14.8	14.7	0.005	0.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/86-04/15/86	2	10.5	10.5	21.	0.	220.5	14.849	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/86-04/15/86	2	38.	38.	52.	24.	392.	19.799	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/31/86-04/15/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
71885	IRON (UG/L AS FE)	03/31/86-04/15/86	2	51.465	51.465	102.93	0.	5297.292	72.783	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/31/86-04/15/86	2	1990.	1990.	1990.	1990.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/31/86-04/15/86	2	1.4	1.4	1.8	1.	0.32	0.566	**	**	**	**
83509	STREAM, WIDTH METER	03/31/86-04/15/86	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0038

NPS Station ID: BLRI0038
 Location: BELOW BIG ISLAND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080203061
 RF3 Index: 02080203005507.07

LAT/LON: 37.513337/ -79.331670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.410
 RF3 Mile Point: 9.12

Agency: 21VASWCB
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2-JMS275.75 /VA2-11-X0152/VA2-2X0152
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: JAMES RIVER SECTION: 11 TOPO MAP #: 0053 TOPO MAP NAME: BIG ISLAND, VA

Parameter Inventory for Station: BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	247	15.6	15.547	35.	0.3	74.312	8.62	4.4	7.7	23.7	26.82
00070	TURBIDITY, (JACKSON CANDLE UNITS)	43	6.3	8.402	32.	0.8	46.614	6.827	2.76	4.	8.8	20.8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	13	6.9	6.931	12.6	2.6	9.544	3.089	2.96	4.2	9.1	12.2
00080	COLOR (PLATINUM-COBALT UNITS)	70	54.5	63.357	180.	4.	1148.378	33.888	22.4	38.5	88.5	108.9
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	1	32.2	32.2	32.2	32.2	0.	0.	**	**	**	**
00083	COLOR,SPECTROPHOTOMETRIC.FIL,WATER SPL ADMI UNITS	1	32.6	32.6	32.6	32.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	192	217.	231.13	500.	70.	11290.742	106.258	105.	140.	333.	378.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	73	269.	287.479	503.	127.	12012.253	109.6	155.4	199.	383.	460.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	46	9.7	9.837	14.4	6.2	5.733	2.394	6.8	7.5	12.125	13.23
00300	OXYGEN, DISSOLVED MG/L	200	9.3	9.355	16.3	0.6	6.675	2.584	6.41	7.5	11.575	12.69
00310p	BOD, 5 DAY, 20 DEG C MG/L	194	2.	2.68	35.	0.5	9.695	3.114	1.	1.15	3.	4.
00340	COD, .25N K2CR2O7 MG/L	188	16.	16.388	51.	1.	61.447	7.839	7.	11.	21.	26.
00400p	PH (STANDARD UNITS)	245	8.	7.952	9.5	4.1	0.396	0.63	7.2	7.5	8.4	8.7
00400p	CONVERTED PH (STANDARD UNITS)	245	8.	6.454	9.5	4.1	2.648	1.627	7.2	7.5	8.4	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	245	0.01	0.351	79.433	0.	25.739	5.073	0.002	0.004	0.032	0.063
00403	PH, LAB, STANDARD UNITS SU	116	7.9	7.861	8.5	7.	0.124	0.353	7.3	7.6	8.1	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	116	7.9	7.706	8.5	7.	0.149	0.386	7.3	7.6	8.1	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	116	0.013	0.02	0.1	0.003	0.	0.019	0.005	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	113	89.	85.442	130.	8.	610.606	24.71	54.	66.	107.	116.6
00500	RESIDUE, TOTAL (MG/L)	104	173.5	189.5	394.	61.	4678.466	68.399	109.	136.75	236.75	298.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	104	34.5	46.962	600.	2.	3655.688	60.462	19.5	27.	46.75	82.5
00510	RESIDUE, TOTAL FIXED (MG/L)	103	133.	147.107	319.	33.	3859.312	62.123	79.4	101.	188.	249.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	204	7.	12.287	300.	0.	686.566	26.202	2.5	4.	11.	21.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	205	3.	3.98	25.	0.	12.041	3.47	1.5	2.	5.	7.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	204	4.	7.429	149.	0.	207.508	14.405	1.	2.5	7.	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	208##	0.05	0.053	0.24	0.005	0.001	0.033	0.02	0.04	0.05	0.091
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	207##	0.005	0.009	0.06	0.005	0.	0.008	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	206	0.18	0.183	0.74	0.005	0.018	0.134	0.024	0.05	0.28	0.373
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	205	0.3	0.365	1.799	0.03	0.043	0.206	0.2	0.3	0.4	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	4	0.165	0.19	0.35	0.08	0.016	0.126	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	177	0.2	0.239	1.3	0.05	0.041	0.203	0.05	0.1	0.3	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	143	0.14	0.208	1.2	0.02	0.04	0.2	0.04	0.07	0.29	0.48
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	186	5.6	5.987	17.	0.5	7.167	2.677	3.	4.	7.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	108	107.	105.907	164.	44.	958.328	30.957	65.6	80.	131.5	148.4
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	77	14.	19.195	131.	3.	294.422	17.159	5.	8.	28.	36.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	74	25.5	32.189	74.	11.	324.019	18.001	13.	19.	48.	62.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	49##	0.05	0.094	0.26	0.05	0.004	0.06	0.05	0.05	0.125	0.16
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/09/89-02/17/93	41	6.1	11.024	225.	0.09	1177.361	34.313	2.92	4.45	7.4	8.18
01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/71-07/21/92	17##	2.5	2.882	10.	0.5	9.11	3.018	0.5	1.	3.75	10.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/79-04/11/95	7	6.6	6.216	12.7	2.5	13.202	3.633	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/16/84-05/16/84	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-07/21/92	21##	5.	3.476	10.	0.5	6.212	2.492	0.5	0.5	5.	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	7##	0.5	0.933	2.5	0.08	1.094	1.046	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	7	15.	14.314	17.3	11.7	4.118	2.029	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	29##	5.	8.086	30.	0.5	46.823	6.843	0.5	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	28##	5.	7.589	30.	2.5	31.242	5.589	5.	5.	10.	11.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/79-04/11/95	7	9.2	10.129	18.2	5.8	17.696	4.207	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/24/70-07/21/92	7	240.	323.429	800.	110.	57848.952	240.518	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	25##	5.	5.78	20.	1.	15.835	3.979	1.3	4.	6.5	10.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/79-04/11/95	7	14.8	17.757	48.3	1.4	252.536	15.891	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-07/21/92	8	39.85	43.088	60.	25.	248.976	15.779	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/16/84-05/16/84	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-03/27/74	3##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	13##	5.	9.808	40.	2.5	102.564	10.127	3.5	5.	10.	32.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	7	19.3	19.986	31.2	13.1	38.865	6.234	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	29	10.	14.5	60.	2.5	164.75	12.835	5.	5.	20.	30.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/79-04/11/95	7	110.	113.414	160.	68.9	897.435	29.957	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/16/84-07/21/92	2##	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/92-04/11/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	06/20/68-10/27/70	15	11000.	30484.	150000.	430.	1649113282.857	40609.276	730.	9300.	43000.	115800.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	06/20/68-10/27/70	15	4.041	4.126	5.176	2.633	0.452	0.672	2.834	3.968	4.633	5.052
31505	GEOMETRIC MEAN =				13377.157								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	221	100.	977.602	27000.	50.	7846711.95	2801.198	50.	50.	600.	2700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	221	2.	2.288	4.431	1.699	0.481	0.693	1.699	1.699	2.778	3.431
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				194.172								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	41	1.1	1.254	2.3	0.3	0.347	0.589	0.52	0.8	1.75	2.28
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/31/84-04/11/95	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER, WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR, CIS ISO, WHOLE WTR (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR, TPANS ISO, WHOLE WTR (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/81-04/11/95	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE (TECH MIX & METABS), WHOLE WATER, UG/L	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE (TECH MIX & METABS), SEDIMENTS, DRY WGT, UG/KG	10/31/84-04/11/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/31/84-04/11/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/11/85-07/11/85	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	10/31/84-04/11/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	04/13/82-09/15/83	2	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/11/81-01/10/83	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	07/21/92-07/21/92	1	124.	124.	124.	124.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-10/15/74	24##	0.05	0.067	0.2	0.05	0.002	0.043	0.05	0.05	0.05	0.15
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	62	0.07	0.133	0.84	0.01	0.021	0.145	0.04	0.05	0.153	0.334
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	26##	0.25	0.246	0.7	0.15	0.017	0.131	0.15	0.15	0.25	0.39
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/79-04/11/95	7##	0.07	0.089	0.25	0.025	0.006	0.078	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/11/85-07/11/85	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/92-06/29/94	24	6.2	8.633	32.	1.5	64.136	8.009	2.1	3.675	9.25	23.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0038

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	43	0	0.00	9	0	0.00	21	0	0.00	13	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	4	0	0.00	6	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	12	0	0.00	23	0	0.00	11	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	200	5	0.03	62	4	0.06	86	1	0.01	52	0	0.00			
00400	PH	Other-Hi Lim.	9.	245	9	0.04	73	2	0.03	110	2	0.02	62	5	0.08			
		Other-Lo Lim.	6.5	244 &	2	0.01	72	0	0.00	110	2	0.02	62	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	116	0	0.00	38	0	0.00	48	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	116	0	0.00	38	0	0.00	48	0	0.00	30	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	207	0	0.00	58	0	0.00	93	0	0.00	56	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	206	0	0.00	58	0	0.00	92	0	0.00	56	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	77	0	0.00	17	0	0.00	38	0	0.00	22	0	0.00			
		Drinking Water	250.	77	0	0.00	17	0	0.00	38	0	0.00	22	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	74	0	0.00	16	0	0.00	37	0	0.00	21	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	49	0	0.00	12	0	0.00	24	0	0.00	13	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	17	0	0.00	10	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	50.	17	0	0.00	10	0	0.00	1	0	0.00	6	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00						1	0	0.00				
		Drinking Water	4.	1	0	0.00						1	0	0.00				
01027	CADMIUM, TOTAL	Fresh Acute	3.9	11 &	1	0.09	7	0	0.00			4	1	0.25				
		Drinking Water	5.	11 &	1	0.09	7	0	0.00			4	1	0.25				
01034	CHROMIUM, TOTAL	Drinking Water	100.	29	0	0.00	13	0	0.00	7	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	28	2	0.07	12	0	0.00	7	1	0.14	9	1	0.11			
		Drinking Water	1300.	28	0	0.00	12	0	0.00	7	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

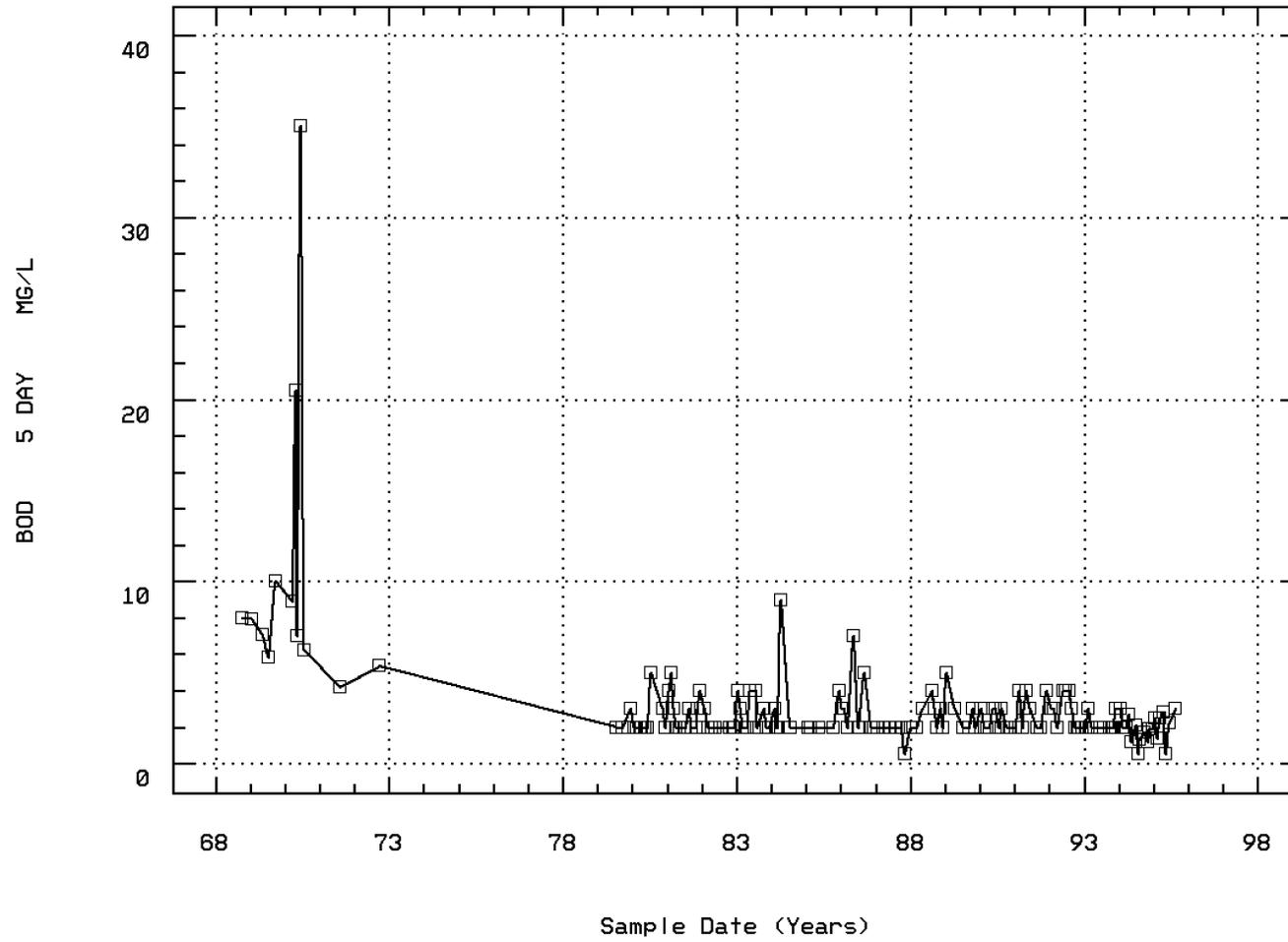
EPA Water Quality Criteria Analysis for Station: BLRI0038

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051 LEAD, TOTAL	Fresh Acute	82.	25	0	0.00	13	0	0.00	6	0	0.00	6	0	0.00			
	Drinking Water	15.	25	1	0.04	13	1	0.08	6	0	0.00	6	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	9	0	0.00				4	0	0.00			
	Drinking Water	100.	13	0	0.00	9	0	0.00				4	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	29	0	0.00	13	0	0.00	7	0	0.00	9	0	0.00			
	Drinking Water	5000.	29	0	0.00	13	0	0.00	7	0	0.00	9	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	13	0.87	8	7	0.88	2	2	1.00	5	4	0.80			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	221	90	0.41	63	15	0.24	103	50	0.49	55	25	0.45			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	1.	3	0	0.00	2	0	0.00	1	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	2	0	0.00	1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	2	0	0.00	1	0	0.00						
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	2	0	0.00	1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	1	0	0.00	1	0	0.00									
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	0.2	1	0	0.00	1	0	0.00									
	Drinking Water	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	2.5	3	0	0.00	2	0	0.00	1	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	2	0	0.00	1	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	0.73	1	0	0.00	1	0	0.00									
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
	Drinking Water	0.52	1	0	0.00	1	0	0.00									
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.4	1	0	0.00	1	0	0.00									
	Drinking Water	0.52	1	0	0.00	1	0	0.00									
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.2	1	0	0.00	1	0	0.00									
	Drinking Water	40.	2	0	0.00	1	0	0.00	1	0	0.00						
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00	1	0	0.00						
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
39760 SILVELX IN WHOLE WATER SAMPLE	Fresh Acute	2.4	26	0	0.00	13	0	0.00	6	0	0.00	7	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.	26	0	0.00	13	0	0.00	6	0	0.00	7	0	0.00			
	Drinking Water	50.	24	0	0.00	6	0	0.00	12	0	0.00	6	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: BLRI0038 Parameter Code: 00310

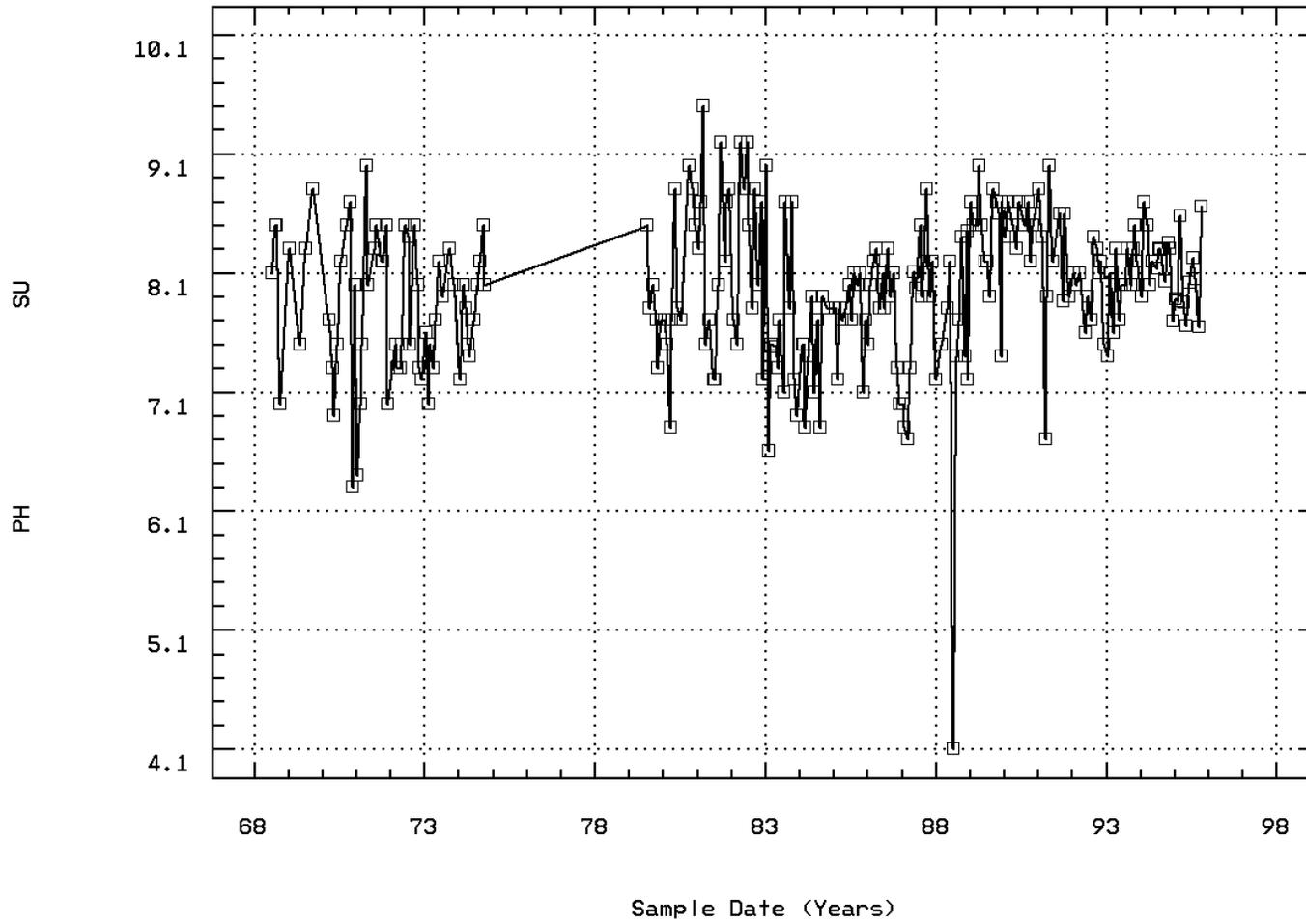
BOD, 5 DAY, 20 DEG C



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00400

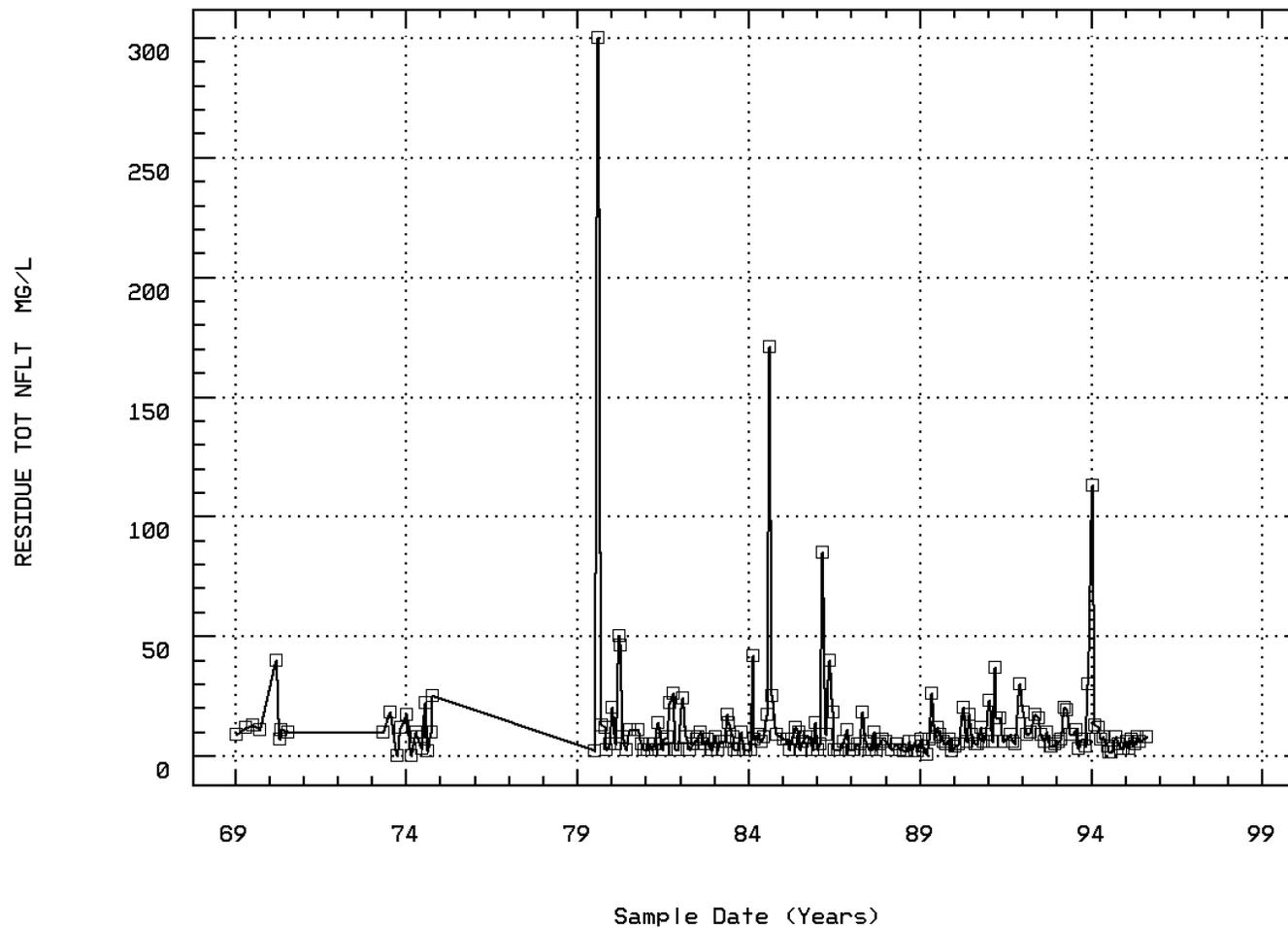
PH (STANDARD UNITS)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00530

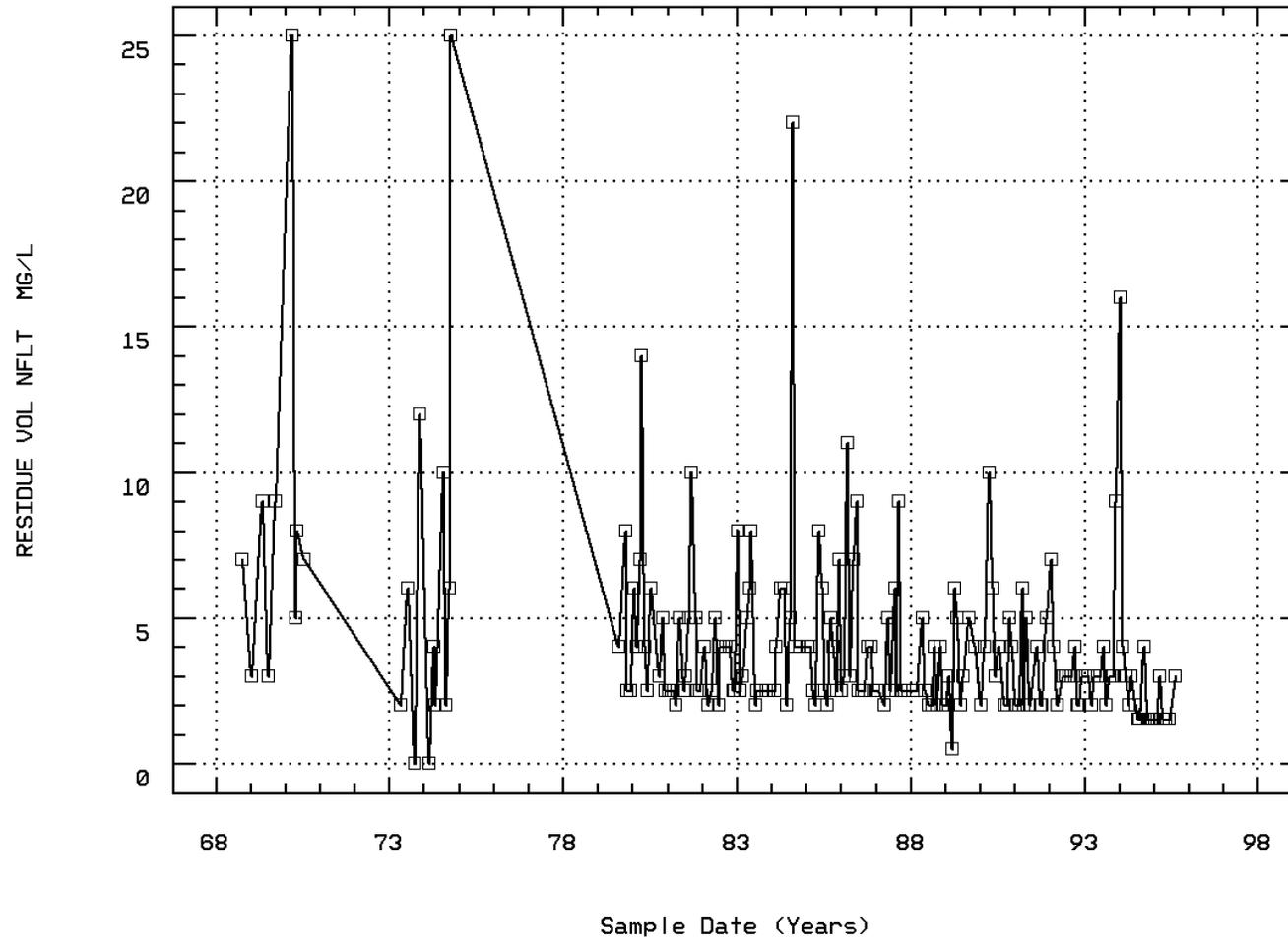
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00535

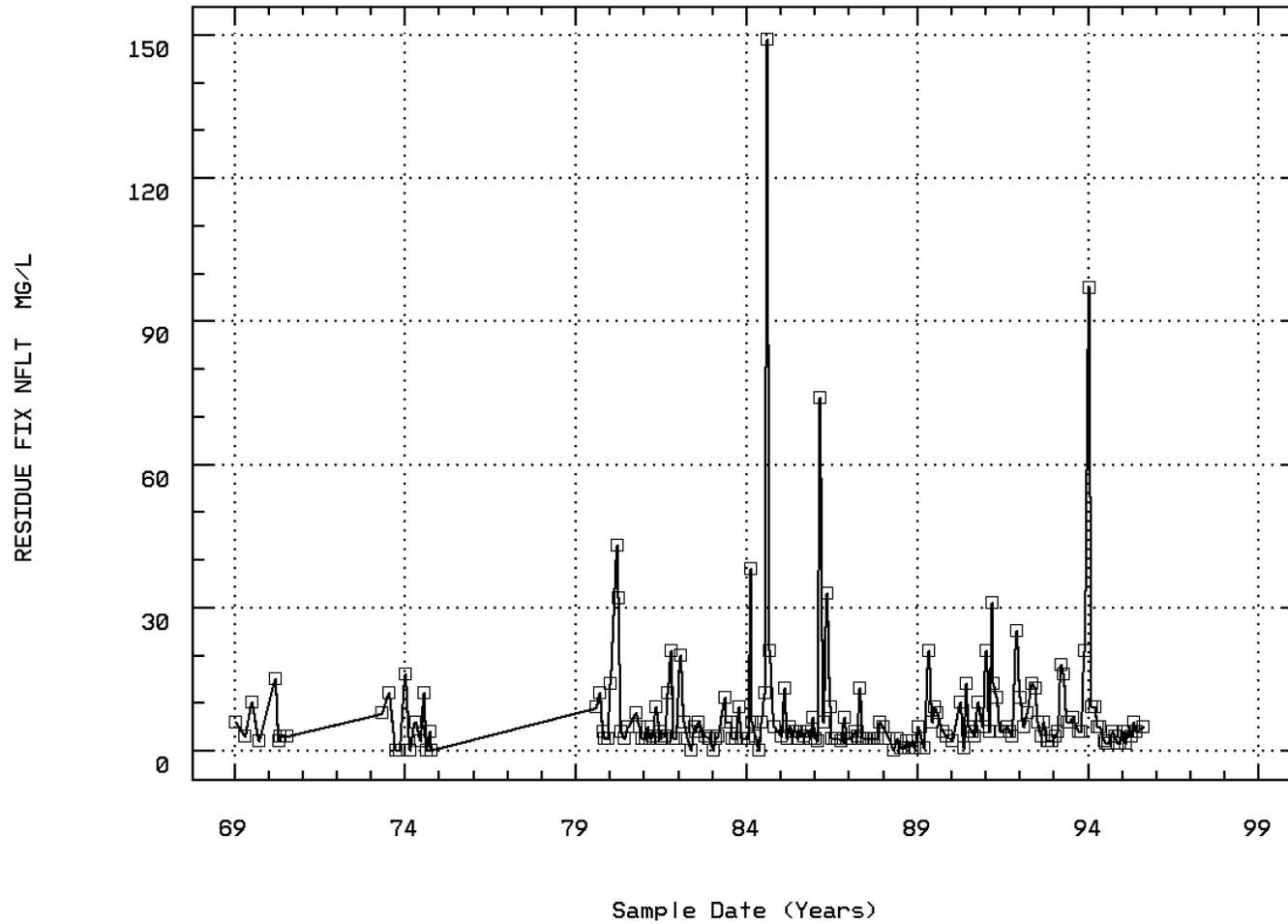
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00540

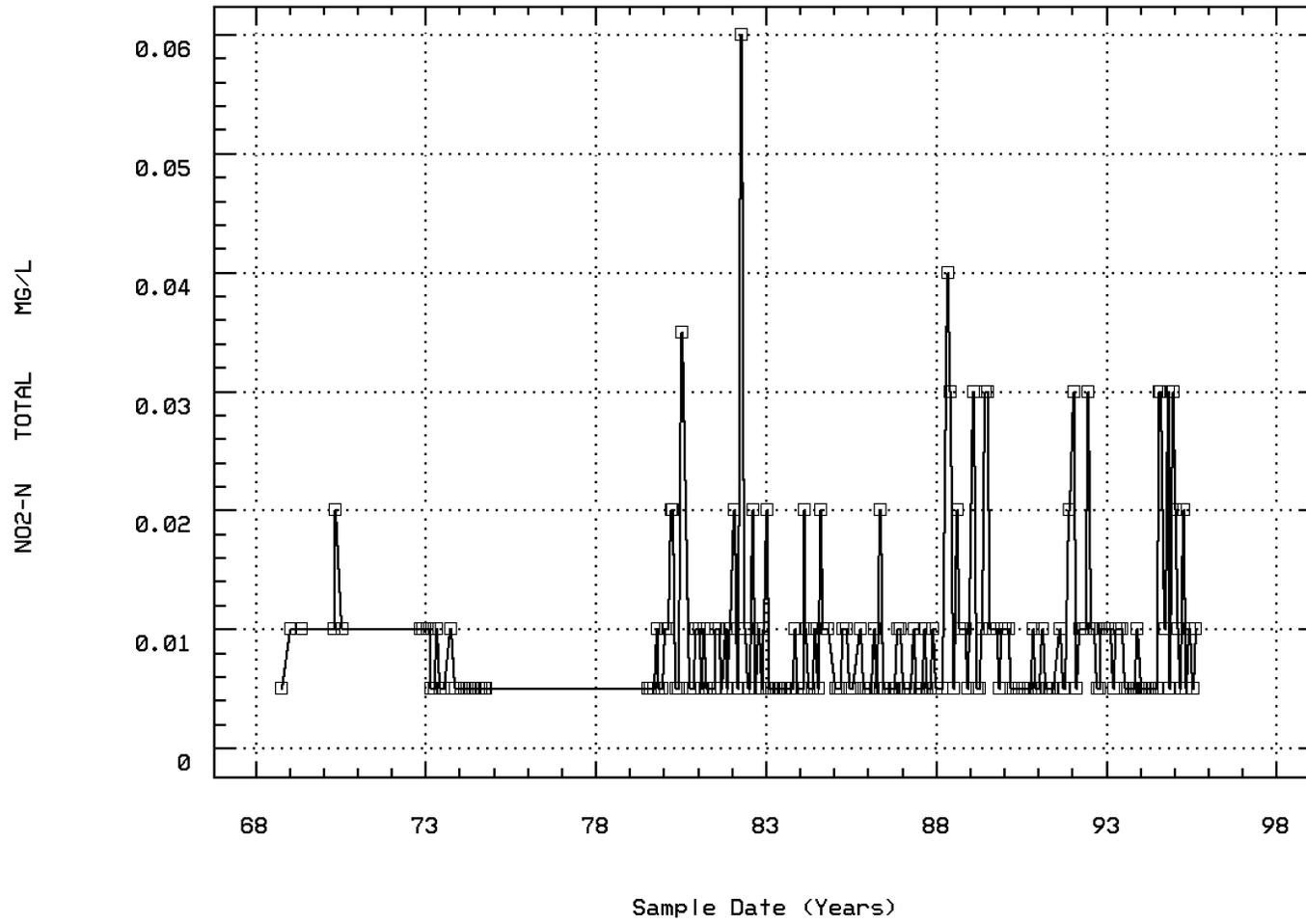
RESIDUE, FIXED NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00615

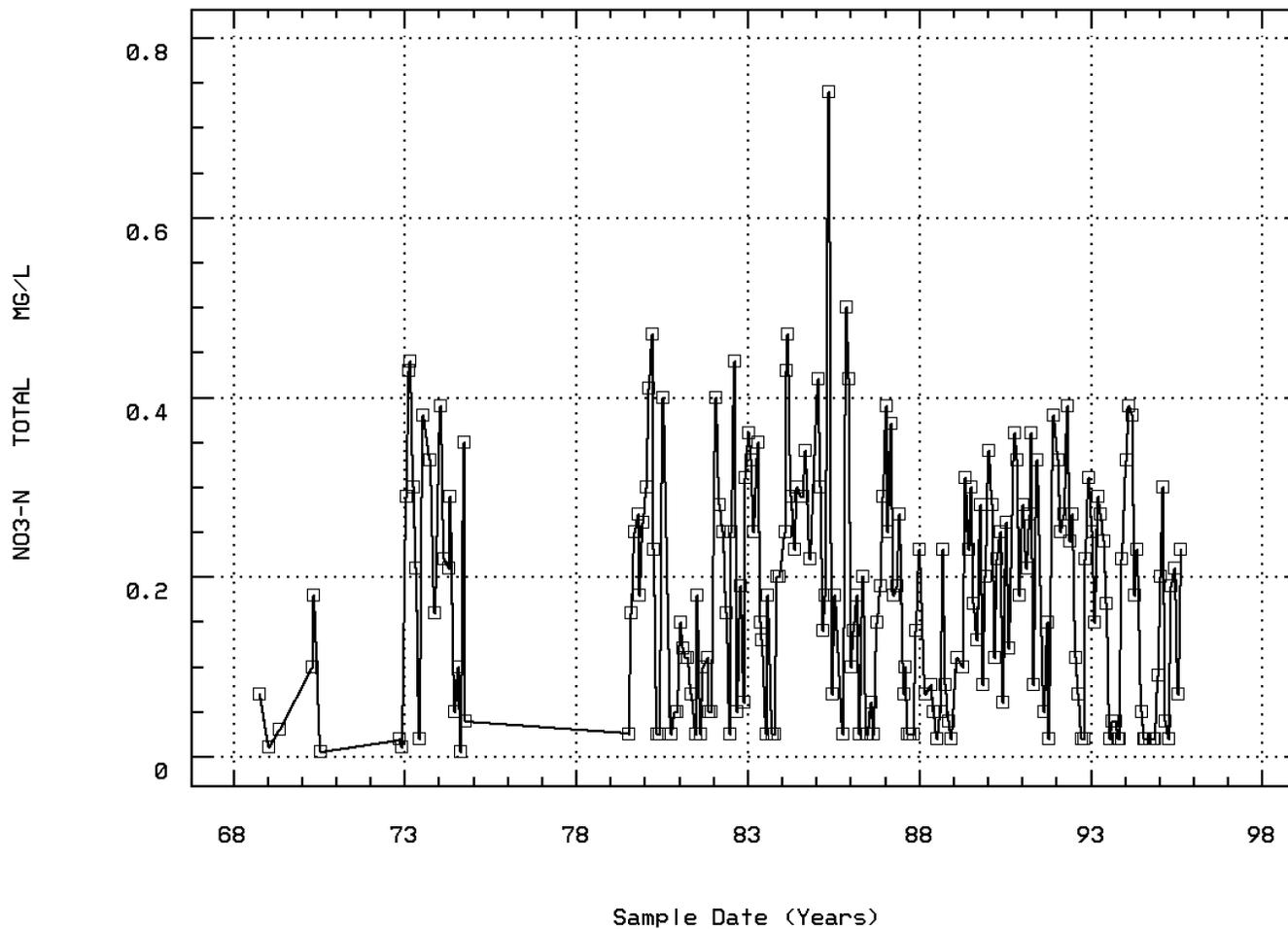
NITRITE NITROGEN, TOTAL (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00620

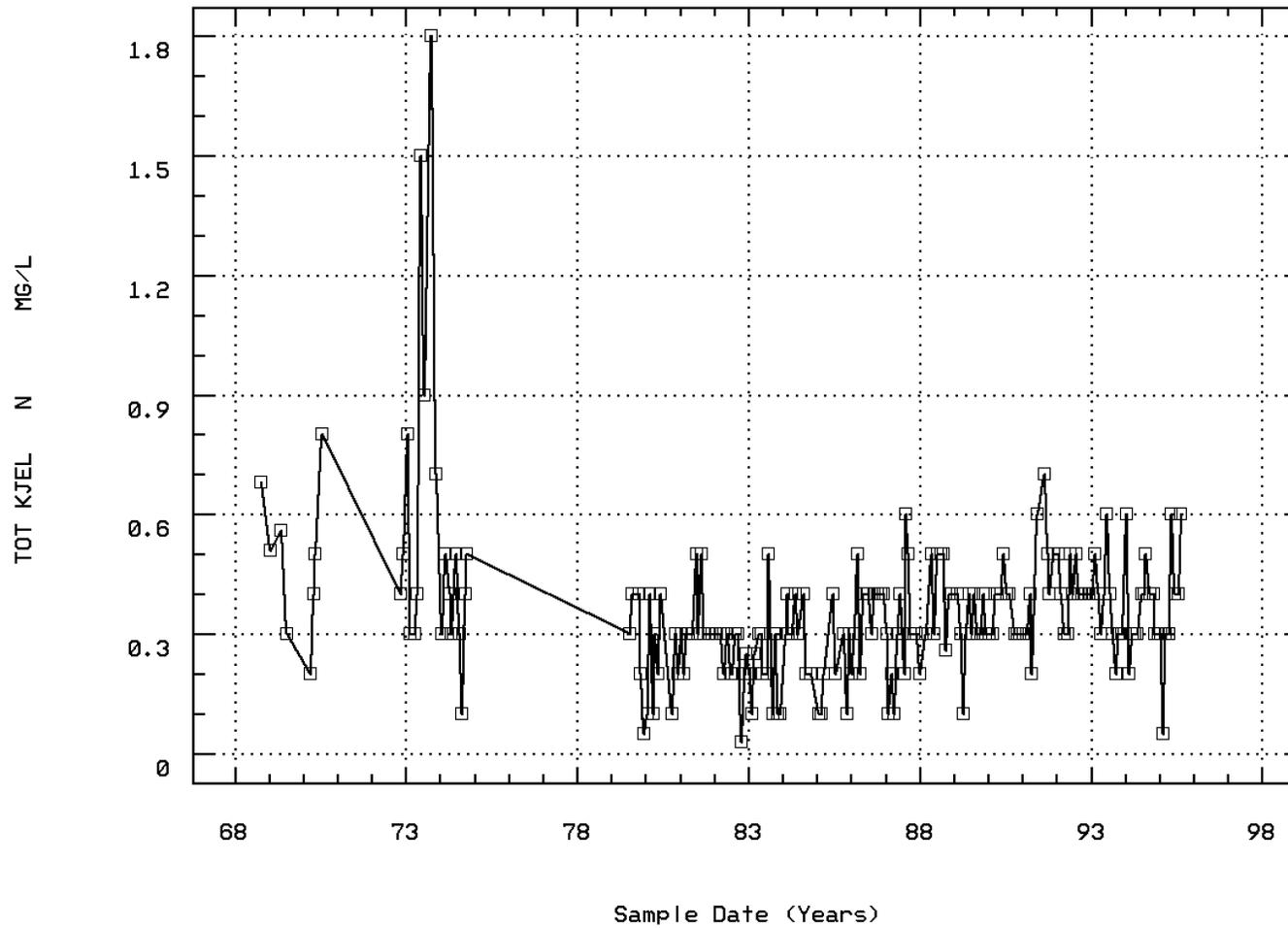
NITRATE NITROGEN, TOTAL (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



BELOW BIG ISLAND

Annual Analysis for 1968 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	5	24.4	25.78	35.	17.8	42.302	6.504	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	5	5.1	5.6	8.	3.9	2.355	1.535	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	4	8.3	8.025	8.5	7.	0.503	0.709	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	4	8.255	7.544	8.5	7.	0.811	0.9	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	4	0.006	0.029	0.1	0.003	0.002	0.048	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	1	394.	394.	394.	394.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	4	23.35	18.75	27.2	1.1	141.95	11.914	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	4	7.4	8.65	13.2	6.6	9.37	3.061	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	4	7.5	7.7	10.	5.8	3.1	1.761	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	4	8.3	8.225	8.8	7.5	0.289	0.538	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	4	8.3	7.966	8.8	7.5	0.378	0.615	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	4	0.005	0.011	0.032	0.002	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	4	7.4	7.6	8.5	7.1	0.407	0.638	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	4	7.355	7.37	8.5	7.1	0.477	0.691	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	4	0.044	0.043	0.079	0.003	0.001	0.035	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	4	94.	91.	107.	69.	255.333	15.979	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	4	227.	237.75	314.	183.	3020.25	54.957	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	4	62.	82.	148.	56.	1954.667	44.212	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	4	162.	155.75	174.	125.	462.917	21.515	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	11.5	11.25	13.	9.	2.917	1.708	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	4	6.	6.	9.	3.	12.	3.464	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	4.5	5.25	10.	2.	12.917	3.594	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	3	0.07	0.105	0.24	0.005	0.015	0.121	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	3	0.51	0.457	0.56	0.3	0.019	0.138	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	9	15.6	15.878	25.6	3.9	56.779	7.535	3.9	8.9	23.3	25.6
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	9	7.2	7.489	10.	4.8	3.091	1.758	4.8	6.1	9.	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	5	8.9	15.52	35.	6.2	151.887	12.324	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	9	7.7	7.678	8.7	6.3	0.597	0.773	6.3	7.1	8.35	8.7
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	9	7.7	7.079	8.7	6.3	1.	1.	6.3	7.1	8.35	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	9	0.02	0.083	0.501	0.002	0.026	0.161	0.002	0.005	0.088	0.501

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	4	7.5	7.525	7.8	7.3	0.042	0.206	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	4	7.5	7.491	7.8	7.3	0.044	0.21	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	4	0.032	0.032	0.05	0.016	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	4	78.5	83.5	114.	63.	540.333	23.245	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	4	213.5	211.75	284.	136.	4196.25	64.778	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	4	86.5	77.25	97.	39.	722.917	26.887	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	4	121.	134.5	206.	90.	2869.667	53.569	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	10.5	17.	40.	7.	238.	15.427	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	4	7.5	11.25	25.	5.	85.583	9.251	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	3.	5.75	15.	2.	38.25	6.185	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	4	0.095	0.11	0.2	0.05	0.005	0.07	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	3	0.1	0.095	0.18	0.005	0.008	0.088	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	4	0.45	0.475	0.8	0.2	0.063	0.25	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	2	3800.	3800.	5600.	2000.	6480000.	2545.584	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	2	3.525	3.525	3.748	3.301	0.1	0.316	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				3346.64								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	4	0.045	0.043	0.07	0.01	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	11	13.9	13.691	26.7	3.3	76.141	8.726	3.42	4.4	20.6	26.48
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	11	9.	9.582	11.8	5.8	3.644	1.909	6.24	8.4	11.4	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	1	4.2	4.2	4.2	0.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	11	8.2	7.873	9.	6.4	0.63	0.794	6.52	7.	8.5	8.9
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	11	8.2	7.219	9.	6.4	1.101	1.049	6.52	7.	8.5	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	11	0.006	0.06	0.398	0.001	0.014	0.118	0.001	0.003	0.1	0.338
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11	2800.	6400.	27000.	50.	91311500.	9555.705	50.	100.	8000.	26200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11	3.447	3.117	4.431	1.699	1.013	1.007	1.699	2.	3.903	4.417
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				1310.198								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	11	15.	15.973	26.1	5.6	49.776	7.055	6.04	11.1	23.9	26.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	11	9.6	9.527	14.2	5.2	4.834	2.199	5.76	8.2	10.6	13.52
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	1	5.4	5.4	5.4	0.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	11	7.5	7.727	8.5	7.2	0.27	0.52	7.22	7.3	8.4	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	11	7.5	7.525	8.5	7.2	0.315	0.562	7.22	7.3	8.4	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	11	0.032	0.03	0.063	0.003	0.	0.022	0.003	0.004	0.05	0.061
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9	100.	911.111	6000.	50.	3862361.111	1965.289	50.	50.	900.	6000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9	2.	2.247	3.778	1.699	0.573	0.757	1.699	1.699	2.827	3.778
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				176.796								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	9	11.7	13.267	26.7	3.9	79.557	8.92	3.9	5.25	23.05	26.7
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	9	11.	10.044	13.	6.6	6.818	2.611	6.6	7.2	12.5	13.
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	9	7.7	7.722	8.3	7.	0.179	0.424	7.	7.4	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	9	7.7	7.538	8.3	7.	0.218	0.466	7.	7.4	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	9	0.02	0.029	0.1	0.005	0.001	0.03	0.005	0.008	0.041	0.1
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	4	194.	182.75	282.	61.	9719.583	98.588	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	4	23.5	20.5	25.	10.	51.	7.141	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	4	176.5	162.25	260.	36.	10541.583	102.672	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	11.	10.	18.	0.	56.	7.483	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	4	4.	5.	12.	0.	28.	5.292	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	4	4.	5.	12.	0.	36.	6.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	9##	0.05	0.051	0.1	0.01	0.001	0.023	0.01	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	9##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	9	0.3	0.284	0.44	0.02	0.018	0.136	0.02	0.185	0.405	0.44
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	9	0.8	0.855	1.799	0.3	0.273	0.522	0.3	0.35	1.25	1.799
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	8	1300.	2181.25	6000.	50.	6784955.357	2604.795	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	8	2.699	2.685	3.778	1.699	0.977	0.989	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			484.523								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	9##	0.05	0.052	0.1	0.03	0.	0.019	0.03	0.045	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	10	17.8	17.34	26.7	4.4	51.865	7.202	4.96	10.825	23.05	26.59
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	10	8.3	8.64	11.	6.8	2.629	1.622	6.8	6.95	10.6	10.96
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.9	7.83	8.5	7.2	0.153	0.392	7.22	7.475	8.05	8.47
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.889	7.678	8.5	7.2	0.179	0.423	7.22	7.475	8.05	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	10	0.013	0.021	0.063	0.003	0.	0.019	0.003	0.009	0.034	0.061
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	9	174.	187.	330.	101.	4093.25	63.979	101.	150.5	211.5	330.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	9	40.	38.778	85.	11.	478.194	21.868	11.	21.5	48.	85.
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	9	125.	148.222	319.	61.	5835.694	76.392	61.	98.	187.5	319.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	9	10.	10.778	25.	0.	78.694	8.871	0.	2.5	19.5	25.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	9	2.	5.667	25.	0.	62.25	7.89	0.	1.	8.	25.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	9	4.	5.111	16.	0.	32.111	5.667	0.	0.	9.	16.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	9##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	9	0.21	0.184	0.39	0.005	0.02	0.142	0.005	0.045	0.32	0.39
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	9	0.4	0.367	0.5	0.1	0.018	0.132	0.1	0.3	0.5	0.5
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	8##	50.	168.75	800.	50.	67812.5	260.408	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	8##	1.699	1.962	2.903	1.699	0.193	0.439	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			91.7								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	9##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	6	14.5	13.633	23.5	2.3	76.067	8.722	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	6	180.	190.833	280.	105.	4874.167	69.815	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	6	7.4	7.467	10.4	5.6	2.923	1.71	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	6	1.5	1.667	3.	1.	0.667	0.816	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	6	15.5	19.	51.	7.	264.4	16.26	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	6	7.75	7.833	8.5	7.3	0.159	0.398	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	6	7.747	7.702	8.5	7.3	0.179	0.423	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	6	0.018	0.02	0.05	0.003	0.	0.016	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	5	167.	158.	199.	98.	1465.5	38.282	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	5	41.	155.4	600.	2.	63023.8	251.045	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	5	142.	127.2	158.	57.	1620.7	40.258	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	6	8.5	55.75	300.	2.	14339.975	119.75	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	6	2.5	3.167	8.	1.	6.867	2.62	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	6	3.25	5.167	12.	1.	18.867	4.344	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	6##	0.05	0.067	0.1	0.05	0.001	0.026	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	6##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	6	0.215	0.191	0.27	0.025	0.009	0.093	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	5	0.3	0.27	0.4	0.05	0.022	0.148	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	5	0.1	0.08	0.1	0.05	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	6	0.09	0.097	0.17	0.05	0.003	0.05	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	6	7.	7.	11.	3.	8.4	2.898	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	5	100.	230.	800.	50.	102000.	319.374	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	5	2.	2.12	2.903	1.699	0.208	0.457	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			131.951								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	10	10.9	13.21	29.	5.	61.432	7.838	5.2	7.	19.25	28.4
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	10	272.5	240.9	350.	70.	12405.878	111.382	73.	130.	350.	350.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	10	10.7	10.24	12.	7.5	2.48	1.575	7.61	8.75	11.775	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	10	2.	2.3	5.	1.	1.122	1.059	1.1	2.	2.25	4.8
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	18.	17.4	24.	8.	22.933	4.789	8.5	13.75	21.25	23.8
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.75	8.03	9.	6.8	0.502	0.709	6.87	7.65	8.8	8.98
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.747	7.564	9.	6.8	0.744	0.863	6.87	7.65	8.8	8.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	10	0.018	0.027	0.158	0.001	0.002	0.047	0.001	0.002	0.023	0.146
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	10	9.5	16.1	50.	2.5	310.267	17.614	2.5	4.375	26.5	49.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	10	4.5	5.4	14.	2.5	11.544	3.398	2.5	2.875	6.25	13.3
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	10	5.	11.7	43.	1.	204.844	14.312	1.15	2.5	18.5	41.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	10##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10##	0.01	0.013	0.035	0.005	0.	0.01	0.005	0.005	0.02	0.034
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.14	0.199	0.47	0.025	0.034	0.184	0.025	0.025	0.403	0.464
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	10	0.25	0.31	1.	0.1	0.072	0.269	0.1	0.1	0.4	0.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.15	0.16	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.14	0.15	0.3	0.02	0.009	0.096	0.024	0.068	0.223	0.299
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	10	7.5	7.9	11.	5.	6.1	2.47	5.	5.	10.25	11.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9##	50.	238.889	1200.	50.	143611.111	378.961	50.	50.	300.	1200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9##	1.699	2.053	3.079	1.699	0.256	0.506	1.699	1.699	2.452	3.079
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			112.983								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	12	13.25	14.133	28.	0.3	104.842	10.239	0.81	3.75	25.075	27.4
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	270.	289.333	422.	180.	5180.97	71.979	195.	236.	347.	412.4
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	12	10.1	10.167	14.	4.3	8.921	2.987	4.99	8.1	13.2	13.97

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	12	2.5	2.833	5.	2.	1.061	1.03	2.	2.	3.75	4.7
00340	COD, .25N K2CR2O7 MG/L	12	19.5	20.583	33.	12.	44.083	6.64	12.6	15.25	23.75	32.7
00400p	PH (STANDARD UNITS)	12	8.25	8.25	9.5	7.2	0.574	0.757	7.2	7.55	8.775	9.41
00400p	CONVERTED PH (STANDARD UNITS)	12	8.247	7.766	9.5	7.2	0.829	0.911	7.2	7.55	8.775	9.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.006	0.017	0.063	0.	0.001	0.023	0.	0.002	0.029	0.063
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	5.	8.292	26.	2.5	65.93	8.12	2.5	2.5	12.5	24.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12 ##	2.5	3.75	10.	2.	5.159	2.271	2.15	2.5	5.	8.5
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	12	3.	5.792	21.	2.5	32.157	5.671	2.5	2.5	8.	18.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	12 ##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.105	0.092	0.18	0.025	0.002	0.049	0.025	0.05	0.118	0.171
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.3	0.325	0.5	0.2	0.007	0.087	0.23	0.3	0.3	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12	0.2	0.227	0.5	0.1	0.014	0.117	0.1	0.2	0.2	0.476
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12	0.185	0.208	0.42	0.11	0.01	0.1	0.113	0.138	0.208	0.414
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	9.5	9.708	17.	0.5	18.475	4.298	1.85	8.	12.75	16.1
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	200.	1350.	8000.	50.	5729545.455	2393.647	50.	100.	1825.	6770.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	2.301	2.535	3.903	1.699	0.563	0.75	1.699	2.	3.242	3.809
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =		342.665							

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	19.	16.209	26.8	1.3	97.789	9.889	1.48	6.	24.9	26.64
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11	260.	236.727	375.	85.	9027.818	95.015	88.	135.	300.	370.
00300p	OXYGEN, DISSOLVED MG/L	11	8.	8.155	13.4	0.6	15.815	3.977	1.06	6.6	11.6	13.24
00310	BOD, 5 DAY, 20 DEG C MG/L	11	2.	1.727	3.	1.	0.418	0.647	1.	1.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	11	15.	15.455	30.	6.	70.073	8.371	6.2	8.	22.	29.4
00400p	PH (STANDARD UNITS)	11	8.5	8.309	9.2	7.2	0.487	0.698	7.26	7.7	8.8	9.2
00400p	CONVERTED PH (STANDARD UNITS)	11	8.5	7.865	9.2	7.2	0.704	0.839	7.26	7.7	8.8	9.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.003	0.014	0.063	0.001	0.	0.019	0.001	0.002	0.02	0.057
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	7.	7.409	24.	2.5	36.691	6.057	2.5	2.5	8.	21.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11	4.	3.318	5.	2.	1.064	1.031	2.	2.5	4.	4.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	11	3.	4.773	20.	0.	29.118	5.396	2.	2.5	6.	17.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	11	0.01	0.014	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.052
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0.25	0.22	0.44	0.025	0.019	0.138	0.03	0.06	0.31	0.432
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11	0.25	0.235	0.3	0.03	0.007	0.083	0.064	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.2	0.205	0.5	0.05	0.028	0.167	0.05	0.05	0.3	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11	0.11	0.145	0.48	0.02	0.023	0.153	0.02	0.03	0.15	0.462
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11	7.	7.545	12.	4.	8.073	2.841	4.	5.	10.	11.8
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	100.	890.909	8000.	50.	5605909.091	2367.68	50.	50.	200.	6560.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.	2.228	3.903	1.699	0.45	0.671	1.699	1.699	2.301	3.703
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =		168.943							

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	13.75	14.242	29.2	3.	80.628	8.979	3.54	6.2	22.75	28.24
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	12	160.	204.583	390.	95.	12629.356	112.38	96.5	112.5	327.5	388.5
00300p	OXYGEN, DISSOLVED MG/L	12	9.95	9.808	13.4	5.	6.724	2.593	5.66	7.4	12.15	13.28
00310	BOD, 5 DAY, 20 DEG C MG/L	12	2.	2.5	4.	1.	1.182	1.087	1.	2.	3.75	4.

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	11.5	13.	26.	4.	49.636	7.045	4.9	7.25	17.5	25.7
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.49	7.665	9.	6.6	0.581	0.762	6.69	7.125	8.475	8.91
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.49	7.25	9.	6.6	0.769	0.877	6.69	7.125	8.475	8.91
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	12	0.032	0.056	0.251	0.001	0.005	0.072	0.001	0.005	0.075	0.214
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	6.	6.792	17.	2.5	23.884	4.887	2.5	9.5	16.1	
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12	2.5	3.792	8.	1.	5.612	2.369	1.3	2.5	5.75	8.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	2.5	4.042	11.	0.	10.839	3.292	0.3	2.5	6.	10.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	12###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12###	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.19	0.185	0.36	0.025	0.015	0.122	0.025	0.051	0.31	0.357
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	12	0.2	0.221	0.5	0.1	0.014	0.12	0.1	0.1	0.3	0.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.2	0.188	0.4	0.05	0.016	0.125	0.05	0.05	0.238	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.115	0.147	0.36	0.02	0.013	0.113	0.023	0.063	0.233	0.348
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	12	6.5	6.083	9.	2.	4.265	2.065	2.3	5.	7.75	8.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12###	75.	233.333	1400.	50.	159242.424	399.052	50.	50.	175.	1160.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12###	1.849	2.035	3.146	1.699	0.231	0.48	1.699	1.699	2.226	3.036
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			108.375								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	10	17.2	15.88	28.	2.8	68.32	8.266	3.27	7.8	22.5	27.6
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	9	160.	180.556	330.	70.	7377.778	85.894	70.	115.	260.	330.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	10	10.	10.05	13.2	7.3	4.063	2.016	7.32	8.475	12.	13.14
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	10	1.5	2.3	9.	1.	6.011	2.452	1.	1.	2.25	8.4
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	10.5	11.8	32.	2.	62.4	7.899	2.4	8.25	13.	30.1
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.5	7.44	7.9	6.8	0.174	0.417	6.8	7.025	7.825	7.9
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.5	7.251	7.9	6.8	0.213	0.462	6.8	7.025	7.825	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	10	0.032	0.056	0.158	0.013	0.003	0.057	0.013	0.015	0.099	0.158
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	10	9.	29.65	171.	2.5	2605.003	51.039	2.85	6.75	29.25	158.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	10	4.	5.65	22.	1.	35.669	5.972	1.1	2.375	6.	20.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	10	6.	24.25	149.	0.	2051.292	45.291	0.25	2.875	25.25	137.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	10###	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.013	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.29	0.311	0.47	0.22	0.007	0.082	0.221	0.245	0.363	0.466
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	9	0.3	0.311	0.4	0.2	0.006	0.078	0.2	0.25	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	9	0.1	0.132	0.3	0.05	0.007	0.086	0.05	0.05	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.12	0.125	0.27	0.04	0.007	0.082	0.04	0.048	0.168	0.268
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	10	6.	6.6	17.	3.	15.156	3.893	3.1	4.	7.	16.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	10###	75.	935.	4700.	50.	2966694.444	1722.409	50.	50.	1350.	4590.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	10###	1.849	2.25	3.672	1.699	0.628	0.792	1.699	1.699	2.973	3.661
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			177.885								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	12	15.6	14.558	26.	1.	79.719	8.929	1.3	7.125	23.15	25.43
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	11	226.	227.364	355.	90.	10096.455	100.481	96.	145.	335.	352.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	11	8.2	9.064	12.2	6.4	4.413	2.101	6.48	7.4	11.6	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	12	1.	1.583	4.	1.	0.811	0.9	1.	1.	2.	3.4
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	13.	14.083	31.	4.	54.992	7.416	4.6	8.5	19.	27.7

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.8	7.75	8.1	7.1	0.101	0.318	7.13	7.7	8.	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.8	7.623	8.1	7.1	0.118	0.344	7.13	7.7	8.	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	12	0.016	0.024	0.079	0.008	0.001	0.023	0.008	0.01	0.02	0.075
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	7.	7.208	14.	2.5	13.294	3.646	2.5	3.375	9.5	13.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12	4.	4.125	8.	2.	4.051	2.013	2.	2.5	5.75	7.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	4.	4.542	13.	2.5	8.748	2.958	2.5	2.625	4.75	11.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.24	0.298	0.74	0.025	0.049	0.222	0.03	0.123	0.44	0.716
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	8	0.2	0.213	0.4	0.1	0.013	0.113	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	8	0.2	0.256	0.6	0.05	0.031	0.176	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.16	0.203	0.6	0.05	0.029	0.172	0.05	0.08	0.278	0.579
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	12	5.5	5.75	10.	2.	6.75	2.598	2.3	4.	7.75	10.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	100.	629.167	4200.	50.	1510208.333	1228.905	50.	50.	475.	3480.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	2.	2.248	3.623	1.699	0.443	0.665	1.699	1.699	2.675	3.513
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			176.992								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	12	15.3	14.908	28.	1.	87.975	9.38	2.05	5.9	24.175	27.91
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	242.5	262.917	395.	145.	9070.265	95.238	146.5	172.5	365.	387.5
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	12	9.2	9.375	12.4	6.4	4.589	2.142	6.58	7.225	11.7	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	12	2.	2.5	7.	1.	3.364	1.834	1.	1.	3.	6.4
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	18.5	18.75	32.	10.	40.023	6.326	10.6	13.25	23.	30.2
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.95	7.858	8.3	7.	0.166	0.408	7.09	7.575	8.175	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.947	7.651	8.3	7.	0.213	0.462	7.09	7.575	8.175	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	12	0.011	0.022	0.1	0.005	0.001	0.028	0.005	0.007	0.028	0.085
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	5.5	15.542	85.	2.5	594.975	24.392	2.5	2.5	16.25	71.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12	3.	4.458	11.	2.5	8.521	2.919	2.5	2.5	6.25	10.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	2.5	12.125	74.	2.	455.097	21.333	2.	2.5	8.5	61.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.12	0.118	0.29	0.025	0.008	0.088	0.025	0.025	0.188	0.263
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	12	0.4	0.358	0.5	0.2	0.008	0.09	0.2	0.3	0.4	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.5	0.492	1.3	0.1	0.094	0.306	0.13	0.3	0.575	1.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.4	0.433	1.2	0.1	0.092	0.304	0.1	0.195	0.563	1.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	12	7.	7.	11.	4.	3.273	1.809	4.3	6.	7.75	10.4
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	8	128.	123.5	148.	80.	460.286	21.454	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11 ##	50.	186.364	1000.	50.	90545.455	300.908	50.	50.	100.	900.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11 ##	1.699	1.963	3.	1.699	0.211	0.459	1.699	1.699	2.	2.94
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			91.809								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	12	16.1	16.933	29.6	3.8	82.324	9.073	4.76	7.95	26.55	29.21
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	202.5	230.75	455.	79.	18308.568	135.309	85.3	108.75	361.25	444.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	12	9.	9.458	12.8	6.7	5.794	2.407	6.7	6.975	12.05	12.62
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	12	1.	1.375	2.	0.5	0.324	0.569	0.65	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	13.5	12.833	28.	1.	60.515	7.779	1.3	7.25	18.5	25.6
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.935	7.782	8.8	6.7	0.459	0.678	6.73	7.075	8.2	8.71
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	12	7.934	7.324	8.8	6.7	0.688	0.829	6.73	7.075	8.2	8.71
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	12	0.012	0.047	0.2	0.002	0.005	0.068	0.002	0.006	0.088	0.187
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	7	8.	7.871	8.2	7.3	0.082	0.287	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	7	8.	7.773	8.2	7.3	0.094	0.306	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	7	0.01	0.017	0.05	0.006	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	7	102.	98.	119.	54.	533.	23.087	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	5.	5.708	18.	2.5	20.384	4.515	2.5	2.5	6.75	15.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12###	2.5	3.25	9.	1.	5.341	2.311	1.	2.125	4.375	8.1
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12###	2.5	3.833	13.	2.5	9.424	3.07	2.5	2.5	3.75	10.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	12###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.16	0.17	0.39	0.025	0.017	0.129	0.025	0.036	0.265	0.384
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	12	0.3	0.3	0.6	0.1	0.022	0.148	0.1	0.2	0.375	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.3	0.375	0.8	0.1	0.084	0.29	0.1	0.1	0.725	0.8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.25	0.335	0.75	0.05	0.072	0.268	0.062	0.098	0.65	0.735
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	8	5.	5.25	8.	3.	2.214	1.488	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	97.	103.833	164.	62.	1246.879	35.311	63.2	67.	133.5	161.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11	100.	586.364	2700.	50.	937545.455	968.269	50.	50.	700.	2620.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	11	2.	2.276	3.431	1.699	0.414	0.644	1.699	1.699	2.845	3.417
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			188.804								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	11	16.3	14.973	27.3	2.	90.24	9.499	2.56	5.3	23.7	27.28
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	13	210.	237.385	465.	115.	11318.923	106.39	121.	150.	328.	425.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	11	9.7	9.945	14.3	6.4	6.395	2.529	6.62	7.8	12.2	13.98
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	10	2.	2.3	4.	1.	0.9	0.949	1.	1.75	3.	3.9
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	18.	20.3	44.	9.	97.789	9.889	9.4	13.75	24.25	42.4
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	11	7.5	7.395	8.45	4.1	1.397	1.182	4.72	7.2	8.2	8.44
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	11	7.5	5.14	8.45	4.1	6.994	2.645	4.72	7.2	8.2	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	11	0.032	7.247	79.433	0.004	573.184	23.941	0.004	0.006	0.063	63.559
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	16	8.05	7.987	8.4	7.5	0.073	0.27	7.57	7.725	8.2	8.33
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	16	8.047	7.907	8.4	7.5	0.08	0.283	7.57	7.725	8.2	8.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	16	0.009	0.012	0.032	0.004	0.	0.008	0.005	0.006	0.019	0.027
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	14	94.	86.143	108.	8.	823.978	28.705	26.	83.	105.5	107.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	10	2.5	3.6	6.	2.	3.544	1.883	2.	2.	6.	6.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	10	2.25	2.7	5.	1.	1.511	1.229	1.1	2.	4.	4.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	10###	1.25	1.6	5.	0.	2.322	1.524	0.05	0.5	2.5	4.75
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	10###	0.02	0.039	0.12	0.01	0.001	0.034	0.011	0.02	0.055	0.115
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.01	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.023	0.039
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.06	0.087	0.23	0.02	0.006	0.078	0.02	0.035	0.118	0.23
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	10	0.4	0.386	0.5	0.2	0.013	0.114	0.206	0.29	0.5	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.5	0.531	0.95	0.3	0.043	0.208	0.3	0.3	0.67	0.925
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.495	0.502	0.95	0.22	0.047	0.216	0.227	0.305	0.643	0.92
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	11	5.2	5.082	7.2	2.1	2.176	1.475	2.28	4.6	6.2	7.08
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	11	118.	118.364	158.	78.	573.455	23.947	79.2	108.	140.	154.8
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	3	36.	32.667	36.	26.	33.333	5.774	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	2	26.	26.	29.	23.	18.	4.243	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	100.	850.	8000.	50.	5129090.909	2264.75	50.	500.	5840.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	2.	2.223	3.903	1.699	0.445	0.667	1.699	2.659	3.603
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		167.277								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	13	11.4	14.023	26.9	3.6	65.925	8.119	4.76	7.55	23.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	6	48.	51.333	87.	28.	376.267	19.398	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	17	190.	202.882	368.	100.	5889.11	76.741	124.	144.5	227.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	9	238.	240.667	324.	147.	3367.25	58.028	147.	195.5	285.
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	13	11.5	10.885	16.3	6.5	7.428	2.725	6.94	8.1	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	12	1.5	1.917	5.	1.	1.538	1.24	1.	1.	2.75
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	18	17.5	18.056	30.	10.	27.585	5.252	10.	14.75	20.25
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	13	8.5	8.438	9.	7.4	0.181	0.425	7.6	8.2	8.7
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	13	8.5	8.182	9.	7.4	0.252	0.502	7.6	8.2	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	13	0.003	0.007	0.04	0.001	0.	0.01	0.001	0.002	0.006
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	20	8.1	8.085	8.3	7.8	0.019	0.139	7.9	8.	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	20	8.1	8.064	8.3	7.8	0.02	0.14	7.9	8.	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	20	0.008	0.009	0.016	0.005	0.	0.003	0.005	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	19	74.	80.263	110.	32.	426.205	20.645	54.	72.	102.
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	12	151.	165.5	242.	122.	1300.636	36.064	122.9	139.75	193.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	12	31.	30.75	43.	16.	80.932	8.996	17.2	22.25	38.5
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	12	126.	134.75	210.	95.	1122.75	33.507	95.3	107.75	159.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	7.	7.792	26.	0.5	42.248	6.5	0.95	4.25	8.75
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12	2.5	2.792	6.	0.5	3.43	1.852	0.65	1.	4.75
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	3.5	5.042	21.	0.5	33.748	5.809	0.65	1.	7.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	11	0.04	0.044	0.08	0.02	0.001	0.025	0.02	0.02	0.07
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	11	0.01	0.014	0.03	0.005	0.	0.01	0.005	0.005	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.185	0.191	0.31	0.08	0.007	0.086	0.082	0.108	0.285
00625p	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	10/13/68-08/16/95	11	0.3	0.318	0.4	0.1	0.008	0.087	0.14	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	11	0.23	0.23	0.3	0.1	0.006	0.078	0.1	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	11	0.23	0.206	0.31	0.07	0.008	0.088	0.072	0.11	0.29
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	18	3.6	4.111	6.3	2.3	1.154	1.074	3.11	3.4	5.025
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	13	98.	98.308	128.	62.	326.564	18.071	69.2	88.	109.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	10	12.5	14.9	29.	4.	75.656	8.698	4.3	7.75	23.5
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	9	21.	22.667	40.	12.	71.	8.426	12.	15.5	26.5
00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	12	0.1	0.086	0.14	0.05	0.001	0.034	0.05	0.05	0.108
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	13	100.	300.	1000.	50.	107083.333	327.236	50.	50.	600.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	13	2.	2.191	3.	1.699	0.287	0.535	1.699	1.699	2.772
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		155.323								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	12	14.8	15.417	27.1	2.8	63.507	7.969	3.73	9.5	23.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	12	35.	45.667	94.	22.	689.879	26.266	22.	26.	68.25
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	185.	217.917	380.	115.	10306.629	101.522	116.5	135.	335.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	12	273.5	271.583	410.	177.	6296.811	79.352	177.3	200.75	349.5
00300p	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	12	9.1	9.758	13.3	6.4	5.806	2.41	6.58	7.45	12.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11	2.	2.364	3.	1.	0.455	0.674	1.2	2.	3.	3.
00340	COD, .25N K2CR2O7 MG/L	11	15.	15.545	28.	7.	34.473	5.871	7.2	11.	18.	26.6
00400p	PH (STANDARD UNITS)	11	8.5	8.527	8.7	8.2	0.03	0.174	8.22	8.4	8.7	8.7
00400p	CONVERTED PH (STANDARD UNITS)	11	8.5	8.494	8.7	8.2	0.031	0.177	8.22	8.4	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.003	0.003	0.006	0.002	0.	0.001	0.002	0.002	0.004	0.006
00403	PH, LAB, STANDARD UNITS SU	12	7.75	7.842	8.4	7.4	0.104	0.323	7.43	7.6	8.1	8.34
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.747	7.743	8.4	7.4	0.115	0.339	7.43	7.6	8.1	8.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.018	0.018	0.04	0.004	0.	0.012	0.005	0.008	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	83.5	87.5	119.	62.	442.636	21.039	62.9	68.25	110.5	117.8
00500	RESIDUE, TOTAL (MG/L)	12	161.5	166.5	270.	95.	2631.182	51.295	97.1	134.25	210.75	255.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	33.5	47.917	132.	13.	1602.992	40.037	15.7	29.	41.5	132.
00510	RESIDUE, TOTAL FIXED (MG/L)	12	108.	118.583	230.	33.	3673.902	60.613	33.	80.5	171.25	217.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	7.5	9.583	20.	4.	31.356	5.6	4.3	5.	15.75	19.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12	3.5	3.833	10.	1.	5.788	2.406	1.3	2.	4.75	8.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	12	4.5	5.792	14.	0.5	24.612	4.961	0.65	1.25	10.	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	0.04	0.054	0.14	0.02	0.002	0.043	0.02	0.02	0.08	0.136
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0.25	0.228	0.36	0.06	0.01	0.1	0.07	0.12	0.33	0.356
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11	0.4	0.364	0.5	0.3	0.005	0.067	0.3	0.3	0.4	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.1	0.132	0.3	0.05	0.005	0.072	0.06	0.1	0.2	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11	0.08	0.095	0.2	0.06	0.002	0.044	0.06	0.06	0.12	0.188
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	4.05	4.217	6.	2.5	1.336	1.156	2.62	3.25	5.375	5.88
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	104.	104.333	154.	60.	786.788	28.05	63.6	82.	129.5	148.
00940	CHLORIDE, TOTAL IN WATER MG/L	12	14.	22.833	131.	4.	1200.879	34.654	4.6	8.25	21.25	99.2
00945	SULFATE, TOTAL (MG/L AS SO4)	12	22.	24.583	48.	13.	114.083	10.681	13.	16.75	32.5	45.
00951	FLUORIDE, TOTAL (MG/L AS F)	12 ##	0.06	0.088	0.26	0.05	0.004	0.061	0.05	0.05	0.108	0.218
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	200.	363.636	1900.	50.	286045.455	534.832	50.	100.	300.	1640.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.301	2.29	3.279	1.699	0.227	0.477	1.699	2.	2.477	3.179
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			194.872								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10	14.9	15.16	27.2	5.5	63.325	7.958	5.66	7.775	21.725	26.81
00080	COLOR (PLATINUM-COBALT UNITS)	10	49.5	62.9	140.	20.	1551.878	39.394	20.2	34.75	99.75	136.5
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10	182.5	214.5	410.	80.	15041.389	122.643	81.	101.25	328.75	406.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10	259.	264.6	450.	127.	13862.044	117.737	129.	153.75	371.	448.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	9	10.2	9.244	13.1	3.3	14.028	3.745	3.3	5.6	12.65	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10	2.5	2.7	4.	1.	1.122	1.059	1.1	2.	4.	4.
00340	COD, .25N K2CR2O7 MG/L	10	16.5	18.8	45.	2.	164.178	12.813	2.	10.25	26.5	43.3
00400p	PH (STANDARD UNITS)	10	8.3	8.196	9.	6.7	0.434	0.659	6.816	7.89	8.65	8.98
00400p	CONVERTED PH (STANDARD UNITS)	10	8.289	7.591	9.	6.7	0.841	0.917	6.816	7.89	8.65	8.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.005	0.026	0.2	0.001	0.004	0.061	0.001	0.002	0.013	0.181
00403	PH, LAB, STANDARD UNITS SU	10	7.75	7.78	8.4	7.	0.184	0.429	7.05	7.5	8.125	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	10	7.725	7.587	8.4	7.	0.225	0.475	7.05	7.5	8.125	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.019	0.026	0.1	0.004	0.001	0.028	0.004	0.008	0.032	0.093
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10	74.	74.7	120.	40.	883.344	29.721	40.2	44.25	100.75	119.2
00500	RESIDUE, TOTAL (MG/L)	10	169.	179.5	300.	96.	4384.944	66.219	97.5	123.75	231.75	296.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10	33.5	32.	53.	16.	152.889	12.365	16.1	19.25	41.5	52.3
00510	RESIDUE, TOTAL FIXED (MG/L)	10	135.	147.5	260.	80.	3407.833	58.377	81.4	100.	188.75	257.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10	12.5	15.4	37.	5.	128.044	11.316	5.1	6.	24.75	36.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10	2.	3.2	6.	2.	2.622	1.619	2.	2.	5.	5.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10	8.	12.2	31.	3.	104.178	10.207	3.1	4.	22.	30.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10 ##	0.02	0.047	0.16	0.02	0.002	0.048	0.02	0.02	0.083	0.153

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10 ##	0.005	0.008	0.02	0.005	0	0.005	0.005	0.005	0.01	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	10	0.24	0.213	0.38	0.02	0.132	0.132	0.023	0.073	0.338	0.378
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	10	0.45	0.49	1.	0.2	0.054	0.233	0.21	0.3	0.625	0.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.1	0.115	0.2	0.05	0.004	0.063	0.05	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.06	0.071	0.15	0.02	0.002	0.04	0.021	0.038	0.103	0.146
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	10	4.45	4.37	6.7	2.1	2.413	1.554	2.15	2.9	5.85	6.63
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	9	106.	104.222	154.	54.	1119.444	33.458	54.	74.	132.	154.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	10	12.5	14.7	34.	3.	120.9	10.995	3.1	4.75	24.5	33.5
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	10	27.	30.7	57.	11.	296.9	17.231	11.3	14.75	49.5	56.7
00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	9 ##	0.05	0.089	0.16	0.05	0.002	0.048	0.05	0.05	0.14	0.16
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	10 ##	75.	235.	1000.	50.	94472.222	307.363	50.	50.	350.	950.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	10 ##	1.849	2.097	3.	1.699	0.241	0.491	1.699	1.699	2.533	2.97
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			125.083								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	11	12.7	16.391	32.7	4.6	80.051	8.947	5.22	9.8	24.4	31.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	11	64.	72.909	119.	22.	874.291	29.568	26.6	58.	105.	116.8
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	11	200.	237.273	420.	110.	13406.818	115.788	113.	130.	370.	414.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	11	304.	310.636	470.	167.	11859.855	108.903	169.8	200.	409.	459.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	11	9.9	9.936	12.3	7.1	4.487	2.118	7.18	7.5	12.2	12.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	11	3.	2.818	4.	2.	0.764	0.874	2.	2.	4.	4.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	11	17.	15.	22.	2.	48.8	6.986	2.6	11.	21.	22.
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	11	8.1	7.991	8.4	7.5	0.083	0.288	7.52	7.7	8.2	8.38
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	11	8.1	7.9	8.4	7.5	0.092	0.303	7.52	7.7	8.2	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	11	0.008	0.013	0.032	0.004	0.	0.009	0.004	0.006	0.02	0.03
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	11	8.1	8.009	8.4	7.3	0.123	0.351	7.34	7.8	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	11	8.1	7.859	8.4	7.3	0.148	0.384	7.34	7.8	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	11	0.008	0.014	0.05	0.004	0.	0.014	0.004	0.005	0.016	0.046
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	11	88.	87.636	120.	54.	532.855	23.084	54.6	65.	109.	118.
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	11	205.	201.273	310.	108.	4721.418	68.713	109.2	131.	262.	300.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	11	35.	36.364	53.	23.	97.055	9.852	23.4	28.	45.	51.8
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	11	160.	164.909	268.	79.	3815.291	61.768	80.2	106.	217.	258.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	11	9.	9.818	18.	4.	26.364	5.135	4.	5.	16.	17.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	11	3.	3.273	7.	2.	2.018	1.421	2.	2.	4.	6.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	11	6.	6.545	14.	2.	19.673	4.435	2.	2.	11.	13.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	11	0.04	0.034	0.05	0.02	0.	0.014	0.02	0.02	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.006	0.01	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.245	0.208	0.39	0.02	0.015	0.124	0.02	0.08	0.3	0.372
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	12	0.4	0.408	0.5	0.3	0.004	0.067	0.3	0.4	0.475	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.1	0.121	0.3	0.05	0.006	0.075	0.05	0.063	0.175	0.27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	6	0.035	0.038	0.06	0.02	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	11	5.2	5.364	8.6	1.6	4.263	2.065	1.94	4.	7.3	8.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	102.	105.333	152.	62.	1215.515	34.864	63.2	67.5	141.5	149.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	11	19.	18.909	34.	5.	110.291	10.502	5.4	9.	29.	33.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	11	43.	38.727	69.	15.	349.018	18.682	15.8	20.	54.	66.6
00951	FLUORIDE, TOTAL (MG/L AS F)	11/17/88-04/19/93	11 ##	0.05	0.114	0.25	0.05	0.007	0.081	0.05	0.05	0.15	0.25
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	100.	775.	3400.	50.	1386590.909	1177.536	50.	50.	1450.	3190.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	2.	2.33	3.531	1.699	0.536	0.732	1.699	1.699	3.153	3.501
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			213.913								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	6	0.145	0.132	0.2	0.06	0.003	0.052	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	13.15	15.65	32.5	4.5	101.643	10.082	4.71	6.325	25.675	31.39
00080	COLOR (PLATINUM-COBALT UNITS)	11	83.	69.273	116.	4.	1259.018	35.483	10.	35.	96.	114.6
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	12	212.5	236.	430.	80.	17064.727	130.632	83.	112.5	364.	415.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	303.5	311.083	498.	135.	18185.902	134.855	135.	202.	447.5	495.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12	10.3	9.733	12.4	6.5	5.908	2.431	6.59	7.	12.05	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	12	2.	1.917	3.	1.	0.447	0.669	1.	1.25	2.	3.
00340	COD, .25N K2CR2O7 MG/L	12	13.	14.667	24.	4.	41.333	6.429	5.5	10.	21.	23.1
00400p	PH (STANDARD UNITS)	12	8.05	8.033	8.5	7.4	0.106	0.326	7.46	7.775	8.3	8.44
00400p	CONVERTED PH (STANDARD UNITS)	12	8.047	7.911	8.5	7.4	0.122	0.35	7.46	7.775	8.3	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.009	0.012	0.04	0.003	0.	0.011	0.004	0.005	0.017	0.035
00403	PH, LAB, STANDARD UNITS SU	12	7.95	7.9	8.3	7.2	0.118	0.344	7.23	7.8	8.175	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.947	7.75	8.3	7.2	0.143	0.378	7.23	7.8	8.175	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.011	0.018	0.063	0.005	0.	0.019	0.005	0.007	0.016	0.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	91.5	88.167	130.	46.	689.606	26.26	51.1	64.5	106.5	126.1
00500	RESIDUE, TOTAL (MG/L)	12	187.	203.083	325.	96.	6692.083	81.805	100.2	129.	284.25	322.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	32.5	38.833	63.	18.	220.333	14.844	21.	28.25	55.5	61.5
00510	RESIDUE, TOTAL FIXED (MG/L)	12	146.	164.333	287.	67.	5929.879	77.006	71.2	100.5	233.75	277.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	8.	11.	30.	3.	63.636	7.977	3.3	6.25	17.	27.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12	3.	3.417	9.	2.	3.356	1.832	2.	3.	3.	7.5
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	12	5.	7.583	21.	1.	46.447	6.815	1.	3.25	13.75	20.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12##	0.03	0.045	0.09	0.02	0.001	0.029	0.02	0.02	0.078	0.087
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	12##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.16	0.144	0.29	0.02	0.012	0.109	0.02	0.025	0.248	0.284
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.35	0.367	0.6	0.2	0.012	0.107	0.23	0.3	0.4	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12	0.2	0.179	0.4	0.05	0.01	0.099	0.065	0.1	0.2	0.37
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	6.1	5.758	8.8	2.9	2.879	1.697	3.08	4.2	6.9	8.32
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	109.	108.583	160.	44.	1508.811	38.843	48.8	80.25	141.5	159.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11	14.	19.273	41.	4.	199.818	14.136	4.	8.	32.	40.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11	31.	37.545	73.	11.	532.073	23.067	11.4	17.	65.	71.4
00951	FLUORIDE, TOTAL (MG/L AS F)	3##	0.05	0.117	0.25	0.05	0.013	0.115	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	100.	686.364	2500.	50.	688045.455	829.485	50.	50.	1300.	2300.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.	2.375	3.398	1.699	0.538	0.734	1.699	1.699	3.114	3.354
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			237.252								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12	0.13	0.147	0.4	0.03	0.012	0.111	0.03	0.06	0.215	0.364

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	16.65	16.725	32.2	4.	87.851	9.373	4.15	7.6	25.725	30.73
00080	COLOR (PLATINUM-COBALT UNITS)	12	54.5	60.667	119.	5.	872.97	29.546	14.	43.75	83.	109.7
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	12	262.5	236.25	405.	85.	14668.75	121.115	88.	112.5	331.25	397.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	339.5	313.667	503.	142.	20367.697	142.715	145.9	164.25	449.5	497.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12	9.6	9.825	13.5	6.6	6.326	2.515	6.69	7.3	12.35	13.47
00310	BOD, 5 DAY, 20 DEG C MG/L	12	1.9	1.792	3.	0.5	0.464	0.682	0.71	1.225	2.075	2.91
00340	COD, .25N K2CR2O7 MG/L	12	19.	18.167	26.	11.	25.242	5.024	11.3	12.25	22.	25.1
00400p	PH (STANDARD UNITS)	12	8.245	8.2	8.7	7.69	0.074	0.272	7.753	8.008	8.338	8.64
00400p	CONVERTED PH (STANDARD UNITS)	12	8.243	8.122	8.7	7.69	0.081	0.284	7.753	8.008	8.337	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.006	0.008	0.02	0.002	0.	0.005	0.002	0.005	0.01	0.018
00403	PH, LAB, STANDARD UNITS SU	12	7.65	7.633	8.1	7.	0.108	0.328	7.03	7.5	7.9	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.647	7.506	8.1	7.	0.126	0.354	7.03	7.5	7.9	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.023	0.031	0.1	0.008	0.001	0.029	0.009	0.013	0.032	0.094
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	100.5	87.	125.	46.	963.818	31.045	46.3	51.75	116.25	124.1
00500	RESIDUE, TOTAL (MG/L)	12	222.	213.	322.	95.	7505.273	86.633	98.	114.75	298.	319.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	40.5	47.167	94.	22.	517.606	22.751	22.9	28.25	64.25	89.8
00510	RESIDUE, TOTAL FIXED (MG/L)	12	159.	165.833	265.	70.	5915.061	76.909	72.1	82.25	253.25	262.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	6.	14.917	113.	1.5	968.402	31.119	1.5	3.	11.	83.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	12	2.	3.458	16.	1.5	16.521	4.065	1.5	1.5	3.75	12.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	12	3.5	11.667	97.	1.5	729.606	27.011	1.5	1.5	8.	70.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.045	0.047	0.1	0.02	0.001	0.029	0.02	0.02	0.07	0.097
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12 ##	0.005	0.014	0.03	0.005	0.	0.012	0.005	0.005	0.03	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	12	0.07	0.146	0.39	0.02	0.023	0.15	0.02	0.02	0.305	0.387
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	12	0.35	0.367	0.6	0.2	0.012	0.107	0.23	0.3	0.4	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.2	0.242	0.6	0.05	0.039	0.196	0.05	0.1	0.375	0.6
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	12	5.05	5.217	7.7	2.9	3.083	1.756	3.02	3.4	7.	7.67
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	94.5	101.583	164.	56.	1765.72	42.02	56.6	61.5	137.	163.4
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	12	20.5	21.333	44.	5.	224.242	14.975	5.3	6.25	35.5	42.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	12	37.5	39.333	74.	12.	599.515	24.485	12.	14.25	63.	72.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	250.	1258.333	8000.	50.	5540378.788	2353.801	50.	100.	1825.	6560.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	12	2.389	2.502	3.903	1.699	0.528	0.727	1.699	2.	3.172	3.784
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			317.763								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	12	0.13	0.187	0.5	0.04	0.028	0.168	0.04	0.063	0.313	0.497

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

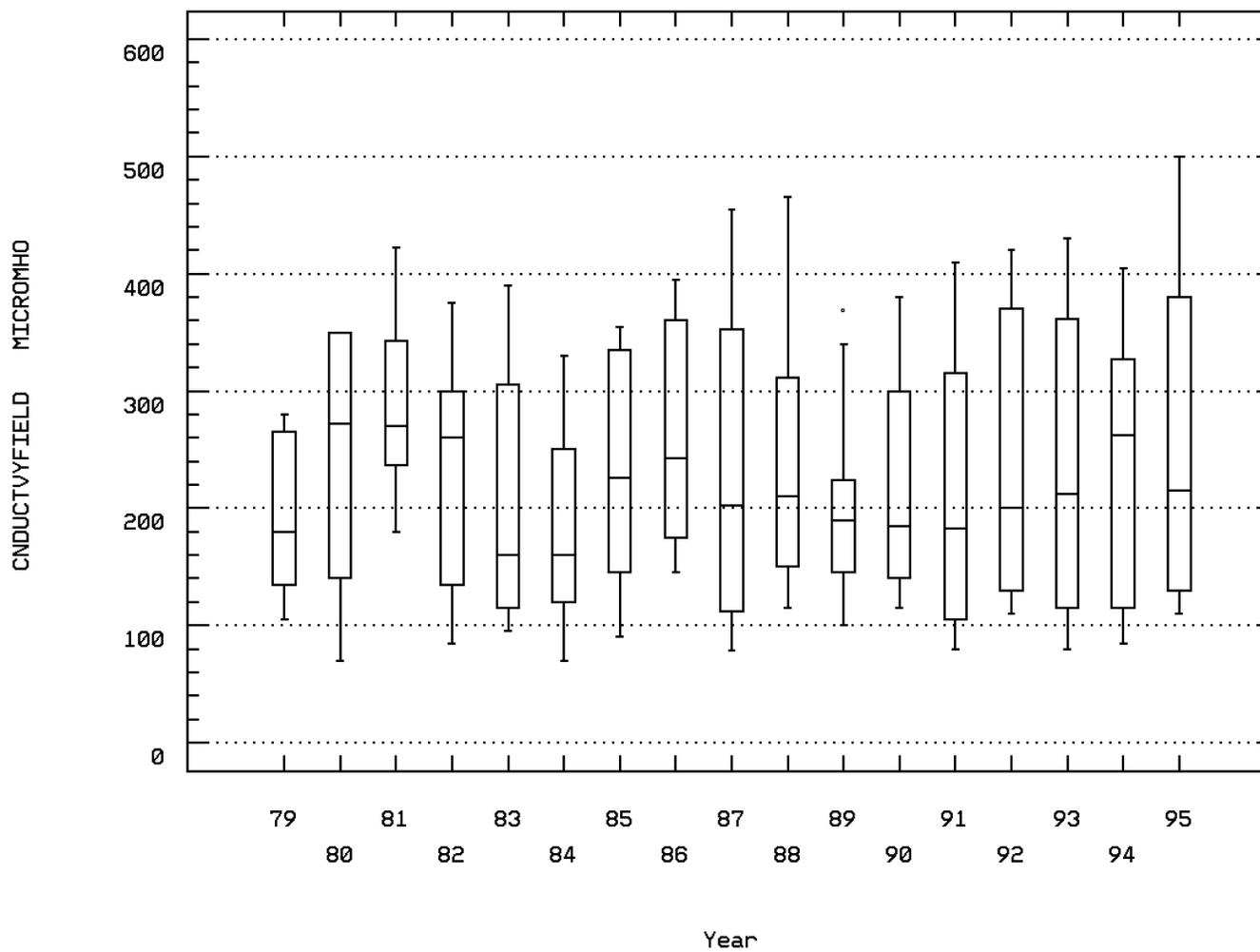
Annual Analysis for 1995 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	10	17.	17.35	29.9	1.9	84.681	9.202	2.45	8.975	25.975	29.71
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	7	62.	68.286	115.	29.	831.571	28.837	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	10	215.	267.	500.	110.	20328.889	142.579	110.5	126.25	398.75	495.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	7	237.	285.857	473.	215.	8735.143	93.462	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	10	9.3	9.75	14.4	6.2	8.543	2.923	6.26	7.325	13.225	14.29
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	7	2.5	2.129	3.	0.5	0.779	0.883	**	**	**	**
00340	COD, 25N K2CR2O7 MG/L	07/10/79-08/16/95	7	13.	15.429	29.	7.	48.952	6.997	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.95	8.043	8.66	7.65	0.122	0.35	7.651	7.803	8.31	8.652
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	10	7.944	7.941	8.66	7.65	0.134	0.366	7.651	7.802	8.31	8.652
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	10	0.011	0.011	0.022	0.002	0.	0.007	0.002	0.005	0.016	0.022
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	7	7.4	7.486	8.1	7.2	0.091	0.302	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	7	7.4	7.417	8.1	7.2	0.097	0.311	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	7	0.04	0.038	0.063	0.008	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	7	69.	78.857	125.	63.	513.476	22.66	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	7	144.	169.571	285.	127.	3016.286	54.921	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	7	30.	28.714	37.	19.	47.905	6.921	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	7	123.	140.857	255.	101.	2882.143	53.686	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	7	6.	6.143	8.	3.	3.143	1.773	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	7 ##	1.5	1.929	3.	1.5	0.536	0.732	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	7	4.	3.929	6.	1.5	2.036	1.427	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	8	0.05	0.048	0.09	0.02	0.001	0.026	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	8	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	8	0.195	0.158	0.3	0.02	0.01	0.101	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	8	0.35	0.369	0.6	0.05	0.032	0.179	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	8	0.25	0.319	0.9	0.05	0.071	0.267	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	7	5.7	6.3	12.1	3.5	7.37	2.715	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	7	86.	92.571	130.	74.	391.619	19.789	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	7	15.	18.	35.	11.	80.333	8.963	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	7	25.	30.429	53.	22.	117.619	10.845	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9 ##	50.	127.778	600.	50.	33819.444	183.901	50.	50.	125.	600.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	9 ##	1.699	1.886	2.778	1.699	0.152	0.389	1.699	1.699	2.	2.778
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			76.873								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	8	0.175	0.264	0.84	0.06	0.068	0.26	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0038 Parameter Code: 00094

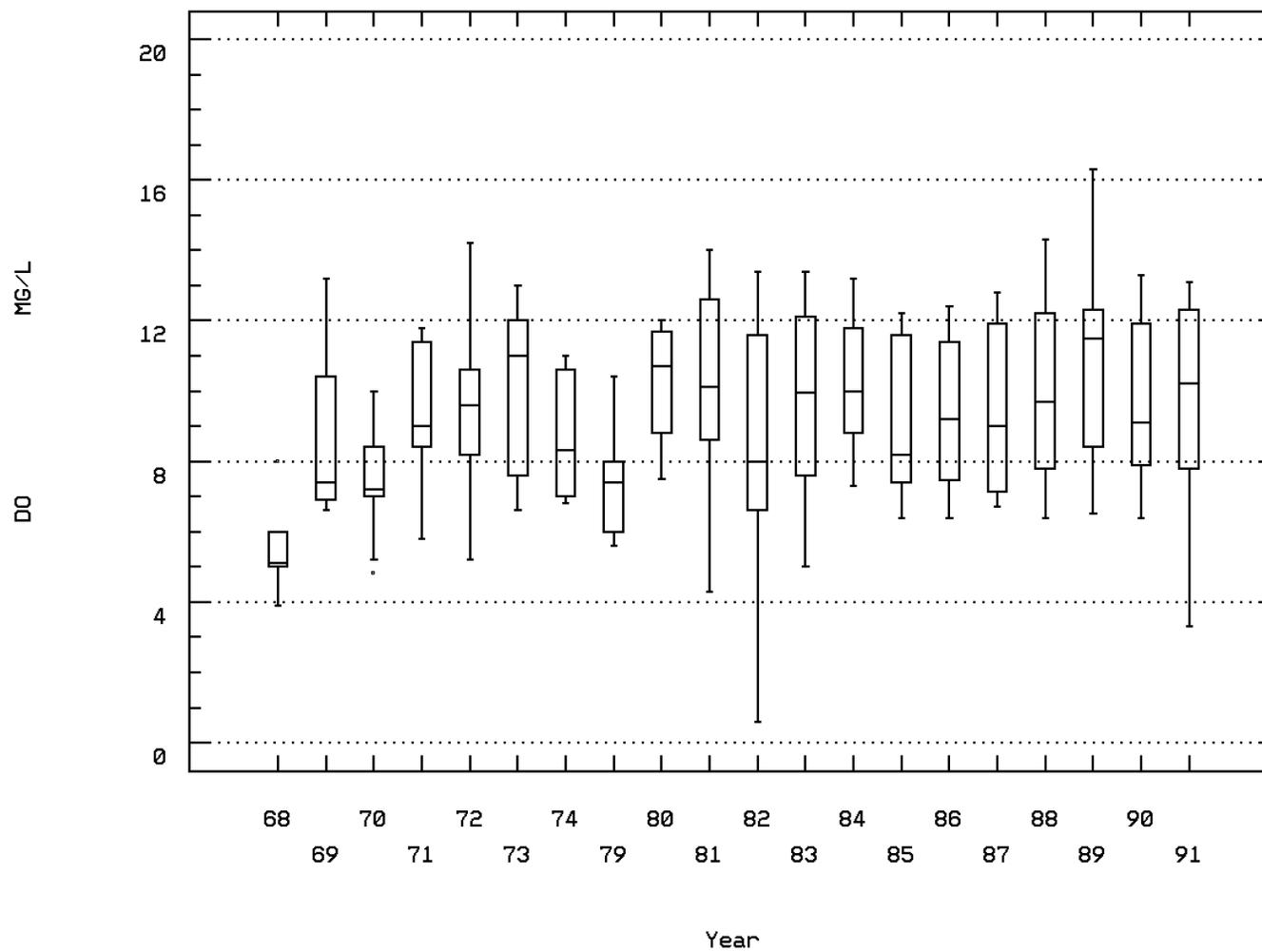
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00300

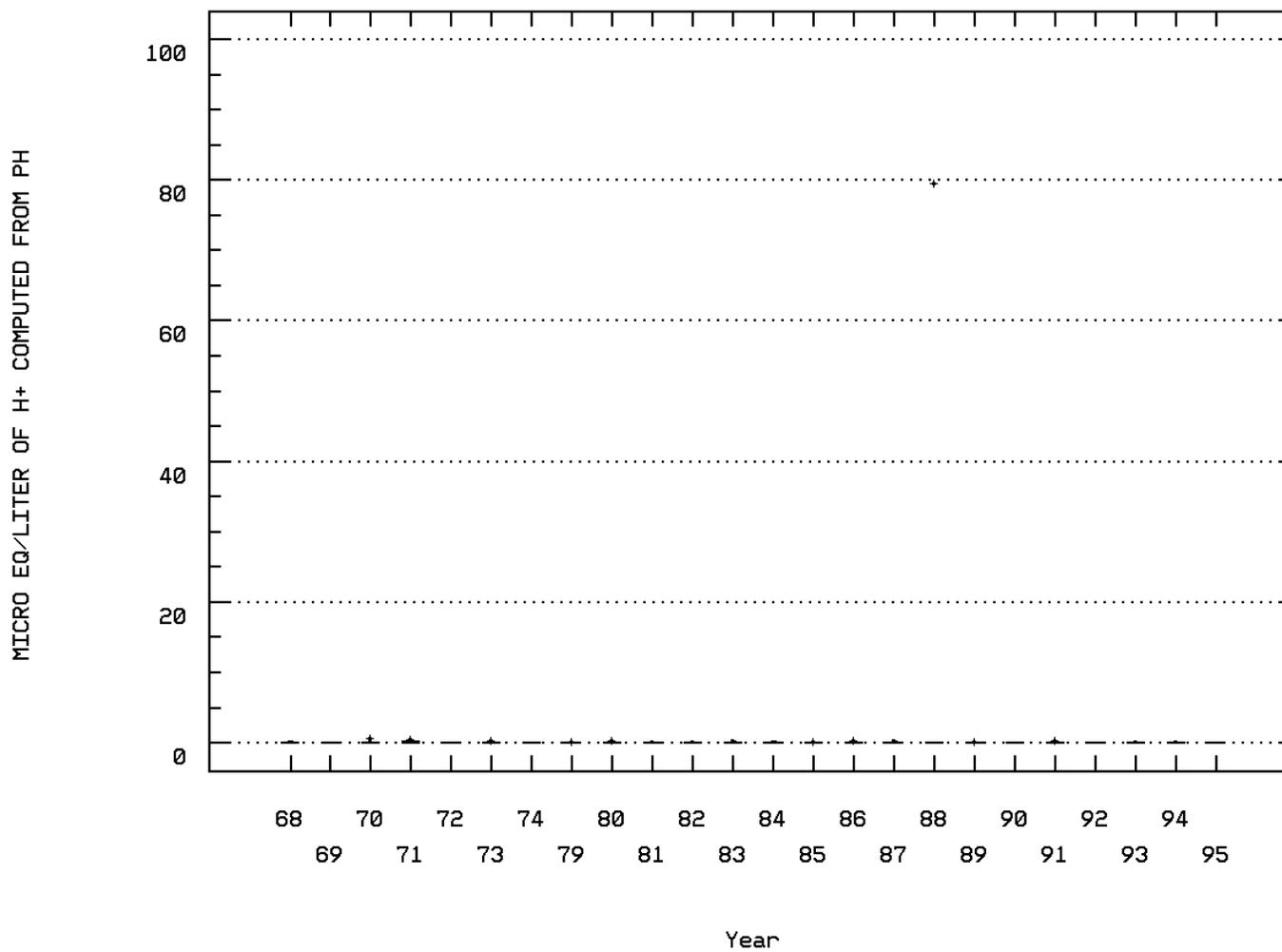
OXYGEN, DISSOLVED



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00400

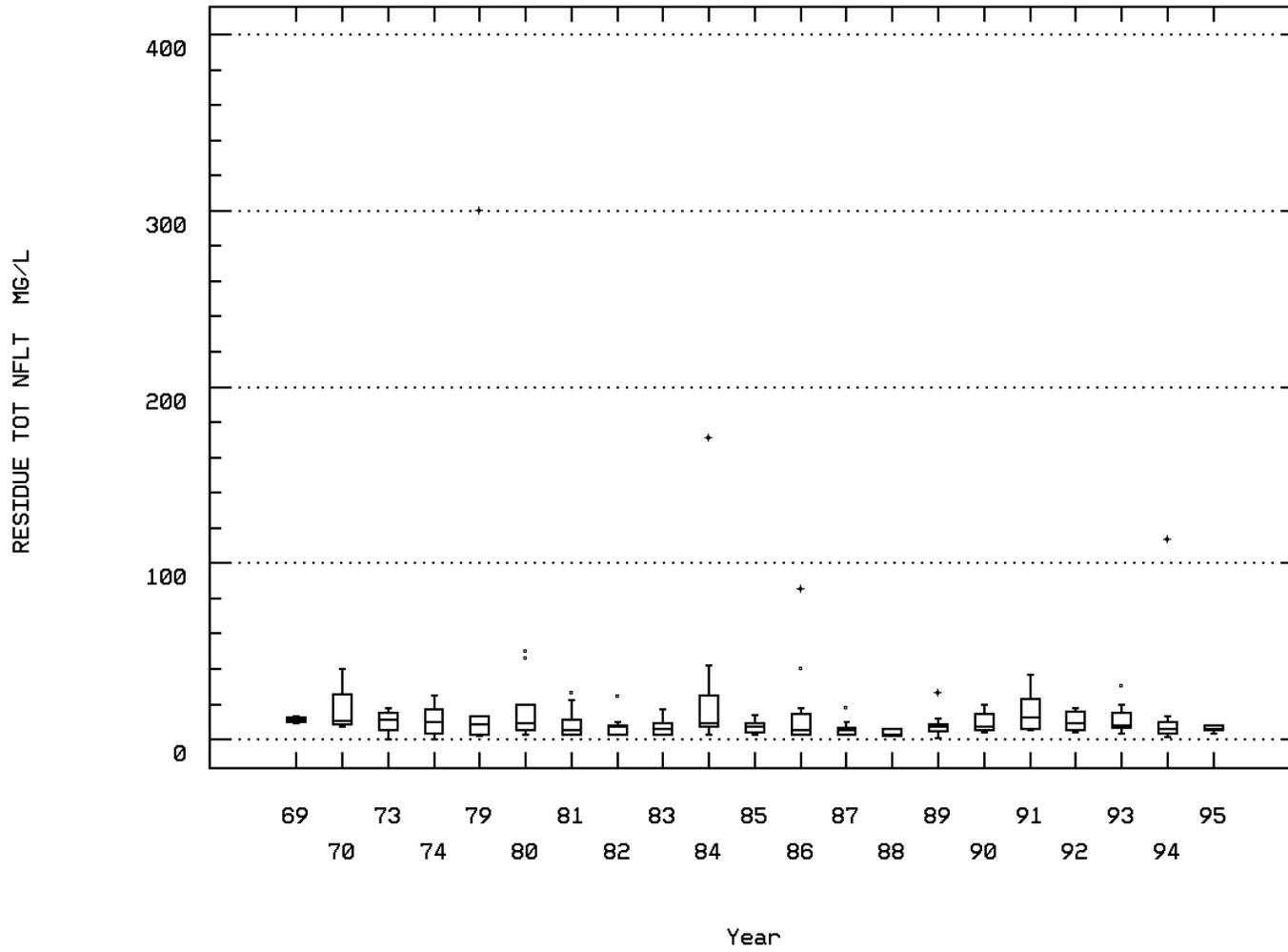
MICRO EQ/LITER OF H+ COMPUTED FROM PH



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00530

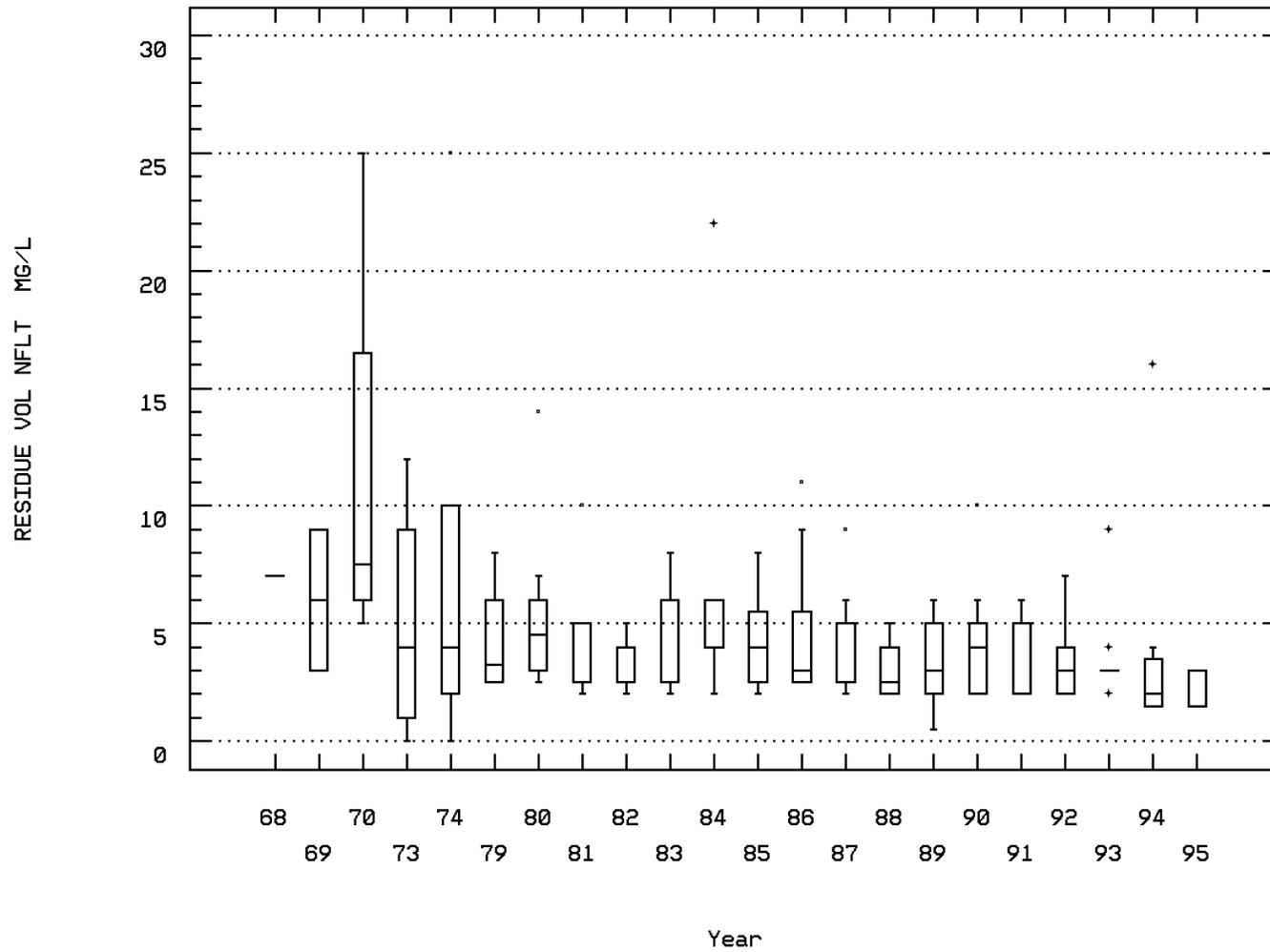
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00535

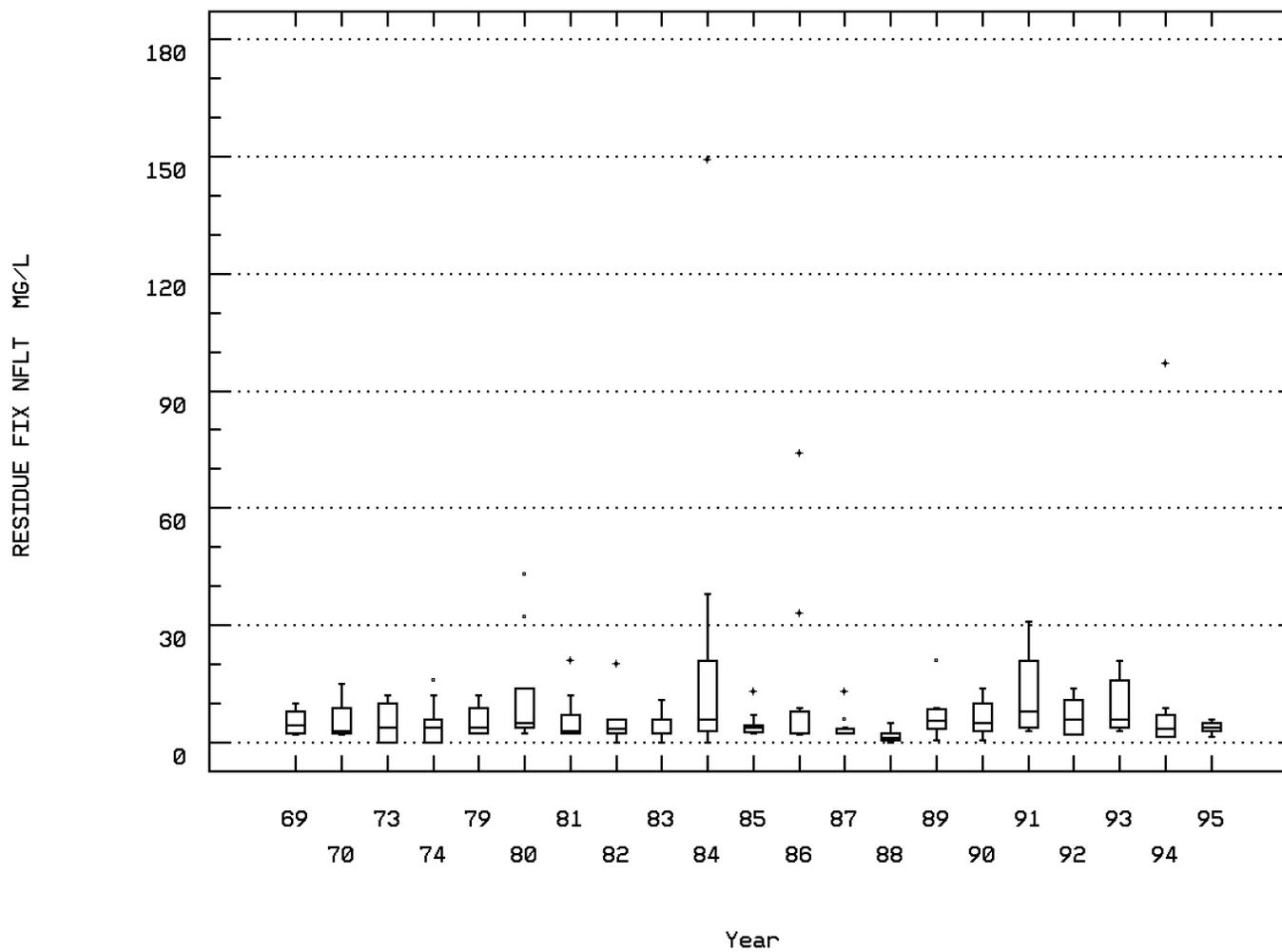
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00540

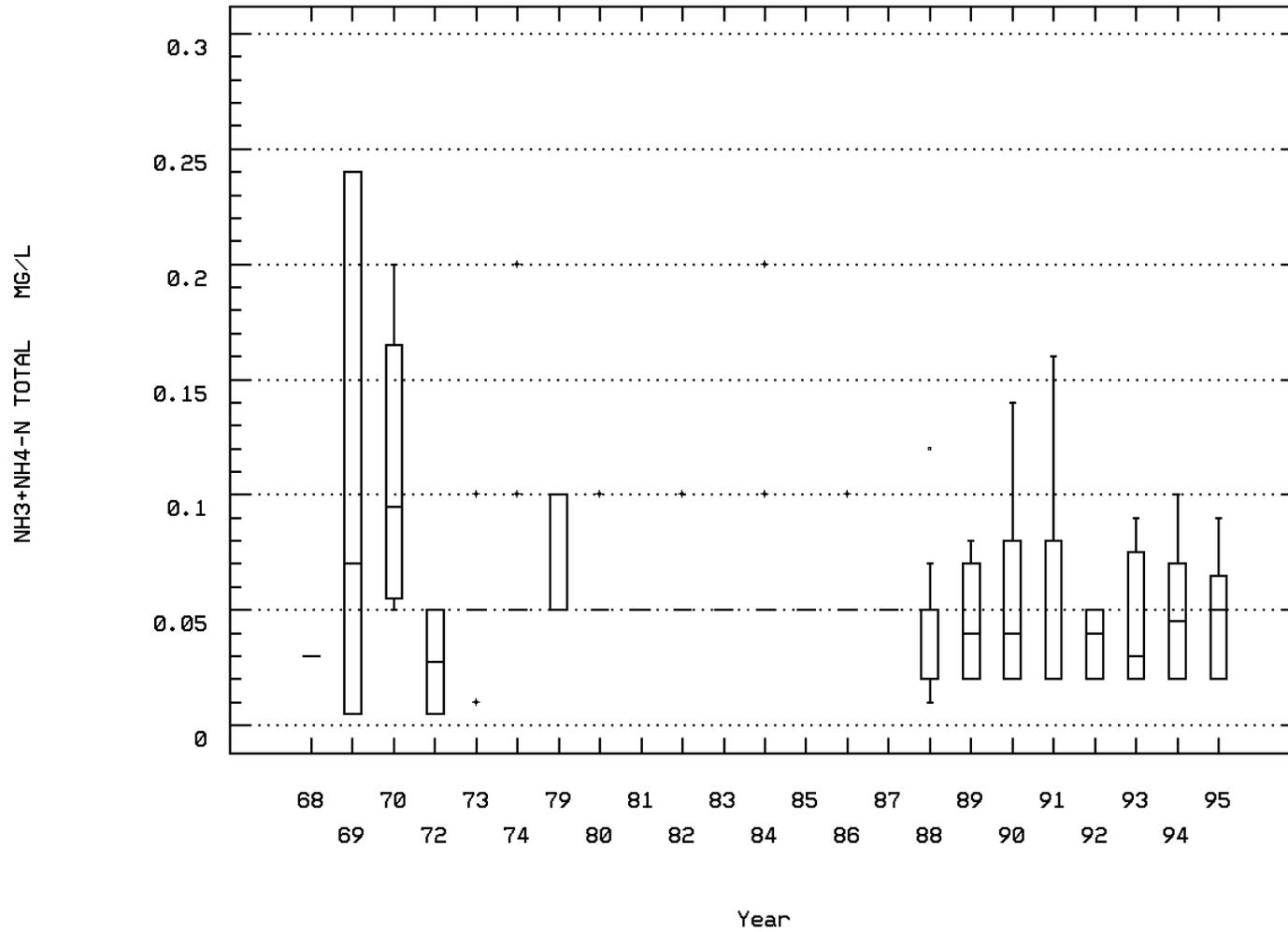
RESIDUE, FIXED NONFILTRABLE (MG/L)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00610

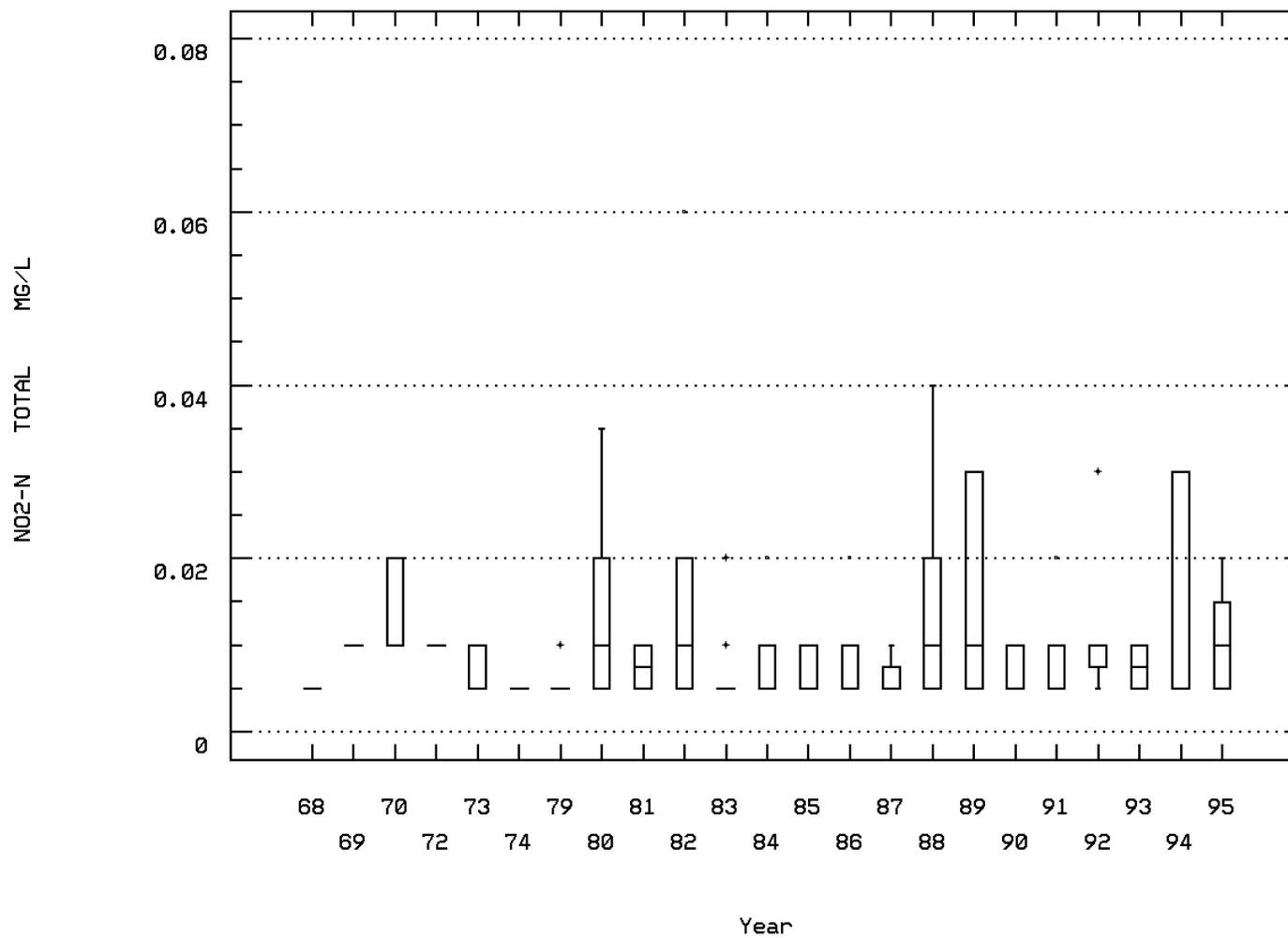
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00615

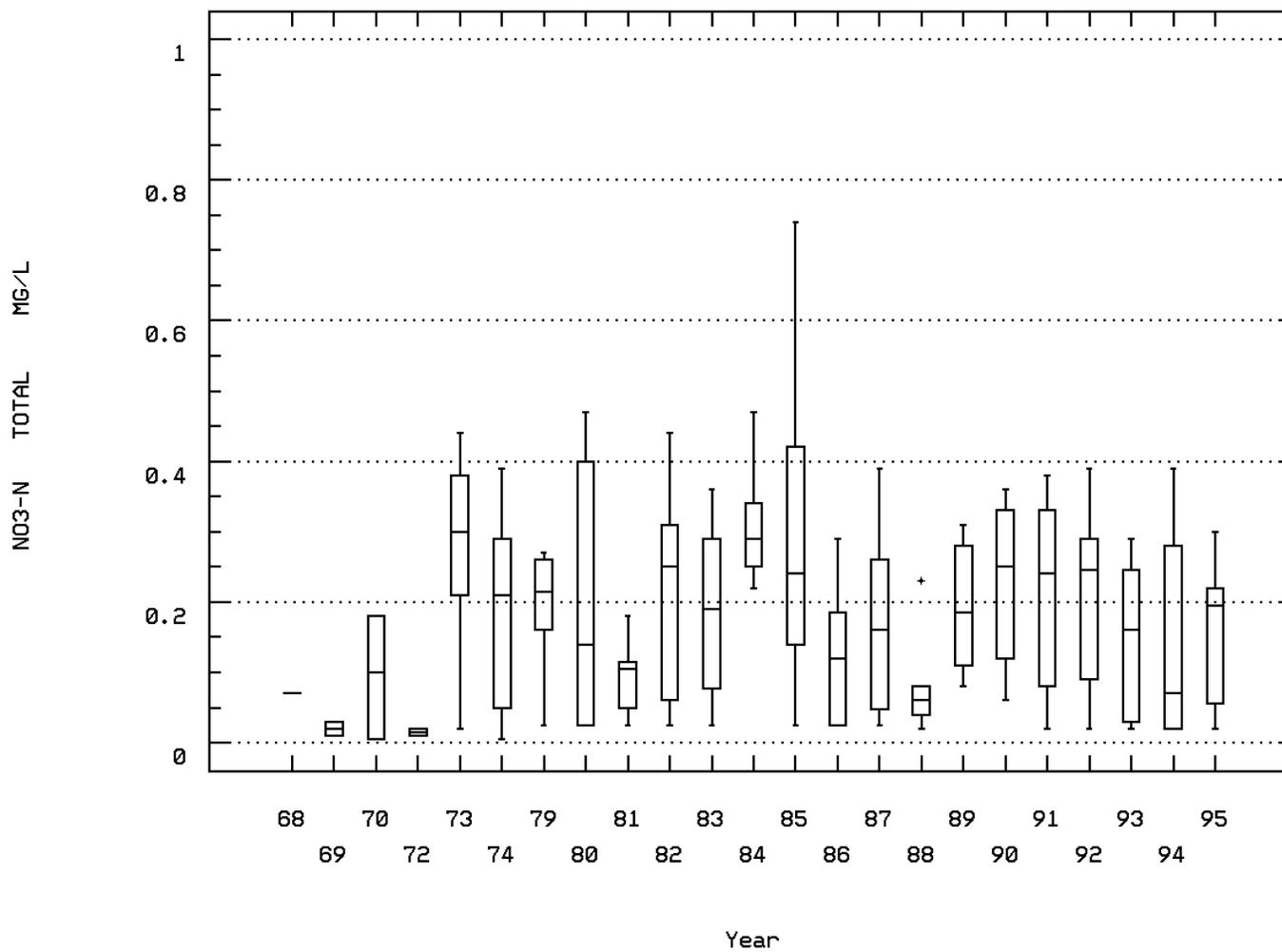
NITRITE NITROGEN, TOTAL (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00620

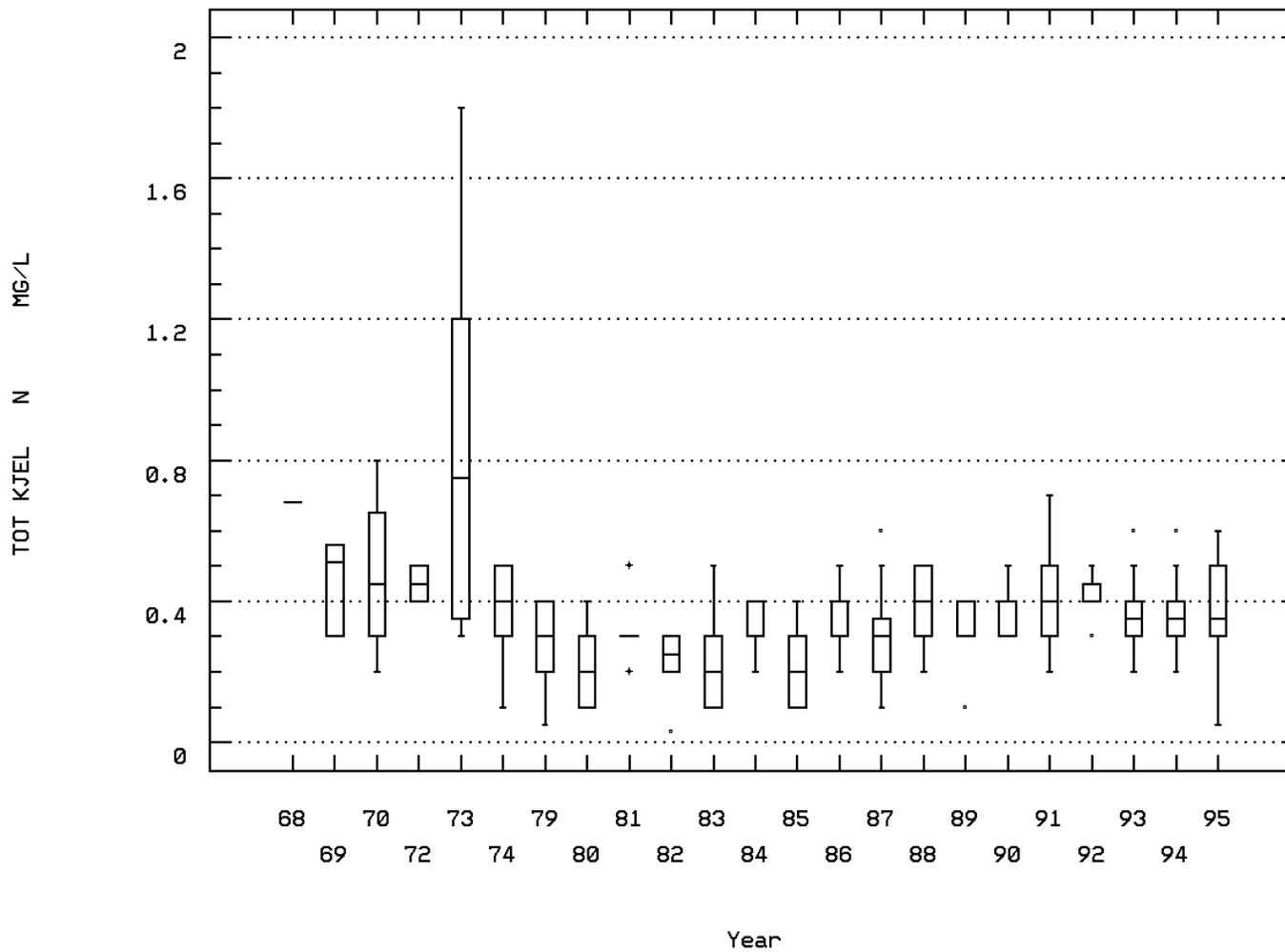
NITRATE NITROGEN, TOTAL (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 00625

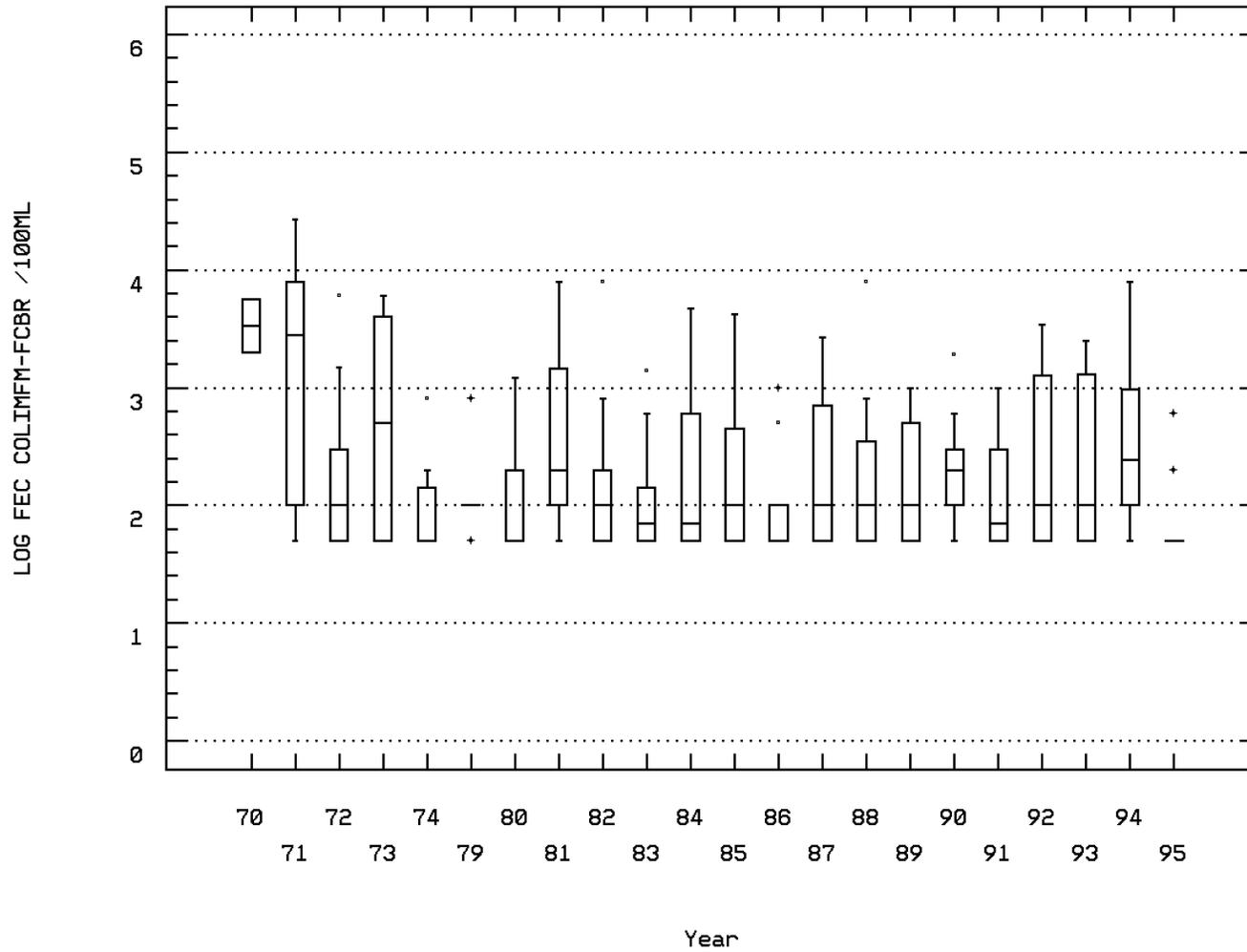
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



BELOW BIG ISLAND

Station: BLRI0038 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



BELOW BIG ISLAND

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	74	24.9	24.019	35.	2.3	28.93	5.379	19.	22.	26.95	29.1
00080	COLOR (PLATINUM-COBALT UNITS)	17	64.	77.294	180.	28.	1880.221	43.362	30.4	40.	112.	148.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	56	360.	343.25	500.	120.	5677.209	75.347	221.8	303.75	388.75	424.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	17	409.	388.765	473.	165.	5148.316	71.752	292.2	359.	434.	462.6
00300	OXYGEN, DISSOLVED MG/L	62	7.1	7.113	11.7	2.9	2.949	1.717	5.	6.4	8.025	9.14
00310	BOD, 5 DAY, 20 DEG C MG/L	58	2.	2.467	10.	0.5	3.38	1.838	1.	1.	3.	5.04
00340	COD, .25N K2CR2O7 MG/L	55	19.	18.545	44.	4.	64.882	8.055	8.	13.	24.	29.4
00400p	PH (STANDARD UNITS)	73	8.2	8.093	9.2	4.1	0.433	0.658	7.56	7.88	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	73	8.2	5.958	9.2	4.1	5.055	2.248	7.56	7.88	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	73	0.006	1.102	79.433	0.001	86.403	9.295	0.002	0.003	0.013	0.028
00403	PH, LAB, STANDARD UNITS SU	38	8.1	8.021	8.4	7.1	0.07	0.265	7.8	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	38	8.1	7.905	8.4	7.1	0.084	0.29	7.8	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	38	0.008	0.012	0.079	0.004	0.	0.015	0.005	0.006	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	36	107.	103.528	125.	45.	234.542	15.315	81.	102.	110.75	116.9
00500	RESIDUE, TOTAL (MG/L)	31	240.	247.419	394.	142.	3144.385	56.075	169.2	217.	285.	320.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	31	40.	64.452	600.	10.	10831.856	104.076	16.4	29.	66.	99.6
00510	RESIDUE, TOTAL FIXED (MG/L)	30	200.	199.967	319.	122.	2265.482	47.597	133.6	161.75	232.	259.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	61	7.	15.025	300.	0.	1841.729	42.915	2.	2.5	10.	17.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	62	3.	3.887	22.	0.	10.29	3.208	1.	2.	4.25	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	61	4.	7.008	149.	0.	356.862	18.891	1.	2.5	6.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	59###	0.05	0.06	0.16	0.005	0.001	0.028	0.04	0.05	0.07	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	58###	0.005	0.009	0.035	0.005	0.	0.007	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	58	0.09	0.132	0.44	0.005	0.014	0.12	0.02	0.025	0.23	0.331
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	57	0.4	0.413	1.799	0.03	0.069	0.263	0.2	0.3	0.5	0.684
00665	PHOSPHORUS, TOTAL (MG/L AS P)	49	0.3	0.373	1.3	0.05	0.071	0.266	0.1	0.2	0.5	0.8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	40	0.24	0.335	1.2	0.05	0.07	0.265	0.082	0.133	0.473	0.7
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	54	6.	6.874	17.	1.6	8.677	2.946	4.	5.	8.	11.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	31	134.	134.032	164.	86.	254.832	15.963	116.2	128.	142.	153.6
00940	CHLORIDE, TOTAL IN WATER MG/L	17	30.	33.765	131.	8.	676.691	26.013	19.2	23.	34.5	55.
00945	SULFATE, TOTAL (MG/L AS SO4)	16	52.	48.313	74.	17.	198.496	14.089	28.2	38.	56.75	67.7
01002	ARSENIC, TOTAL (UG/L AS AS)	10###	1.75	3.65	10.	0.5	14.058	3.749	0.5	0.875	6.25	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	11###	3.	2.773	5.	0.5	4.068	2.017	0.5	0.5	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	13###	5.	8.192	30.	0.5	71.106	8.432	0.5	2.75	10.	26.
01042	COPPER, TOTAL (UG/L AS CU)	12###	5.	6.667	10.	5.	6.061	2.462	5.	5.	10.	10.
01051	LEAD, TOTAL (UG/L AS PB)	13	5.	6.346	20.	1.	26.474	5.145	1.2	2.5	10.	16.
01067	NICKEL, TOTAL (UG/L AS NI)	9	10.	12.222	40.	5.	131.944	11.487	5.	5.	15.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	13	10.	16.	40.	5.	118.833	10.901	7.	10.	26.5	36.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	63###	50.	707.937	8000.	50.	3110258.577	1763.593	50.	50.	100.	3780.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	63###	1.699	2.09	3.903	1.699	0.429	0.655	1.699	1.699	2.	3.577
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			122.989								
32240	TANNIN AND LIGNIN (MG/L)	10	1.3	1.53	2.3	0.8	0.345	0.587	0.82	1.	2.225	2.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	17	0.14	0.214	0.84	0.04	0.045	0.212	0.048	0.055	0.325	0.568
71900	MERCURY, TOTAL (UG/L AS HG)	13###	0.25	0.246	0.7	0.15	0.022	0.149	0.15	0.15	0.275	0.54

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	110	7.4	8.145	19.7	0.3	20.931	4.575	2.82	4.575	10.925	15.59
00080	COLOR (PLATINUM-COBALT UNITS)	34	70.	68.588	119.	5.	881.825	29.696	25.5	48.	94.	106.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	87	150.	178.586	370.	70.	6497.385	80.606	95.	115.	230.	321.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	37	234.	268.243	503.	127.	12843.578	113.33	146.	179.	302.5	484.2
00300	OXYGEN, DISSOLVED MG/L	86	11.45	11.158	16.3	0.6	4.427	2.104	8.4	10.15	12.3	13.4
00310	BOD, 5 DAY, 20 DEG C MG/L	85	2.	2.373	8.9	0.5	1.731	1.316	1.	2.	3.	4.
00340	COD, .25N K2CR2O7 MG/L	84	17.	17.143	51.	2.	65.955	8.121	7.	12.	21.	27.
00400p	PH (STANDARD UNITS)	110	7.89	7.853	9.5	6.3	0.415	0.644	7.	7.4	8.4	8.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	110	7.89	7.397	9.5	6.3	0.625	0.79	7.	7.4	8.4	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	110	0.013	0.04	0.501	0.	0.005	0.073	0.002	0.004	0.04	0.1
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	48	7.9	7.825	8.5	7.	0.158	0.397	7.29	7.5	8.1	8.31
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	48	7.9	7.649	8.5	7.	0.189	0.435	7.29	7.5	8.1	8.31
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	48	0.013	0.022	0.1	0.003	0.	0.022	0.005	0.008	0.032	0.051
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	48	76.5	80.292	130.	8.	696.594	26.393	46.9	63.5	100.	120.
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	45	152.	174.733	325.	95.	4107.7	64.091	105.2	133.5	200.	302.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	45	34.	36.067	85.	2.	207.836	14.417	21.2	26.5	43.5	54.8
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	45	123.	138.689	287.	57.	3449.446	58.732	79.6	99.	160.5	255.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	89	6.	11.202	113.	0.	279.061	16.705	2.5	2.5	11.5	26.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	89	2.5	3.921	25.	0.	16.551	4.068	1.5	2.	4.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	89	3.	8.011	97.	0.	206.358	14.365	1.	2.5	6.5	21.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	93##	0.05	0.043	0.2	0.005	0.001	0.027	0.02	0.02	0.05	0.056
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	93##	0.005	0.009	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	92	0.22	0.216	0.5	0.01	0.019	0.137	0.02	0.093	0.325	0.407
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	94	0.3	0.32	1.	0.05	0.022	0.15	0.1	0.238	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	83	0.2	0.201	0.8	0.05	0.024	0.155	0.05	0.1	0.2	0.468
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	65	0.13	0.175	0.7	0.02	0.024	0.153	0.04	0.06	0.23	0.408
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	83	6.	5.918	14.	0.5	5.976	2.445	3.	4.2	7.	8.84
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	48	93.	97.979	164.	44.	977.638	31.267	61.6	73.5	112.	154.4
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	38	13.	17.5	44.	3.	150.851	12.282	4.9	7.75	27.5	39.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	37	25.	31.189	73.	12.	336.38	18.341	13.	19.	38.5	65.6
01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/71-07/21/92	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-07/21/92	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	7##	5.	7.857	20.	5.	32.143	5.669	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	7##	5.	7.857	20.	5.	32.143	5.669	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	6##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	7##	5.	8.571	20.	5.	30.952	5.563	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	103	100.	1336.893	27000.	50.	14186076.528	3766.441	50.	50.	1000.	2700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	103	2.	2.401	4.431	1.699	0.53	0.728	1.699	1.699	3.	3.431
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				251.823								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	20	1.35	1.365	2.3	0.3	0.356	0.597	0.52	0.825	1.95	2.27
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	28	0.065	0.108	0.49	0.01	0.011	0.104	0.03	0.043	0.15	0.214
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	6##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-10/18/95	63	17.8	18.521	28.	8.	32.122	5.668	10.66	14.1	23.3	26.76
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	19	45.	41.526	87.	4.	375.93	19.389	22.	26.	52.	65.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	49	200.	196.286	367.	70.	5871.958	76.629	105.	130.	247.5	315.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	19	232.	234.316	342.	135.	4352.784	65.976	147.	178.	286.	333.
00300	OXYGEN, DISSOLVED MG/L	06/20/68-10/15/91	52	8.8	9.046	13.	4.8	3.448	1.857	6.86	7.525	10.2	11.91
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/68-08/16/95	51	2.	3.433	35.	0.5	29.871	5.465	1.	1.	3.	7.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	49	13.	12.673	26.	1.	31.933	5.651	6.	8.5	16.5	20.
00400p	PH (STANDARD UNITS)	07/19/68-10/18/95	62	7.9	7.96	9.2	6.9	0.291	0.54	7.3	7.5	8.225	8.8
00400p	CONVERTED PH (STANDARD UNITS)	07/19/68-10/18/95	62	7.9	7.698	9.2	6.9	0.361	0.601	7.3	7.5	8.225	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/68-10/18/95	62	0.013	0.02	0.126	0.001	0.	0.022	0.002	0.006	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	10/13/68-08/16/95	30	7.65	7.717	8.2	7.	0.091	0.302	7.3	7.5	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	10/13/68-08/16/95	30	7.647	7.613	8.2	7.	0.102	0.32	7.3	7.5	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/68-08/16/95	30	0.023	0.024	0.1	0.006	0.	0.019	0.008	0.01	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/68-08/16/95	29	69.	71.517	105.	32.	313.116	17.695	46.	59.5	88.5	93.
00500	RESIDUE, TOTAL (MG/L)	10/13/68-08/16/95	28	150.5	149.107	242.	61.	1752.618	41.864	100.5	112.5	184.5	202.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/13/68-08/16/95	28	32.5	45.107	132.	16.	1019.062	31.923	18.8	25.5	52.75	100.5
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-08/16/95	28	103.	104.	178.	33.	1375.259	37.084	35.7	81.25	133.	146.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

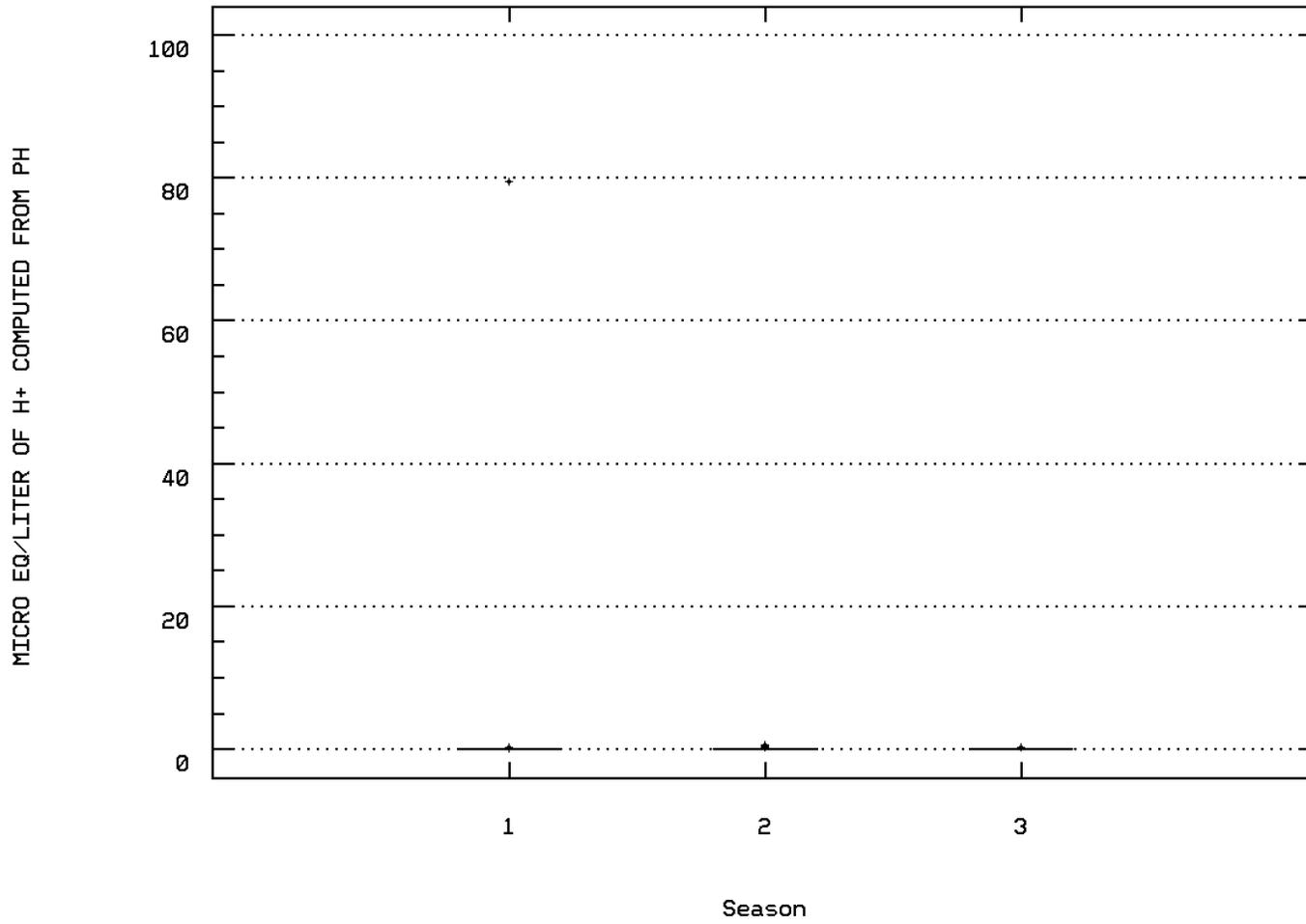
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-08/16/95	54	8.	10.981	46.	2.5	69.019	8.308	3.5	6.	16.	18.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/13/68-08/16/95	54	3.	4.185	14.	1.	6.965	2.639	2.	2.	6.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-08/16/95	54	5.	6.944	33.	0.	47.157	6.867	1.	2.5	9.25	14.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/68-08/16/95	56 ##	0.05	0.062	0.24	0.02	0.002	0.042	0.02	0.05	0.06	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	56 ##	0.005	0.01	0.06	0.005	0.	0.01	0.005	0.005	0.01	0.023
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/68-08/16/95	56	0.185	0.182	0.74	0.02	0.017	0.129	0.025	0.07	0.25	0.316
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/68-08/16/95	54	0.4	0.39	1.5	0.1	0.045	0.211	0.2	0.3	0.4	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	45	0.1	0.163	0.5	0.05	0.014	0.119	0.05	0.05	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	38	0.08	0.131	0.51	0.02	0.013	0.116	0.02	0.048	0.193	0.291
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/79-08/16/95	49	4.	5.124	12.	2.1	6.178	2.486	2.9	3.3	6.	10.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	29	90.	88.966	124.	60.	467.32	21.618	60.	68.	106.	122.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	22	9.	10.864	24.	4.	34.409	5.866	4.	6.	15.	19.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	21	20.	21.667	48.	11.	102.233	10.111	11.2	14.	28.	36.8
01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/71-07/21/92	6 ##	1.75	1.667	2.5	0.5	0.867	0.931	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/24/70-07/21/92	6 ##	3.25	3.75	10.	0.5	13.675	3.698	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	9	10.	8.111	20.	0.5	33.049	5.749	0.5	3.75	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	9 ##	5.	8.611	30.	2.5	70.486	8.396	2.5	5.	10.	30.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	6	5.	5.333	10.	1.	10.667	3.266	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	4 ##	5.	4.375	5.	2.5	1.563	1.25	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	9	10.	16.944	60.	2.5	334.028	18.276	2.5	5.	25.	60.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	55	100.	613.636	4800.	50.	1135134.68	1065.427	50.	50.	700.	2380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/18/95	55	2.	2.304	3.681	1.699	0.394	0.628	1.699	1.699	2.845	3.376
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			201.328								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	11	0.8	0.8	1.4	0.5	0.074	0.272	0.5	0.6	0.9	1.34
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	17	0.05	0.095	0.32	0.03	0.007	0.083	0.038	0.05	0.105	0.248
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	7 ##	0.15	0.243	0.6	0.15	0.027	0.164	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0038 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



BELOW BIG ISLAND

Station Inventory for Station: BLRI0039

NPS Station ID: BLRI0039
 Location: CONFLU SKIMMER CR NR BIG ISLAND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0266.40
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203061
 RF3 Index: 02080203006105.10

LAT/LON: 37.522226/ -79.332226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.990
 RF3 Mile Point: 5.10

Agency: 1113REG3
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): JAMES RIVER12 /JMS267.7
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: ON
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/73-10/18/73	3	15.5	11.334	18.5	0.002	98.561	9.928	**	**	**	**
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	1	345.	345.	345.	345.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/24/73-10/18/73	3	8.	5.673	9.	0.02	24.22	4.921	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/73-10/18/73	3	6.8	6.6	7.	6.	0.28	0.529	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/73-10/18/73	3	25.	25.002	50.	0.005	624.875	24.998	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/24/73-10/18/73	3	7.6	5.287	8.2	0.06	20.579	4.536	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	1.65	1.65	2.	1.3	0.245	0.495	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/73-10/18/73	3	2.8	3.333	4.9	2.3	1.903	1.38	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	05/24/73-05/24/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	05/24/73-05/24/73	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	05/24/73-10/18/73	3	5.6	5.967	9.3	3.	10.023	3.166	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	6.55	6.55	6.6	6.5	0.005	0.071	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/24/73-10/18/73	3	22.	22.333	24.	21.	2.333	1.528	**	**	**	**
00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/16/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/24/73-10/18/73	3	7.8	7.867	8.1	7.7	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/73-10/18/73	3	7.8	7.836	8.1	7.7	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/73-10/18/73	3	0.016	0.015	0.02	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/24/73-10/18/73	3	102.	77.333	105.	25.	2056.333	45.347	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/24/73-10/18/73	3	5.	10.	24.	1.	151.	12.288	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/16/73	1	229.	229.	229.	229.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00590	INVALID PARAMETER	10/18/73-10/18/73	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.027	0.027	0.031	0.023	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.175	0.175	0.183	0.167	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	2	0.07	0.07	0.08	0.06	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	2	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-10/18/73	3	6.9	7.4	9.1	6.2	2.29	1.513	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	05/24/73-10/18/73	3	134.	115.	134.	77.	1083.	32.909	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/16/73-10/18/73	2	231.	231.	420.	42.	71442.	267.286	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/73-10/16/73	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	05/24/73-10/18/73	3	20.	14.1	22.	0.3	143.83	11.993	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/73-10/18/73	3	30.	23.667	33.	8.	186.333	13.65	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	2 ##	2.503	2.503	5.	0.005	12.475	3.532	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	2 ##	1.251	1.251	2.5	0.003	3.119	1.766	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	2	152.65	152.65	305.	0.3	46421.045	215.455	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	2	25.025	25.025	50.	0.05	1247.501	35.32	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	2 ##	1.251	1.251	2.5	0.003	3.119	1.766	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	2 ##	2.501	2.501	5.	0.003	12.488	3.534	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/24/73-10/18/73	3	8.	1405.	4200.	7.	5859019.	2420.541	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/24/73-10/18/73	3	0.903	1.79	3.623	0.845	2.52	1.587	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)				61.728							
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/24/73-05/24/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/24/73-05/24/73	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				50.							
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	6.395	6.395	6.53	6.26	0.036	0.191	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	2	10.88	10.88	11.96	9.8	2.333	1.527	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	5.09	5.09	5.1	5.08	0.	0.014	**	**	**
32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	2	16.94	16.94	18.5	15.38	4.867	2.206	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	2	1.85	1.85	2.	1.7	0.045	0.212	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/18/73-10/18/73	1	193.	193.	193.	193.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/16/73	1	234.	234.	234.	234.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	2	2.85	2.85	2.9	2.8	0.005	0.071	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0039

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	3	0	0.00				2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	3	1	0.33				2	0	0.00	1	1	1.00			
00403	PH, LAB	9.	3	0	0.00				2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	2	0	0.00				2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	10.	2	0	0.00				2	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	860.	3	0	0.00				2	0	0.00	1	0	0.00			
	Fresh Acute	250.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	100.	2	0	0.00				2	0	0.00						
01034	CHROMIUM, TOTAL	18.	2	0	0.00				2	0	0.00						
01042	COPPER, TOTAL	1300.	2	0	0.00				2	0	0.00						
	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
01067	NICKEL, TOTAL	120.	2	0	0.00				2	0	0.00						
	Fresh Acute	5000.	2	0	0.00				2	0	0.00						
	Drinking Water	1000.	3	1	0.33				2	0	0.00	1	1	1.00			
01092	ZINC, TOTAL	200.	1	0	0.00							1	0	0.00			
	Fresh Acute	2.4	2	2	1.00				2	2	1.00						
	Drinking Water	2.	2	2	1.00				2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0040

NPS Station ID: BLRI0040
 Location: 1000 FT DWNSTR FM DAM BIG ISLAND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0269.00
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203061
 RF3 Index: 02080203010700.00

LAT/LON: 37.516115/ -79.332781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.490
 RF3 Mile Point: 0.00

Agency: 1113REG3
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): JAMES RIVER10 /JMS269.8
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: ON
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-05/23/73	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00060 FLOW, STREAM, MEAN DAILY CFS	05/23/73-05/23/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-05/23/73	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	05/23/73-05/23/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/23/73-05/23/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00322 BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00323 BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00324 BOD, 20 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	05/23/73-05/23/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	05/23/73-05/23/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	05/23/73-05/23/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-05/23/73	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/73-05/23/73	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00435 ACIDITY, TOTAL (MG/L AS CaCO3)	05/23/73-05/23/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-05/23/73	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00901 HARDNESS, CARBONATE (MG/L AS CaCO3)	05/23/73-05/23/73	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/23/73-05/23/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/23/73-05/23/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-05/23/73	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-05/23/73	1	3.568	3.568	3.568	3.568	0.	0.	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			3700.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-05/23/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-05/23/73	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0040

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	1	1	1.00							1	1	1.00			
00403	PH, LAB	9.	1	0	0.00							1	0	0.00			
		6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00							1	0	0.00			
		250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00							1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0041

NPS Station ID: BLRI0041
 Location: CONFLU W REED CREEK BIG ISLAND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0267.70
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203062
 RF3 Index: 03010101002000.80

LAT/LON: 37.524448/ -79.347781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.250
 RF3 Mile Point: 0.80

Agency: 1113REG3
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): JAMES RIVER11 /JMS269.0
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.09

On/Off RF1: OFF
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/18/73	3	15.5	11.501	19.	0.003	102.216	10.11	**	**	**
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	1	340.	340.	340.	340.	0.	0.	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/23/73-10/18/73	2	5.	5.	9.	1.	32.	5.657	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-10/18/73	3	9.5	7.967	11.	3.4	16.203	4.025	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/73-10/18/73	3	60.	46.668	80.	0.005	1733.1	41.631	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	340.	340.	340.	340.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/18/73	3	7.2	5.047	7.9	0.04	18.923	4.35	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	4.15	4.15	5.7	2.6	4.805	2.192	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/73-10/18/73	3	4.6	5.7	9.7	2.8	12.81	3.579	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	05/23/73-10/18/73	3	13.	11.	15.	5.	28.	5.292	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	19.25	19.25	24.	14.5	45.125	6.718	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/23/73-10/18/73	3	49.	55.333	103.	14.	2010.333	44.837	**	**	**
00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	26.	26.	36.	16.	200.	14.142	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/23/73-10/18/73	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/23/73-10/18/73	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-10/18/73	3	0.016	0.016	0.02	0.013	0.	0.004	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/73-10/18/73	3	114.	109.	118.	95.	151.	12.288	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/23/73-10/18/73	3	4.	4.	6.	2.	4.	2.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/16/73	1	259.	259.	259.	259.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**
00590	INVALID PARAMETER	10/18/73-10/18/73	1	236.	236.	236.	236.	0.	0.	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.07	0.07	0.08	0.06	0.	0.014	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.034	0.034	0.044	0.024	0.	0.014	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.116	0.116	0.176	0.056	0.007	0.085	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	2	0.135	0.135	0.2	0.07	0.008	0.092	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	2	0.1	0.1	0.12	0.08	0.001	0.028	**	**	**
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-10/18/73	3	13.	12.233	18.	5.7	38.263	6.186	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	05/23/73-10/18/73	3	138.	148.667	170.	138.	341.333	18.475	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/16/73-10/18/73	2	236.5	236.5	430.	43.	74884.5	273.65	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	10/16/73-10/18/73	2	3753.7	3753.7	7500.	7.4	28069527.38	5298.068	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	05/23/73-10/18/73	3	18.	12.667	19.	1.	102.333	10.116	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/73-10/18/73	3	24.	24.	36.	12.	144.	12.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	10/16/73-10/18/73	2##	2.503	2.503	5.	0.005	12.475	3.532	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	10/16/73-10/18/73	2##	1.251	1.251	2.5	0.003	3.119	1.766	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/16/73-10/18/73	2	175.15	175.15	350.	0.3	61145.045	247.275	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	10/16/73-10/18/73	2	27.54	27.54	55.	0.08	1508.103	38.834	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	10/16/73-10/18/73	2##	1.251	1.251	2.5	0.003	3.119	1.766	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	10/16/73-10/18/73	2	2.503	2.503	5.	0.005	12.475	3.532	**	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/23/73-10/18/73	3	37.	1384.333	4100.	16.	5531244.333	2351.86	**	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/23/73-10/18/73	3	1.568	2.128	3.613	1.204	1.686	1.298	**	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =			134.39								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/23/73-05/23/73	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/23/73-05/23/73	1##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			50.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	11.08	11.08	13.91	8.25	16.018	4.002	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	2	18.535	18.535	23.77	13.3	54.81	7.403	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	12.13	12.13	15.7	8.56	25.49	5.049	**	**	**	**
32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	2	50.065	50.065	69.43	30.7	750.006	27.386	**	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	2	4.85	4.85	6.3	3.4	4.205	2.051	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/18/73-10/18/73	1	198.	198.	198.	198.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/16/73	1	253.	253.	253.	253.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	10/16/73-10/18/73	2	3.	3.	3.1	2.9	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0041

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00			2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33			2	0	0.00	1	1	1.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00			1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00			1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00			2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00			2	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00			2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00			2	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00			2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00			2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00			2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00			2	0	0.00						
		Drinking Water	1300.	2	0	0.00			2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00			2	0	0.00						
		Drinking Water	100.	2	0	0.00			2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00			2	0	0.00						
		Drinking Water	5000.	2	0	0.00			2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	1	0.33			2	0	0.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	2	1.00			2	2	1.00						
		Drinking Water	2.	2	2	1.00			2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0042

NPS Station ID: BLRI0042
 Location: OFF ROUTE 501 - BEDFORD COUNTY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: 02-NORTH-ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080203
 RF3 Index: 02080203010700.00

LAT/LON: 37.523893/ -79.351670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 2-RED000.16
 Within Park Boundary: No

Date Created: 02/18/89

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 3.70
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: REED CREEK SECTION: 12 TOPO MAP #: 0053 TOPO MAP NAME: BIG ISLAND, VA

Parameter Inventory for Station: BLRI0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	28	14.	12.071	22.6	1.	53.519	7.316	2.6	4.925	18.35	20.97
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	26	35.	36.692	80.	15.	194.382	13.942	21.4	25.	42.75	55.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	43.	40.	49.	28.	117.	10.817	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	16	10.05	10.106	13.2	7.3	3.979	1.995	7.58	8.35	12.	12.78
00300	OXYGEN, DISSOLVED MG/L	11	10.9	11.282	18.	8.1	8.816	2.969	8.1	8.7	12.9	17.2
00340	COD, .25N K2CR2O7 MG/L	11	6.	8.455	24.	0.5	56.973	7.548	0.9	2.5	12.	23.2
00400	PH (STANDARD UNITS)	28	7.35	7.223	8.4	5.69	0.613	0.783	5.738	6.673	7.815	8.12
00400	CONVERTED PH (STANDARD UNITS)	28	7.347	6.502	8.4	5.69	1.152	1.073	5.738	6.672	7.815	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	28	0.045	0.315	2.042	0.004	0.389	0.624	0.008	0.015	0.219	1.828
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11	2.8	3.	7.6	0.5	4.932	2.221	0.5	1.2	3.8	7.32
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	26	15.	16.462	28.	8.	30.578	5.53	10.	12.	20.	24.6
01002	ARSENIC, TOTAL (UG/L AS AS)	6##	5.	4.583	5.	2.5	1.042	1.021	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	4##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	6##	5.	4.	5.	1.5	2.5	1.581	**	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4##	1.5	1.5	2.5	0.5	1.333	1.155	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4	13.5	14.5	19.	12.	11.	3.317	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	6##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	6##	5.	9.167	25.	5.	64.167	8.01	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	4	4.5	7.375	18.	2.5	51.229	7.157	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	6	315.	331.5	526.	190.	14466.3	120.276	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	6##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	4	11.5	12.5	17.	10.	9.667	3.109	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	3	167.	156.	186.	115.	1351.	36.756	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	6	11.65	15.45	25.	10.	53.007	7.281	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	6##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4	4.5	5.625	11.	2.5	13.896	3.728	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	6##	7.5	15.5	43.	5.	241.5	15.54	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	4	38.	49.75	100.	23.	1196.25	34.587	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/19/95-06/19/95	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/19/95-06/19/95	1	8020.	8020.	8020.	8020.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/03/92-06/01/94	3##	10.	10.	10.	10.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/05/89-06/19/95	4##	2.5	2.625	5.	0.5	3.396	1.843	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/89-06/19/95	2	15100.	15100.	16000.	14200.	1620000.	1272.792	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95	27	200.	901.852	8000.	50.	3032400.285	1741.379	50.	100.	900.	3180.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95	27	2.301	2.473	3.903	1.699	0.396	0.63	1.699	2.	2.954	3.492
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95			296.93								
34480	THALLIUM DRY WGT/BOTMG/KG	09/10/92-06/19/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/10/92-06/19/95	1##	36.	36.	36.	36.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
39351	CHLORDANE (TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	09/10/92-06/19/95	1##	38.	38.	38.	38.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/92-06/19/95	1##	24.	24.	24.	24.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	38.	38.	38.	38.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/92-06/19/95	1##	114.5	114.5	114.5	114.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/92-06/19/95	1##	20.	20.	20.	20.	0.	0.	**	**	**	**
39526	PCBS TOTAL, IN SEDIMENT, DRY (ISOMER ANALYSES) UG/KG	09/10/92-06/19/95	1##	57.5	57.5	57.5	57.5	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	09/10/92-06/01/94	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/22/88-06/01/94	6##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/05/89-06/19/95	4##	0.2	0.188	0.25	0.1	0.006	0.075	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	09/10/92-06/19/95	1##	24.	24.	24.	24.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	09/10/92-06/19/95	1##	36.	36.	36.	36.	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	09/10/92-09/10/92	1	4280.	4280.	4280.	4280.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0042

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	28	0	0.00	8	0	0.00	14	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	28	5	0.18	8	1	0.13	14	4	0.29	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0&	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2&	0	0.00	2	0	0.00									
		Drinking Water	5.	2&	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	4	0	0.00				2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5&	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	1300.	6	0	0.00	4	0	0.00				2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	15.	6	0	0.00	4	0	0.00				2	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0&	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	100.	6	0	0.00	4	0	0.00				2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	5000.	6	0	0.00	4	0	0.00				2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	27	17	0.63	7	5	0.71	14	8	0.57	6	4	0.67			
		Fresh Acute	2.4	6	0	0.00	4	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Drinking Water	2.	6	0	0.00	4	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0043

NPS Station ID: BLRI0043 LAT/LON: 37.528338/ -79.351949
 Location: BOAT DOCK ON PROPERTY OF OWNES-ILLINOIS
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080203062 RF1 Mile Point: 0.500
 RF3 Index: 02080203006101.81 RF3 Mile Point: 2.21

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 2-JMS277.30 /VA2-11-X0153/VA2-2X0153
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: JAMES RIVER SECTION: 11 TOPO MAP #: 0053 TOPO MAP NAME: BIG ISLAND, VA

Parameter Inventory for Station: BLRI0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/74-06/18/79	49	13.	14.767	28.	0.3	81.611	9.034	2.8	6.7	23.85	26.
00300	OXYGEN, DISSOLVED MG/L	11/20/74-06/18/79	48	8.2	8.183	12.	2.	4.318	2.078	6.12	6.85	9.6	11.02
00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/74-06/18/79	44	4.	4.886	28.	1.	22.382	4.731	1.	2.	6.	8.5
00400	PH (STANDARD UNITS)	11/20/74-06/18/79	48	7.7	7.798	9.2	6.8	0.347	0.589	7.2	7.225	8.2	8.7
00400	CONVERTED PH (STANDARD UNITS)	11/20/74-06/18/79	48	7.7	7.515	9.2	6.8	0.429	0.655	7.2	7.225	8.2	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/74-06/18/79	48	0.02	0.031	0.158	0.001	0.001	0.031	0.002	0.006	0.06	0.063
00403	PH, LAB, STANDARD UNITS SU	02/23/76-02/23/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/23/76-02/23/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/23/76-02/23/76	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/23/76-02/23/76	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/20/74-05/03/79	42	230.5	477.	10220.	107.	2383805.463	1543.958	122.6	164.5	305.	354.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/20/74-05/03/79	42	72.5	317.452	10020.	21.	2356321.815	1535.032	27.6	45.75	103.	134.8
00510	RESIDUE, TOTAL FIXED (MG/L)	11/20/74-05/03/79	42	153.5	159.524	315.	33.	4959.524	70.424	80.3	98.75	213.	262.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/74-06/18/79	44	18.	35.	388.	0.5	4384.593	66.216	2.	7.	30.25	74.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/20/74-06/18/79	43	6.	16.047	278.	0.	1770.272	42.075	0.7	3.	14.	27.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/20/74-06/18/79	44	7.5	19.216	184.	0.	1306.737	36.149	0.25	3.	16.5	59.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/74-06/18/79	45 ##	0.05	0.072	0.4	0.05	0.003	0.058	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/20/74-06/18/79	46	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/20/74-09/21/76	20	0.165	0.197	0.58	0.025	0.026	0.162	0.025	0.065	0.243	0.494
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/74-06/18/79	44	0.3	0.453	1.7	0.05	0.144	0.379	0.05	0.2	0.6	0.95
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/76-06/18/79	26	0.19	0.204	0.6	0.025	0.025	0.157	0.025	0.044	0.325	0.444
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/75-06/18/79	41	14.	16.634	37.	2.	104.388	10.217	4.2	7.	26.	32.
01002	ARSENIC, TOTAL (UG/L AS AS)	12/11/75-06/18/79	8 ##	1.	1.563	6.	0.5	3.317	1.821	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/10/75-06/18/79	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/74-06/18/79	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	12/09/74-06/18/79	11 ##	5.	5.909	10.	5.	4.091	2.023	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	01/25/79-06/18/79	2	265.	265.	330.	200.	8450.	91.924	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/09/74-06/18/79	10	5.	6.	14.	1.	27.778	5.27	1.	1.	11.	14.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/25/79-06/18/79	2	160.	160.	260.	60.	20000.	141.421	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/74-06/18/79	11 ##	50.	45.909	50.	5.	184.091	13.568	14.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	12/09/74-06/18/79	11	10.	18.182	60.	5.	286.364	16.922	5.	5.	30.	54.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/74-06/18/79	47	100.	720.213	8000.	50.	2929310.823	1711.523	50.	50.	400.	2440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/74-06/18/79	47	2.	2.192	3.903	1.699	0.431	0.657	1.699	1.699	2.602	3.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =											
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	11/20/74-06/18/79	46	0.1	0.155	0.6	0.05	0.018	0.136	0.05	0.05	0.2	0.386
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/74-06/18/79	46	0.075	0.124	0.45	0.01	0.012	0.11	0.027	0.05	0.193	0.274
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/74-06/18/79	11 ##	0.25	0.223	0.25	0.15	0.002	0.047	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0043

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	2	0.04	13	2	0.15	20	0	0.00	15	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	2	0.04	13	0	0.00	20	2	0.10	15	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	13	0	0.00	20	0	0.00	15	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	46	0	0.00	13	0	0.00	19	0	0.00	14	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	20	0	0.00	7	0	0.00	8	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	6	0	0.00	11	0	0.00	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00				4	0	0.00	4	0	0.00			
		Drinking Water	50.	8	0	0.00				4	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00				6	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	11	0	0.00				6	0	0.00	5	0	0.00			
		Drinking Water	1300.	11	0	0.00				6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00				5	0	0.00	5	0	0.00			
		Drinking Water	15.	10	0	0.00				5	0	0.00	5	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	11	0	0.00				6	0	0.00	5	0	0.00			
		Drinking Water	100.	11	0	0.00				6	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	11	0	0.00				6	0	0.00	5	0	0.00			
		Drinking Water	5000.	11	0	0.00				6	0	0.00	5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	47	18	0.38	13	6	0.46	19	4	0.21	15	8	0.53			
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00				6	0	0.00	5	0	0.00			
		Drinking Water	2.	11	0	0.00				6	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0044

NPS Station ID: BLRI0044
 Location: PRECIP STA BUENA VISTA, VA.
 Station Type: /TYP/A/AMBNT/PRECIP/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin: JAMES RIVER
 Minor Basin: MAURY (NORTH) RIVER
 RF1 Index: 02080201
 RF3 Index: 02080202000700.00
 Description:
 ESTABLISHED PRECIPITATION MONITORING STATION AT THE PEDLAR RANGER STATION, BUENA VISTA, VIRGINIA. PURPOSE IS TO OBTAIN PRECIPITATION CHEMISTRY DATA. INDIVIDUAL STORMS ARE SAMPLED- PH AND CONDUCTIVITY ARE MEASURED BY DISTRICT PERSONNEL.
 FOREST I.D. 17-P MONONGAHELA/GEORGE WASHINGTON NATIONAL FORESTS

LAT/LON: 37.738337/ -79.352782

Agency: 14AGNFS9
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 219917 /0210010036
 Within Park Boundary: No

Date Created: 02/13/76

Depth of Water: 0
 Elevation: 0

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/75-02/03/76	11	14.	20.364	53.	8.	195.055	13.966	8.4	12.	24.	50.4
00403 PH, LAB, STANDARD UNITS SU	10/17/75-02/03/76	11	6.2	6.009	6.9	4.9	0.453	0.673	4.92	5.4	6.5	6.84
00403 CONVERTED PH, LAB, STANDARD UNITS	10/17/75-02/03/76	11	6.2	5.542	6.9	4.9	0.693	0.833	4.92	5.4	6.5	6.84
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/75-02/03/76	11	0.631	2.873	12.589	0.126	18.935	4.351	0.151	0.316	3.981	12.071

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0044

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403 PH, LAB	Other-Hi Lim.	9.	11	0	0.00				11	0	0.00							
	Other-Lo Lim.	6.5	11	9	0.82				11	9	0.82							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0045

NPS Station ID: BLRI0045
 Location: SOUTH RIVER NEAR RIVERSIDE, VA
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202002300.00
 Description:

LAT/LON: 37.783337/ -79.359726

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.94

Agency: 112WRD
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 02023500
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0045

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/68-06/20/68	1	19.	19.	19.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/07/52-06/20/68	4	27.5	26.5	37.	93.667	9.678	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/07/52-06/20/68	4	5.	4.25	5.	2.25	1.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/52-06/20/68	4	227.	226.5	264.	188.	963.667	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/52-06/20/68	4	8.1	8.	8.1	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/52-06/20/68	4	8.1	7.961	8.1	0.042	0.205	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/52-06/20/68	4	0.008	0.011	0.02	0.008	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/20/68-06/20/68	1	92.	92.	92.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/07/52-06/20/68	4	142.5	139.75	162.	112.	428.25	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/20/68-06/20/68	1	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/20/68-06/20/68	1	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/07/52-06/20/68	4	119.5	118.75	138.	98.	267.583	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/07/52-06/20/68	4	4.	4.	6.	2.	3.333	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/07/52-06/20/68	4	31.	31.5	37.	27.	17.667	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/07/52-06/20/68	4	10.25	9.75	11.	7.5	2.75	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/07/52-06/20/68	4	1.3	1.275	1.5	1.	0.049	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/20/68-06/20/68	1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/20/68-06/20/68	1	3.	3.	3.	3.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/52-06/20/68	4	1.45	1.475	1.8	1.2	0.076	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/07/52-06/20/68	4	2.	2.25	3.	2.	0.25	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/07/52-06/20/68	4	4.5	4.25	5.	3.	0.917	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/52-06/20/68	4	0.	0.025	0.1	0.	0.003	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/07/52-06/20/68	4	7.4	7.225	8.7	5.4	2.096	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/07/52-06/20/68	4	128.	130.25	151.	114.	258.917	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/20/68-06/20/68	1	106.	106.	106.	106.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/20/68-06/20/68	1	9.23	9.23	9.23	9.23	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/20/68-06/20/68	1	0.16	0.16	0.16	0.16	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/07/52-06/20/68	4	1.05	1.175	1.9	0.7	0.263	**	**	**	**
71885	IRON (UG/L AS FE)	10/07/52-06/20/68	4	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0045

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	250.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0046

NPS Station ID: BLRI0046 LAT/LON: 37.742781/ -79.363893
 Location: STATIONS MR2 & GB2 BELOW RT 60 ON MAURY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51530 VIRGINIA/BUENA VISTA (CITY)
 STORET Station ID(s): 2-MRY012.63
 Within Park Boundary: No

Date Created: 10/30/93

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA

Parameter Inventory for Station: BLRI0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/14/92-06/03/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/14/92-06/03/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/14/92-06/03/92	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/14/92-06/03/92	2	26.5	26.5	34.	19.	112.5	10.607	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/03/92	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/14/92-06/03/92	2 ##	40.75	40.75	79.	2.5	2926.125	54.094	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/14/92-06/03/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34480 THALLIUM DRY WGTBOTMG/KG	05/14/92-06/03/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/14/92-06/03/92	2 ##	0.625	0.625	1.	0.25	0.281	0.53	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0047

NPS Station ID: BLRI0047 LAT/LON: 37.726392/ -79.366392
 Location: STATION MR3 JUST ABOVE RT 745 BRIDGE ON MAURY RV
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51530 VIRGINIA/BUENA VISTA (CITY)
 STORET Station ID(s): 2-MRY011.26
 Within Park Boundary: No

Date Created: 10/30/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/14/92-06/11/92	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/14/92-06/11/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/11/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/11/92	5	10.	10.8	15.	8.	9.7	3.114	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/14/92-06/11/92	5	7.	9.6	17.	5.	23.8	4.879	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/14/92-06/11/92	5	9.	8.7	15.	2.5	19.7	4.438	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/14/92-06/11/92	5	8.	8.	10.	6.	2.5	1.581	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/14/92-06/11/92	5	30.	32.	49.	18.	150.5	12.268	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/14/92-06/11/92	5 ##	2.5	1.7	2.5	0.5	1.2	1.095	**	**	**	**
34480 THALLIUM DRY WGTBOTMG/KG	05/14/92-06/11/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/14/92-06/11/92	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0048

NPS Station ID: BLRI0048
 Location: RT. 501 AT JUNCTION WITH ROUTE 122
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 03010101
 RF3 Index: 03010101041000.24

LAT/LON: 37.537227/ -79.366948

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.80

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 2-HUO000.40
 Within Park Boundary: No

Date Created: 02/18/89

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 17.40
 Distance from RF3: 0.09

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: HUNTING CREEK SECTION 11J TOPO MAP #: 0053 TOPO MAP NAME: BIG ISLAND, VA

Parameter Inventory for Station: BLRI0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	26	10.25	11.754	22.7	1.7	47.849	6.917	3.06	5.25	18.375	20.53
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	24	25.	26.417	50.	10.	74.862	8.652	20.	20.	30.	41.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2	32.5	32.5	45.	20.	312.5	17.678	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	15	11.	10.173	12.8	7.5	2.875	1.696	7.68	8.7	11.2	12.74
00300	OXYGEN, DISSOLVED MG/L	10	11.2	11.24	17.	8.2	6.538	2.557	8.24	9.2	12.425	16.61
00340	COD, .25N K2CR2O7 MG/L	9	3.	5.	13.	2.5	14.375	3.791	2.5	2.5	8.	13.
00400	PH (STANDARD UNITS)	26	7.35	7.268	9.3	5.21	1.498	1.224	5.5	6.078	8.425	8.93
00400	CONVERTED PH (STANDARD UNITS)	26	7.347	6.165	9.3	5.21	2.762	1.662	5.5	6.078	8.425	8.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	26	0.045	0.683	6.166	0.001	2.002	1.415	0.001	0.004	0.837	3.162
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	1.7	1.589	3.	0.5	0.861	0.928	0.5	0.5	2.35	3.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	21	10.	11.81	22.	0.	36.762	6.063	2.8	9.	17.	21.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1	740.	740.	740.	740.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	7 ##	5.	4.357	5.	2.5	1.226	1.107	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	3	2.5	2.833	5.	1.	4.083	2.021	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	1 ##	5.	5.	5.	0.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	6 ##	5.	4.	5.	1.5	2.5	1.581	**	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4 ##	1.5	1.5	2.5	0.5	1.333	1.155	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4	8.5	8.75	12.	6.	7.583	2.754	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	4	6.5	7.625	15.	2.5	27.896	5.282	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	6	143.5	159.	267.	60.	7070.4	84.086	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	4	12.5	13.5	18.	11.	9.667	3.109	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	3	219.	213.333	223.	198.	180.333	13.429	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	6 ##	5.	9.167	25.	5.	64.167	8.01	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	4	4.5	4.5	5.	4.	0.333	0.577	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	6 ##	7.5	13.333	30.	5.	126.667	11.255	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/89-06/19/95	4	54.5	55.5	64.	49.	52.333	7.234	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/19/95-06/19/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/19/95-06/19/95	1	8030.	8030.	8030.	8030.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/22/88-06/01/94	4##	10.	8.75	10.	5.	6.25	2.5	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/05/89-06/19/95	4##	1.75	1.75	3.	0.5	1.417	1.19	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/89-06/19/95	2	18700.	18700.	19500.	17900.	1280000.	1131.371	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95	24	100.	347.917	2800.	50.	389017.21	623.712	50.	50.	200.	1200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95	24	2.	2.154	3.447	1.699	0.275	0.525	1.699	1.699	2.301	3.079
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/22/88-09/05/95	24	2.	2.154	3.447	1.699	0.275	0.525	1.699	1.699	2.301	3.079
34480	THALLIUM DRY WGT/BOTMG/KG	06/01/94-06/19/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/01/94-06/19/95	1##	33.	33.	33.	33.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
39351	CHLORDANE (TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	06/01/94-06/19/95	1##	35.	35.	35.	35.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	20.	20.	20.	20.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	18.	18.	18.	18.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/01/94-06/19/95	1##	22.	22.	22.	22.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	35.	35.	35.	35.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/01/94-06/19/95	1##	105.5	105.5	105.5	105.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/01/94-06/19/95	1##	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
39526	PCBS TOTAL IN SEDIMENT, DRY (ISOMER ANALYSES) UG/KG	06/01/94-06/19/95	1##	53.	53.	53.	53.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	09/10/92-06/01/94	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/22/88-06/01/94	6##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/05/89-06/19/95	4##	0.125	0.131	0.25	0.025	0.009	0.094	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT, DRY, WT, UG/KG	06/01/94-06/19/95	1##	22.	22.	22.	22.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT, DRY, WT, UG/KG	06/01/94-06/19/95	1##	33.	33.	33.	33.	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	09/10/92-09/10/92	1	2610.	2610.	2610.	2610.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0048

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	1	1	1.00				1	1	1.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	15	0	0.00	4	0	0.00	8	0	0.00	3	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00		
00400	PH	Other-Hi Lim.	9.	26	2	0.08	7	1	0.14	14	1	0.07	5	0	0.00		
		Other-Lo Lim.	6.5	26	9	0.35	7	2	0.29	14	6	0.43	5	1	0.20		
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	5	0	0.00				2	0	0.00		
		Drinking Water	50.	7	0	0.00	5	0	0.00				2	0	0.00		
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00								
		Drinking Water	4.	0&	0	0.00											
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2&	0	0.00	2	0	0.00								
		Drinking Water	5.	2&	0	0.00	2	0	0.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	4	0	0.00				2	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	5&	0	0.00	3	0	0.00				2	0	0.00		
		Drinking Water	1300.	6	0	0.00	4	0	0.00				2	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00		
		Drinking Water	15.	6	0	0.00	4	0	0.00				2	0	0.00		
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00								
		Drinking Water	2.	0&	0	0.00											
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	4	0	0.00				2	0	0.00		
		Drinking Water	100.	6	0	0.00	4	0	0.00				2	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	4	0	0.00				2	0	0.00		
		Drinking Water	5000.	6	0	0.00	4	0	0.00				2	0	0.00		
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00				2	0	0.00		
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	24	9	0.38	6	2	0.33	12	4	0.33	6	3	0.50		
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	4	0	0.00				2	0	0.00		
		Drinking Water	2.	6	0	0.00	4	0	0.00				2	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0049

NPS Station ID: BLRI0049
 Location: ROUTE 745 IN BUENA VISTA
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080202
 RF3 Index: 05050001002205.48

LAT/LON: 37.726392/ -79.367226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51530 VIRGINIA/BUENA VISTA (CITY)
 STORET Station ID(s): 2-MRY011.23
 Within Park Boundary: No

Date Created: 10/30/93

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA

Parameter Inventory for Station: BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	98	15.25	15.162	27.8	0.	53.25	7.297	4.94	8.8	21.825	25.06
00070	TURBIDITY, (JACKSON CANDLE UNITS)	4	9.25	9.875	20.	1.	91.063	9.543	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	97	10.	10.177	16.	5.4	3.938	1.984	7.66	8.45	11.75	12.64
00310	BOD, 5 DAY, 20 DEG C MG/L	11	1.6	2.273	6.	0.6	2.71	1.646	0.6	1.	3.1	5.58
00400	PH (STANDARD UNITS)	98	8.25	8.168	9.4	6.5	0.451	0.671	7.19	7.775	8.625	9.
00400	CONVERTED PH (STANDARD UNITS)	98	8.247	7.646	9.4	6.5	0.727	0.852	7.19	7.775	8.625	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	98	0.006	0.023	0.316	0.	0.002	0.045	0.001	0.002	0.017	0.065
00403	PH, LAB, STANDARD UNITS SU	8	7.75	7.775	8.3	7.3	0.145	0.381	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	8	7.747	7.648	8.3	7.3	0.163	0.404	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	0.018	0.022	0.05	0.005	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	8	85.	96.375	150.	71.	735.125	27.113	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	63	155.	160.032	426.	5.	3635.193	60.293	109.	122.	177.	214.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	63	43.	43.048	118.	1.	443.014	21.048	14.	29.	57.	69.
00510	RESIDUE, TOTAL FIXED (MG/L)	63	109.	116.952	383.	4.	3443.659	58.683	64.2	81.	138.	161.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	63	6.	19.849	311.	0.	2636.545	51.347	0.5	2.	14.	35.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	63	3.	4.675	45.	0.	53.171	7.292	0.	1.	5.	9.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	64	2.	11.789	279.	0.	1512.895	38.896	0.	0.	8.	19.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	66 ##	0.05	0.16	2.5	0.01	0.115	0.339	0.05	0.05	0.1	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	66 ##	0.005	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	60	0.31	0.369	0.99	0.05	0.036	0.189	0.16	0.23	0.485	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	67	0.2	0.36	1.699	0.05	0.117	0.343	0.1	0.1	0.5	0.82
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	0.24	0.332	0.72	0.15	0.047	0.217	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	16 ##	1.	1.531	2.5	0.5	0.649	0.806	0.5	1.	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	19 ##	5.	4.868	6.5	1.	0.996	0.998	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	29 ##	5.	5.517	10.	5.	2.401	1.55	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	28 ##	5.	8.214	20.	5.	28.175	5.308	5.	5.	10.	20.
01045	IRON, TOTAL (UG/L AS FE)	4	275.	525.	1500.	50.	434166.667	658.913	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	27 ##	5.	5.815	17.	1.	13.003	3.606	1.	5.	5.	10.6
01055	MANGANESE, TOTAL (UG/L AS MN)	4	70.	157.5	450.	40.	38291.667	195.683	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	14 ##	50.	46.786	50.	5.	144.643	12.027	27.5	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	29	20.	37.759	260.	5.	2459.975	49.598	5.	10.	55.	80.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10	3200.	5201.1	11000.	21.	26387636.544	5136.89	41.9	380.	11000.	11000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/16/69-10/27/70	10	3.478	3.241	4.041	1.322	0.847	0.92	1.426	2.566	4.041	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1740.667								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	86	100.	859.302	6000.	50.	2810853.625	1676.56	50.	50.	600.	3220.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	86	2.	2.266	3.778	1.699	0.518	0.719	1.699	1.699	2.778	3.5
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			184.401								
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/10/71-03/10/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	67 ##	0.05	0.086	0.4	0.05	0.005	0.071	0.05	0.05	0.1	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	66	0.05	0.061	0.26	0.005	0.003	0.059	0.005	0.02	0.08	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-12/02/78	28 ##	0.25	0.241	0.5	0.15	0.004	0.064	0.15	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00			3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	97	0	0.00	31	0	0.00	41	0	0.00	25	0	0.00		
00400	PH	Other-Hi Lim.	9.	98	18	0.18	31	12	0.39	42	2	0.05	25	4	0.16		
		Other-Lo Lim.	6.5	98	1	0.01	31	0	0.00	42	1	0.02	25	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00		
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	66	0	0.00	22	0	0.00	26	0	0.00	18	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	60	0	0.00	19	0	0.00	25	0	0.00	16	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	16	0	0.00	8	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	50.	16	0	0.00	8	0	0.00	4	0	0.00	4	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00								
		Drinking Water	5.	1 &	0	0.00	1	0	0.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	28	4	0.14	10	0	0.00	10	2	0.20	8	2	0.25		
		Drinking Water	1300.	28	0	0.00	10	0	0.00	10	0	0.00	8	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	27	0	0.00	11	0	0.00	10	0	0.00	6	0	0.00		
		Drinking Water	15.	27	1	0.04	11	0	0.00	10	1	0.10	6	0	0.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00		
		Drinking Water	100.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	29	1	0.03	11	1	0.09	10	0	0.00	8	0	0.00		
		Drinking Water	5000.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	6	0.60	4	2	0.50	2	1	0.50	4	3	0.75		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	86	34	0.40	27	9	0.33	38	13	0.34	21	12	0.57		
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00					
		Fresh Acute	2.4	28	0	0.00	11	0	0.00	10	0	0.00	7	0	0.00		
71900	MERCURY, TOTAL	Drinking Water	2.	28	0	0.00	11	0	0.00	10	0	0.00	7	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	4	18.35	15.275	24.4	0.	112.036	10.585	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	4	8.	9.05	13.6	6.6	9.663	3.109	**	**	**	**
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	4	8.2	8.375	9.3	7.8	0.443	0.665	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	4	8.155	8.12	9.3	7.8	0.529	0.727	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	4	0.007	0.008	0.016	0.001	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	9	13.9	13.522	23.3	3.9	46.882	6.847	3.9	6.7	20.	23.3
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	9	10.	9.889	12.4	7.	2.689	1.64	7.	8.65	10.9	12.4
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	9	8.3	8.178	9.2	6.5	0.627	0.792	6.5	7.75	8.7	9.2
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	9	8.3	7.378	9.2	6.5	1.347	1.16	6.5	7.75	8.7	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	9	0.005	0.042	0.316	0.001	0.011	0.103	0.001	0.002	0.021	0.316
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	4	0.065	0.66	2.5	0.01	1.506	1.227	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	4	0.24	0.24	0.29	0.19	0.002	0.042	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	4	0.4	0.675	1.699	0.2	0.502	0.708	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	2	800.	800.	1300.	300.	500000.	707.107	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	2	2.796	2.796	3.114	2.477	0.203	0.45	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	2	2.796	624.5	3.114	2.477	0.203	0.45	**	**	**	**
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	4	0.1	0.1	0.15	0.05	0.002	0.041	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	4	0.055	0.058	0.1	0.02	0.001	0.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	12	15.	14.267	25.6	3.3	69.726	8.35	3.63	4.7	21.425	25.6
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	12	10.4	10.267	13.	7.4	3.362	1.834	7.4	8.7	11.8	12.76
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.5	8.233	9.	7.	0.512	0.715	7.06	7.4	8.75	9.
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.5	7.673	9.	7.	0.854	0.924	7.06	7.4	8.75	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	12	0.003	0.021	0.1	0.001	0.001	0.034	0.001	0.002	0.05	0.089
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	850.	1458.333	5200.	50.	2911287.879	1706.25	50.	125.	2200.	4900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	2.91	2.763	3.716	1.699	0.515	0.717	1.699	2.075	3.341	3.688
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	2.91	578.924	3.716	1.699	0.515	0.717	1.699	2.075	3.341	3.688

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	11	13.9	14.545	25.	5.	49.655	7.047	5.44	7.8	22.2	24.56
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	11	11.	10.727	12.8	9.	1.754	1.324	9.08	9.4	12.	12.76
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	11	8.	8.018	9.	7.	0.32	0.565	7.1	7.5	8.5	8.9
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	11	8.	7.698	9.	7.	0.432	0.657	7.1	7.5	8.5	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	11	0.01	0.02	0.1	0.001	0.001	0.029	0.001	0.003	0.032	0.086
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	2	0.185	0.185	0.23	0.14	0.004	0.064	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	2	0.3	0.3	0.3	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11	200.	700.	2800.	50.	879000.	937.55	50.	1400.	2620.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11	2.301	2.407	3.447	1.699	0.467	0.684	1.699	3.146	3.413
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			255.115							
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	12	13.6	14.55	25.6	2.8	59.866	7.737	3.46	8.075	21.375
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	12	10.	10.108	13.4	7.	4.512	2.124	7.33	8.25	12.
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.5	8.2	9.	6.8	0.411	0.641	6.89	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.5	7.63	9.	6.8	0.765	0.875	6.89	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	12	0.003	0.023	0.158	0.001	0.002	0.048	0.002	0.003	0.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	12	0.09	0.136	0.4	0.05	0.017	0.131	0.05	0.05	0.175
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	12 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	12	0.305	0.383	0.8	0.16	0.037	0.193	0.172	0.275	0.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	12	0.4	0.5	1.399	0.1	0.156	0.395	0.1	0.2	0.75
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	100.	1920.833	6000.	50.	6759753.788	2599.953	50.	50.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	2.	2.546	3.778	1.699	0.915	0.957	1.699	3.679	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			351.556							
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	12 ##	0.05	0.104	0.4	0.05	0.014	0.118	0.05	0.05	0.088
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	12 ##	0.05	0.067	0.2	0.02	0.002	0.048	0.023	0.05	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	12	15.55	15.025	23.3	3.9	46.202	6.797	4.74	9.025	22.525
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	12	10.05	10.525	16.	7.5	5.915	2.432	7.56	8.225	11.975
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.	7.975	9.	7.	0.273	0.522	7.15	7.575	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.	7.701	9.	7.	0.355	0.596	7.15	7.575	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	12	0.01	0.02	0.1	0.001	0.001	0.027	0.002	0.005	0.028
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	11 ##	0.05	0.127	0.4	0.05	0.02	0.142	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	12	0.415	0.466	0.99	0.2	0.052	0.229	0.206	0.29	0.593
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	12	0.15	0.238	0.6	0.05	0.042	0.206	0.065	0.1	0.425
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	100.	604.167	6000.	50.	2902935.606	1703.8	50.	50.	4350.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	2.	2.081	3.778	1.699	0.366	0.605	1.699	2.	3.454
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			120.503							
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	12 ##	0.05	0.092	0.2	0.05	0.004	0.067	0.05	0.05	0.175
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	12 ##	0.05	0.087	0.2	0.05	0.005	0.068	0.05	0.05	0.163

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	12	15.6	15.325	26.1	7.8	44.904	6.701	7.95	8.575	20.025	26.1
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	12	11.55	10.992	13.	8.5	2.155	1.468	8.62	9.725	11.7	13.
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.1	8.05	9.2	6.7	0.657	0.811	6.79	7.35	8.875	9.14
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	12	8.089	7.455	9.2	6.7	1.044	1.022	6.79	7.35	8.875	9.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	12	0.008	0.035	0.2	0.001	0.004	0.059	0.001	0.002	0.045	0.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	11	0.37	0.393	0.8	0.14	0.035	0.188	0.15	0.29	0.49	0.758
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	11	0.1	0.145	0.3	0.05	0.008	0.091	0.05	0.1	0.2	0.3
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11 ##	50.	163.636	900.	50.	66545.455	257.964	50.	50.	200.	780.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11 ##	1.699	1.939	2.954	1.699	0.191	0.437	1.699	1.699	2.301	2.859
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				86.808								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	11 ##	0.05	0.039	0.09	0.005	0.001	0.026	0.005	0.01	0.05	0.082

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	11	18.	16.745	27.8	5.	52.547	7.249	5.56	10.6	22.8	27.02
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	10	9.9	9.63	12.5	5.4	4.329	2.081	5.66	8.225	11.35	12.4
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	11	8.2	8.209	9.2	7.	0.493	0.702	7.1	7.7	9.	9.18
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	11	8.2	7.753	9.2	7.	0.722	0.85	7.1	7.7	9.	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	11	0.006	0.018	0.1	0.001	0.001	0.029	0.001	0.001	0.02	0.086
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	11 ##	0.05	0.127	0.7	0.05	0.037	0.192	0.05	0.05	0.1	0.58
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	11	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	11	0.36	0.364	0.6	0.14	0.025	0.158	0.144	0.22	0.49	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	11	0.3	0.418	1.099	0.1	0.082	0.285	0.1	0.3	0.5	1.019
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11 ##	50.	1186.364	6000.	50.	5690545.455	2385.486	50.	50.	600.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11 ##	1.699	2.202	3.778	1.699	0.711	0.843	1.699	1.699	2.778	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				159.396								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	11 ##	0.05	0.077	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	11	0.02	0.041	0.2	0.005	0.003	0.056	0.005	0.005	0.05	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	8	13.6	13.263	26.	2.2	70.203	8.379	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	8	9.1	9.887	14.6	7.2	9.007	3.001	**	**	**	**
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	8	8.4	8.413	9.4	7.5	0.464	0.681	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	8	8.304	8.033	9.4	7.5	0.629	0.793	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	8	0.005	0.009	0.032	0.	0.	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	8	0.1	0.275	1.	0.05	0.119	0.344	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	7	0.01	0.011	0.02	0.005	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	7	0.28	0.243	0.4	0.05	0.013	0.116	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	8	0.35	0.525	1.399	0.2	0.185	0.43	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	8 ##	50.	87.5	300.	50.	7678.571	87.627	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	8 ##	1.699	1.834	2.477	1.699	0.079	0.28	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				68.213								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	8 ##	0.075	0.113	0.3	0.05	0.008	0.092	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	7	0.09	0.112	0.26	0.005	0.009	0.095	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	7	23.5	20.4	27.	12.	36.903	6.075	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	7	9.4	9.414	10.7	8.2	1.025	1.012	**	**	**	**
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	7	8.7	8.3	9.	7.2	0.65	0.806	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	7	8.7	7.753	9.	7.2	1.	1.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	7	0.002	0.018	0.063	0.001	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	7##	0.05	0.071	0.2	0.05	0.003	0.057	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	7##	0.005	0.009	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	7	0.2	0.229	0.6	0.1	0.029	0.17	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	7##	50.	178.571	500.	50.	48214.286	219.578	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	7##	1.699	1.985	2.699	1.699	0.238	0.488	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				96.535								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	7##	0.05	0.079	0.2	0.05	0.003	0.057	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	7	0.02	0.039	0.08	0.005	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	31	23.3	21.4	27.8	2.2	36.	6.	15.7	18.9	25.6	26.1
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	31	8.5	9.323	16.	7.	4.524	2.127	7.4	7.8	10.3	12.22
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	31	8.5	8.561	9.4	7.5	0.27	0.52	7.92	8.1	9.	9.2
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	31	8.5	8.255	9.4	7.5	0.367	0.606	7.92	8.1	9.	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	31	0.003	0.006	0.032	0.	0.	0.008	0.001	0.001	0.008	0.012
00500	RESIDUE, TOTAL (MG/L)	01/16/69-12/02/78	21	178.	191.952	426.	135.	3414.648	58.435	152.8	164.	207.	220.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/69-12/02/78	21	43.	45.857	118.	7.	671.629	25.916	13.2	26.5	61.5	75.8
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-12/02/78	21	138.	146.095	383.	104.	3322.29	57.639	108.2	120.	148.5	171.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-12/02/78	22	6.	18.136	240.	0.	2524.195	50.241	0.5	2.	11.75	29.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/16/69-12/02/78	22	2.	3.682	20.	0.	19.061	4.366	0.15	1.	5.25	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-12/02/78	22	1.5	5.5	28.	0.	63.381	7.961	0.	0.	9.75	20.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	22 ##	0.05	0.136	0.7	0.05	0.027	0.164	0.05	0.05	0.125	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	22	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	19	0.29	0.342	0.99	0.05	0.053	0.229	0.14	0.2	0.37	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	22	0.3	0.379	1.099	0.05	0.076	0.276	0.1	0.175	0.6	0.77
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-12/02/78	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-12/02/78	10 ##	5.	6.5	10.	5.	5.833	2.415	5.	5.	10.	10.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-12/02/78	11	5.	6.182	13.	1.	13.964	3.737	1.	5.	10.	12.4
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/02/78	11	60.	64.091	260.	5.	5024.091	70.881	6.	20.	80.	226.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	27 ##	50.	718.519	6000.	50.	2577913.105	1605.588	50.	50.	300.	2720.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	27 ##	1.699	2.186	3.778	1.699	0.469	0.685	1.699	1.699	2.477	3.379
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			153.331								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	22 ##	0.05	0.077	0.2	0.05	0.004	0.059	0.05	0.05	0.05	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	22	0.05	0.07	0.2	0.005	0.005	0.069	0.005	0.01	0.093	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-12/02/78	11 ##	0.25	0.223	0.25	0.15	0.002	0.047	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	42	8.4	8.783	16.7	0.	15.478	3.934	3.9	5.45	11.775	14.28
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	41	11.7	11.178	14.4	5.4	2.686	1.639	9.42	10.	12.1	13.
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	42	8.	7.867	9.2	6.5	0.475	0.689	7.	7.2	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	42	8.	7.395	9.2	6.5	0.702	0.838	7.	7.2	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	42	0.01	0.04	0.316	0.001	0.004	0.063	0.002	0.003	0.063	0.1
00500	RESIDUE, TOTAL (MG/L)	01/16/69-12/02/78	24	127.	142.333	375.	89.	3096.145	55.643	103.	110.75	154.	177.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/69-12/02/78	24	46.	41.833	69.	12.	296.58	17.221	14.	26.	56.25	62.5
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-12/02/78	24	87.	100.833	329.	44.	3220.841	56.752	52.	70.5	107.75	158.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-12/02/78	24	6.	22.792	311.	0.	3898.759	62.44	0.5	4.	14.	41.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/16/69-12/02/78	23	4.	6.609	45.	0.	115.954	10.768	0.	1.	5.	24.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-12/02/78	24	2.	16.083	279.	0.	3189.188	56.473	0.	0.	7.75	23.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	26 ##	0.05	0.219	2.5	0.03	0.257	0.507	0.05	0.05	0.1	0.58
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	26 ##	0.005	0.007	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	25	0.39	0.416	0.8	0.14	0.038	0.194	0.152	0.28	0.585	0.734
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	27	0.2	0.404	1.699	0.05	0.202	0.45	0.09	0.1	0.5	1.399
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-12/02/78	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-12/02/78	10 ##	5.	8.5	20.	5.	39.167	6.258	5.	5.	12.5	20.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-12/02/78	10 ##	5.	6.3	17.	1.	18.678	4.322	1.4	5.	6.25	16.3
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/02/78	10	15.	24.5	80.	5.	596.944	24.432	5.	5.	35.	77.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	38 ##	50.	661.842	6000.	50.	2007491.11	1416.86	50.	50.	500.	2310.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	38 ##	1.699	2.182	3.778	1.699	0.463	0.68	1.699	1.699	2.699	3.364
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			152.196								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	27 ##	0.05	0.098	0.4	0.05	0.009	0.094	0.05	0.05	0.1	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	26 ##	0.05	0.054	0.26	0.005	0.003	0.059	0.005	0.01	0.05	0.13
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-12/02/78	10 ##	0.25	0.24	0.25	0.15	0.001	0.032	0.16	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/69-12/02/78	25	18.3	18.144	25.	12.2	13.051	3.613	12.8	15.	21.35	22.8
00300	OXYGEN, DISSOLVED MG/L	01/16/69-12/02/78	25	9.6	9.596	13.	6.6	2.614	1.617	7.26	8.2	10.75	11.94
00400	PH (STANDARD UNITS)	01/16/69-12/02/78	25	8.3	8.188	9.	7.	0.313	0.559	7.42	7.8	8.6	9.
00400	CONVERTED PH (STANDARD UNITS)	01/16/69-12/02/78	25	8.3	7.849	9.	7.	0.432	0.658	7.42	7.8	8.6	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/69-12/02/78	25	0.005	0.014	0.1	0.001	0.	0.021	0.001	0.003	0.016	0.039
00500	RESIDUE, TOTAL (MG/L)	01/16/69-12/02/78	18	145.5	146.389	279.	5.	3153.663	56.157	93.2	115.25	165.75	232.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/69-12/02/78	18	38.5	41.389	85.	1.	409.546	20.237	10.9	30.75	54.	70.6
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/69-12/02/78	18	105.5	104.444	240.	4.	2711.438	52.071	24.7	74.75	134.	166.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/16/69-12/02/78	17	6.	17.912	148.	0.	1278.132	35.751	0.	2.	17.	71.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/16/69-12/02/78	18	2.5	3.417	13.	0.	12.301	3.507	0.	0.375	4.5	8.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/16/69-12/02/78	18	4.	13.75	142.	0.	1132.243	33.649	0.	0.375	10.75	53.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-12/02/78	18 ##	0.05	0.103	0.6	0.01	0.018	0.134	0.037	0.05	0.1	0.24
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-12/02/78	18 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-03/20/78	16	0.295	0.326	0.5	0.19	0.01	0.099	0.19	0.258	0.393	0.493
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-12/02/78	18	0.2	0.272	0.9	0.1	0.041	0.202	0.1	0.1	0.325	0.54
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-12/02/78	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-12/02/78	8 ##	7.5	10.	20.	5.	42.857	6.547	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-12/02/78	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/02/78	8	20.	18.125	40.	5.	113.839	10.67	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	21	200.	1397.619	6000.	50.	4475869.048	2115.625	50.	50.	2500.	5840.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	21	2.301	2.52	3.778	1.699	0.644	0.802	1.699	1.699	3.395	3.766
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78			330.855								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	18 ##	0.05	0.078	0.2	0.05	0.002	0.039	0.05	0.05	0.1	0.11
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-12/02/78	18 ##	0.05	0.061	0.21	0.005	0.002	0.047	0.019	0.043	0.073	0.129
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-12/02/78	7 ##	0.25	0.271	0.5	0.15	0.012	0.107	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0050

NPS Station ID: BLRI0050 LAT/LON: 37.555281/ -79.367503
 Location: BLUE RIDGE PKWY BRIDGE ABOVE BIG ISLAND
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080203006103.96 RF3 Mile Point: 3.98

Agency: 21VASWCB
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2-JMS279.41 /VA2-11JX0154/VA2-2X0154
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: JAMES RIVER SECTION: 11J TOPO MAP #: 0053 TOPO MAP NAME: BIG ISLAND, VA

Parameter Inventory for Station: BLRI0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/74-06/18/79	43	13.	14.291	27.2	75.537	8.691	2.4	5.6	22.	25.36
00300	OXYGEN, DISSOLVED MG/L	11/20/74-06/18/79	43	9.	9.363	13.8	3.926	1.981	7.	8.2	10.4	12.72
00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/74-06/18/79	42	2.	2.143	6.	1.589	1.26	1.	1.	3.	4.
00400	PH (STANDARD UNITS)	11/20/74-06/18/79	43	8.2	8.151	9.2	0.387	0.622	7.2	7.5	8.7	8.8
00400	CONVERTED PH (STANDARD UNITS)	11/20/74-06/18/79	43	8.2	7.748	9.2	0.554	0.744	7.2	7.5	8.7	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/74-06/18/79	43	0.006	0.018	0.1	0.001	0.024	0.002	0.002	0.032	0.063
00403	PH, LAB, STANDARD UNITS SU	02/23/76-02/23/76	1	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/23/76-02/23/76	1	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/23/76-02/23/76	1	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/23/76-02/23/76	1	60.	60.	60.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/20/74-06/18/79	40	213.5	211.375	491.	6590.599	81.183	125.1	140.75	250.	319.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/20/74-06/18/79	40	64.5	71.3	210.	1925.703	43.883	25.4	39.25	87.25	129.8
00510	RESIDUE, TOTAL FIXED (MG/L)	11/20/74-06/18/79	40	130.5	138.325	382.	5535.507	74.401	43.2	92.75	179.	238.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/74-06/18/79	41	7.	24.939	344.	3672.015	60.597	0.5	3.5	17.5	60.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/20/74-06/18/79	41	4.	6.439	46.	89.952	9.484	0.1	0.5	6.5	18.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/20/74-06/18/79	41	4.	18.61	298.	2819.344	53.097	0.	0.5	8.5	38.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/74-06/18/79	41 ##	0.05	0.063	0.1	0.005	0.022	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/20/74-06/18/79	41 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/20/74-09/21/76	19	0.2	0.231	0.45	0.025	0.017	0.129	0.07	0.12	0.33
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/74-06/18/79	41	0.3	0.28	0.7	0.05	0.027	0.165	0.06	0.1	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/76-06/18/79	22	0.255	0.264	0.7	0.003	0.036	0.189	0.025	0.108	0.353
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/11/75-06/18/79	37	7.	7.73	19.	3.	12.925	3.595	4.	9.	13.2
01002	ARSENIC, TOTAL (UG/L AS AS)	12/11/75-06/18/79	7 ##	1.	1.357	4.	0.5	1.476	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/10/75-06/18/79	8 ##	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/74-06/18/79	10 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	12/09/74-06/18/79	10 ##	5.	11.	60.	5.	298.889	17.288	5.	6.25	55.
01045	IRON, TOTAL (UG/L AS FE)	01/25/79-06/18/79	2	275.	275.	350.	200.	11250.	106.066	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/09/74-06/18/79	10	6.	6.5	14.	1.	12.944	3.598	1.3	4.	13.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/25/79-06/18/79	2	135.	135.	200.	70.	8450.	91.924	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/74-06/18/79	10 ##	50.	45.5	50.	5.	202.5	14.23	9.5	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	12/09/74-06/18/79	10 ##	12.5	20.5	60.	5.	413.611	20.337	5.	35.	59.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/74-06/18/79	42 ##	50.	192.857	3700.	50.	350435.54	591.976	50.	50.	310.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/74-06/18/79	42 ##	1.699	1.865	3.568	1.699	0.163	1.699	1.699	1.774	2.421

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		73.364									
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	11/20/74-06/18/79	41	0.1	0.137	0.5	0.05	0.013	0.113	0.05	0.05	0.2	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/20/74-06/18/79	41	0.07	0.12	0.45	0.01	0.011	0.106	0.02	0.05	0.195	0.296
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/74-06/18/79	10 ##	0.25	0.23	0.25	0.15	0.002	0.042	0.15	0.225	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0050

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	43	0	0.00	13	0	0.00	18	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	43	2	0.05	13	1	0.08	18	1	0.06	12	0	0.00			
		Other-Lo Lim.	6.5	43	0	0.00	13	0	0.00	18	0	0.00	12	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	41	0	0.00	13	0	0.00	17	0	0.00	11	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00				4	0	0.00	3	0	0.00			
		Drinking Water	50.	7	0	0.00				4	0	0.00	3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	1	0.10				6	0	0.00	4	1	0.25			
		Drinking Water	1300.	10	0	0.00				6	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00				6	0	0.00	4	0	0.00			
		Drinking Water	15.	10	0	0.00				6	0	0.00	4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00				6	0	0.00	4	0	0.00			
		Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	0	0.00				6	0	0.00	4	0	0.00			
		Drinking Water	5000.	10	0	0.00				6	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	42	4	0.10	13	0	0.00	17	3	0.18	12	1	0.08			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00				6	0	0.00	4	0	0.00			
		Drinking Water	2.	10	0	0.00				6	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0051

NPS Station ID: BLRI0051
 Location: YDS DOWNSTREAM BLUE RIDGE PKY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: JAMES RIVER
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203065
 RF3 Index: 02080203005700.91
 Description:

LAT/LON: 37.526392/ -79.368059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.900
 RF3 Mile Point: 1.57

JAMES R 150

Agency: 1113VABD
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): JMS 001 /JAMES RIVER
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.15

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0052

NPS Station ID: BLRI0052
 Location: OWEN-ILL IND WW PLT BIG ISLAND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0269.80
 HUC: 02080203
 Major Basin: AT BIG ISLAND,VA
 Minor Basin:
 RF1 Index: 02080203062
 RF3 Index: 02080201004200.02

LAT/LON: 37.536115/ -79.368892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.470
 RF3 Mile Point: 0.02

Agency: 1113REG3
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): JAMES RIVER9 /JMS269.9
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.26

On/Off RF1: OFF
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/18/73	3	19.5	14.001	22.5	0.002	149.222	12.216	**	**	**
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/16/73	1	380.	380.	380.	380.	0.	0.	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/23/73-10/18/73	3	2.	1.967	3.	0.9	1.103	1.05	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/23/73-10/18/73	3	320.	227.8	360.	3.4	38166.52	195.363	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/73-10/18/73	3	1000.	666.668	1000.	0.005	333330.	577.347	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	825.	825.	825.	825.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/18/73	3	3.	3.443	7.3	0.03	13.361	3.655	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	19.	19.	23.	15.	32.	5.657	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/23/73-10/18/73	3	36.	32.667	61.	1.	908.333	30.139	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	05/23/73-05/23/73	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	05/23/73-10/18/73	3	66.	82.467	179.	2.4	8000.253	89.444	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	169.	169.	212.	126.	3698.	60.811	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/23/73-10/18/73	3	643.	550.	996.	11.	249043.	499.042	**	**	**
00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	195.5	195.5	237.	154.	3444.5	58.69	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/23/73-10/18/73	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/23/73-10/18/73	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-10/18/73	3	0.013	0.014	0.016	0.013	0.	0.002	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/73-10/18/73	3	373.	276.667	432.	25.	48372.333	219.937	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/23/73-10/18/73	3	11.	9.333	13.	4.	22.333	4.726	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/18/73	2	1492.5	1492.5	1864.	1121.	276024.5	525.38	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	2	420.	420.	440.	400.	800.	28.284	**	**	**
00590	INVALID PARAMETER	10/18/73-10/18/73	1	1221.	1221.	1221.	1221.	0.	0.	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.42	0.42	0.66	0.18	0.115	0.339	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.325	0.325	0.38	0.27	0.006	0.078	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.433	0.433	0.52	0.345	0.015	0.124	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	2	1.045	1.045	1.05	1.04	0.	0.007	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	2	0.39	0.39	0.48	0.3	0.016	0.127	**	**	**
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/23/73-10/18/73	3	53.	54.4	106.	4.2	2592.28	50.914	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	05/23/73-10/18/73	3	153.	144.333	174.	106.	1212.333	34.819	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/16/73-10/18/73	2	54.5	54.5	61.	48.	84.5	9.192	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	10/16/73-10/18/73	2	8.55	8.55	9.4	7.7	1.445	1.202	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/23/73-10/18/73	3	27.	18.433	28.	0.3	246.863	15.712	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/73-10/18/73	3	10.	13.333	23.	7.	72.333	8.505	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	2	1.1	1.1	1.4	0.8	0.18	0.424	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-10/18/73	3	237.	1371.333	3700.	177.	4067916.333	2016.908	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/73-10/18/73	3	2.375	2.73	3.568	2.248	0.531	0.728	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			537.413								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-10/18/73	3	24000.	22350.	43000.	50.	463217500.	21522.488	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/23/73-10/18/73	3	4.38	3.571	4.633	1.699	2.644	1.626	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3722.916								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	400.	400.	400.	400.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/18/73-10/18/73	1	2.602	2.602	2.602	2.602	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			400.								
32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	2	104.5	104.5	115.	94.	220.5	14.849	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/73-10/18/73	1	620.	620.	620.	620.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/18/73	2	905.	905.	1085.	725.	64800.	254.558	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	2	3.25	3.25	3.3	3.2	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0052

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim. 50.	3	2	0.67				2	2	1.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	3	2	0.67				2	1	0.50	1	1	1.00			
00400	PH	Other-Hi Lim. 9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim. 6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim. 9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim. 6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water 10.	2	0	0.00				2	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute 860.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water 250.	3	0	0.00				2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	3	0	0.00				2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water 100.	2	0	0.00				2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute 18.	2	0	0.00				2	0	0.00						
		Drinking Water 1300.	2	0	0.00				2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute 1400.	2	0	0.00				2	0	0.00						
		Drinking Water 100.	2	0	0.00				2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute 120.	2	0	0.00				2	0	0.00						
		Drinking Water 5000.	2	0	0.00				2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim. 1000.	3	1	0.33				2	0	0.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	3	2	0.67				2	2	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute 2.4	2	2	1.00				2	2	1.00						
		Drinking Water 2.	2	2	1.00				2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0053

NPS Station ID: BLRI0053
 Location: MAURY RIVER AT BUENA VISTA, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202000401.87
 Description:

LAT/LON: 37.746115/ -79.371670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.99

Agency: 112WRD
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 02024200
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.80
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/67-10/14/68	15	18.	16.267	28.	1.	84.638	9.2	1.6	7.	22.	28.
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/67-10/14/68	16	245.5	291.188	627.	95.	26332.296	162.272	115.3	149.25	426.	548.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/67-10/14/68	16	7.5	8.563	40.	2.	75.596	8.695	2.7	5.	8.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/67-10/14/68	16	228.	237.938	330.	170.	2182.863	46.721	180.5	200.5	278.25	319.5
00400	PH (STANDARD UNITS)	10/17/67-10/14/68	16	8.	7.988	8.2	7.6	0.028	0.167	7.74	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/17/67-10/14/68	16	8.	7.955	8.2	7.6	0.029	0.17	7.74	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/67-10/14/68	16	0.01	0.011	0.025	0.006	0.	0.005	0.006	0.008	0.013	0.019
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/17/67-10/14/68	16	106.	103.875	144.	71.	380.383	19.503	74.5	88.25	116.	134.2
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/67-10/14/68	16	129.	126.625	176.	86.	574.65	23.972	90.9	107.5	141.5	164.1
00445	CARBONATE ION (MG/L AS CO3)	10/17/67-10/14/68	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/67-10/14/68	16	0.105	0.123	0.47	0.03	0.011	0.103	0.037	0.063	0.14	0.274
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/67-10/14/68	16	115.5	114.438	152.	84.	345.463	18.587	86.8	100.	125.	143.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/67-10/14/68	16	8.5	10.688	19.	6.	16.496	4.062	7.4	8.	14.25	18.3
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/67-10/14/68	16	32.5	33.25	52.	23.	52.6	7.253	25.1	28.	36.	47.1
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/67-10/14/68	16	7.65	7.656	13.	2.7	5.987	2.447	4.24	6.15	9.2	11.6
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/67-10/14/68	16	2.1	3.313	21.	1.6	22.463	4.739	1.6	1.8	2.45	8.54
00931	SODIUM ADSORPTION RATIO	10/17/67-10/14/68	16	0.1	0.156	1.	0.1	0.051	0.225	0.1	0.1	0.1	0.37
00932	SODIUM, PERCENT	10/17/67-10/14/68	16	4.	5.563	33.	3.	53.996	7.348	3.	3.	4.	13.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/67-10/14/68	16	1.6	1.588	3.1	0.3	0.612	0.782	0.65	0.975	2.	3.1
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/67-10/14/68	16	3.5	4.813	27.	2.	35.763	5.98	2.	3.	4.	11.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/67-10/14/68	16	10.	11.688	32.	8.	33.029	5.747	8.	9.	12.5	20.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/67-10/14/68	16	0.1	0.087	0.2	0.	0.005	0.072	0.	0.	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/67-10/14/68	16	4.35	4.169	5.9	1.8	1.064	1.031	2.29	3.525	4.775	5.48
01046	IRON, DISSOLVED (UG/L AS Fe)	10/14/68-10/14/68	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/67-10/14/68	16	131.	131.938	168.	97.	415.396	20.381	105.4	112.5	147.75	163.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-10/14/68	16	128.	130.375	168.	95.	419.85	20.49	104.8	112.	145.25	163.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/67-10/14/68	16	87.85	97.287	186.	43.1	2086.172	45.675	47.65	61.375	120.25	185.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/67-10/14/68	16	0.175	0.179	0.23	0.13	0.001	0.028	0.144	0.153	0.2	0.223
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/67-10/14/68	16	1.25	1.288	3.3	0.4	0.549	0.741	0.47	0.725	1.55	2.6
71885	IRON (UG/L AS Fe)	10/17/67-09/12/68	14	60.	80.714	410.	0.	10991.758	104.842	0.	20.	100.	280.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0053

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
	Other-Lo Lim.	6.5	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
	Drinking Water	250.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
00945	SULFATE, TOTAL (AS SO4)																	
	Drinking Water	250.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0054

NPS Station ID: BLRI0054 LAT/LON: 37.746670/ -79.373615
 Location: STATION MR1 ABOVE ROUTE 60 BRIDGE ON MAURY RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51530 VIRGINIA/BUENA VISTA (CITY)
 STORET Station ID(s): 3-MRY013.37
 Within Park Boundary: No

Date Created: 10/30/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12A TOPO MAP #: 0052 TOPO MAP NAME: BUENA VISTA, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0055

NPS Station ID: BLRI0055
 Location: RT. 501 BRIDGE, SE OF GLASGOW
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080203064
 RF3 Index: 02080203006105.10

LAT/LON: 37.591198/ -79.380949

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 2.480
 RF3 Mile Point: 5.10

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 2-JMS282.28 /VA2-11JX0155/VA2-6X0155
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: JAMES RIVER SECTION: 11J TOPO MAP #: 0049 TOPO MAP NAME: SNOWDEN, VA

Parameter Inventory for Station: BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	282	15.	14.866	33.7	0.	69.345	8.327	4.03	7.575	22.3	26.27
00070	TURBIDITY, (JACKSON CANDLE UNITS)	45	4.7	6.358	34.	0.8	37.756	6.145	1.96	2.55	8.35	13.16
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	13	3.2	3.708	7.8	2.	3.624	1.904	2.	2.25	4.65	7.52
00080	COLOR (PLATINUM-COBALT UNITS)	72	27.5	30.167	73.	1.	255.268	15.977	13.	20.	37.75	55.
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
00083	COLOR,SPECTROPHOTOMETRIC.FIL,WATER SPL ADMI UNITS	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	193	210.	226.891	490.	11.	11497.483	107.226	102.	135.	325.	376.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	73	272.	292.219	572.	138.	11601.674	107.711	158.4	210.	389.	442.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	46	9.95	9.991	14.4	6.6	5.24	2.289	6.77	7.775	11.825	13.23
00300	OXYGEN, DISSOLVED MG/L	234	9.7	9.881	15.4	2.	4.365	2.089	7.4	8.2	11.45	12.65
00310p	BOD, 5 DAY, 20 DEG C MG/L	189	1.	1.58	5.	0.5	0.721	0.849	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	192	10.	11.19	41.	0.5	31.203	5.586	5.	7.	15.	18.
00400p	PH (STANDARD UNITS)	280	8.1	8.097	9.8	6.4	0.397	0.63	7.3	7.7	8.5	8.9
00400p	CONVERTED PH (STANDARD UNITS)	280	8.1	7.645	9.8	6.4	0.602	0.776	7.3	7.7	8.5	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	280	0.008	0.023	0.398	0.	0.002	0.045	0.001	0.003	0.02	0.05
00403	PH, LAB, STANDARD UNITS SU	115	8.1	7.95	8.5	7.	0.13	0.361	7.5	7.6	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	115	8.1	7.785	8.5	7.	0.158	0.397	7.5	7.6	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	115	0.008	0.016	0.1	0.003	0.	0.017	0.004	0.006	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	112	87.	86.696	221.	10.	694.213	26.348	55.3	69.	103.	115.7
00500	RESIDUE, TOTAL (MG/L)	141	176.	261.163	10310.	11.	732041.223	855.594	111.2	132.	244.5	277.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	141	36.	114.085	10030.	0.	708154.478	841.519	20.2	27.	54.	74.8
00510	RESIDUE, TOTAL FIXED (MG/L)	141	134.	145.872	428.	22.	3899.212	62.444	82.	97.	187.5	229.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	245	6.	11.62	300.	0.	788.921	28.088	2.	2.5	10.	18.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	244	2.5	3.359	51.	0.	20.039	4.476	1.	1.125	4.	6.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	245	3.	7.59	182.	0.	353.16	18.793	1.	2.	6.	13.4
00600	NITROGEN, TOTAL (MG/L AS N)	1	2.54	2.54	2.54	2.54	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	245##	0.05	0.053	0.7	0.01	0.002	0.048	0.02	0.05	0.05	0.084
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	246##	0.005	0.009	0.17	0.005	0.	0.013	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	246	0.2	0.209	0.9	0.02	0.021	0.146	0.025	0.087	0.31	0.393
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	243	0.3	0.369	25.	0.05	2.541	1.594	0.1	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	179	0.2	0.233	1.3	0.05	0.047	0.217	0.05	0.1	0.3	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	143	0.12	0.202	1.2	0.005	0.047	0.217	0.04	0.05	0.25	0.49
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	190	4.45	4.645	16.	0.5	5.105	2.259	2.1	3.	6.	7.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	105	112.	111.267	170.	58.	836.755	28.927	71.2	86.5	135.	150.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/21/92-07/21/92	1	8320.	8320.	8320.	8320.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	78	14.	18.962	130.	3.	301.726	17.37	4.	7.75	27.25	37.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	75	25.	32.373	103.	10.	402.697	20.067	12.	17.	45.	62.8
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	52 ##	0.08	0.098	0.26	0.05	0.004	0.06	0.05	0.05	0.14	0.157
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/09/89-02/17/93	42	5.1	5.317	19.2	0.005	8.371	2.893	2.7	3.3	6.725	7.67
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/21/92	23 ##	1.	2.587	10.	0.5	7.56	2.75	0.5	1.	3.	8.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/79-04/11/95	8	4.65	4.689	9.5	1.01	6.368	2.523	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/16/84-07/21/92	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/22/70-07/21/92	27 ##	5.	3.907	10.	0.5	6.674	2.583	0.5	1.	5.	6.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	8 ##	0.298	0.668	2.5	0.08	0.78	0.883	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	8	12.8	11.2	14.2	0.4	20.677	4.547	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	37 ##	5.	7.5	30.	0.5	37.375	6.114	0.9	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	36 ##	5.	7.917	40.	5.	44.821	6.695	5.	5.	10.	13.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/79-04/11/95	8	9.8	9.65	13.4	5.1	9.514	3.085	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/70-07/21/92	7	160.	159.143	270.	50.	5305.143	72.836	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	34	5.	6.279	20.	1.	20.109	4.484	2.	3.	10.	10.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/79-04/11/95	8	14.45	17.013	46.6	1.7	180.896	13.45	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-07/21/92	7	30.	44.286	129.9	20.	1492.241	38.63	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/16/84-07/21/92	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-06/27/78	10 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	12 ##	7.5	10.833	50.	5.	158.333	12.583	5.	5.	10.	38.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/08/79-04/11/95	8	19.4	16.3	21.	5.1	31.863	5.645	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	37	10.	22.568	380.	5.	3735.586	61.119	5.	5.	20.	31.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/79-04/11/95	8	104.5	99.9	146.	45.6	1447.177	38.042	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/16/84-07/21/92	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/92-04/11/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	09/30/69-10/27/70	7	2300.	4041.429	11000.	230.	23303447.619	4827.364	**	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	09/30/69-10/27/70	7	3.362	3.255	4.041	2.362	0.422	0.649	**	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =			1800.886								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	265 ##	50.	368.868	8000.	50.	1284093.411	1133.178	50.	50.	200.	600.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	265 ##	1.699	2.054	3.903	1.699	0.254	0.504	1.699	1.699	2.301	2.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			113.129								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	41	0.4	0.522	1.4	0.2	0.081	0.284	0.2	0.3	0.6	0.98
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	07/11/85-07/11/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	07/11/85-07/11/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/11/85-07/11/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/31/84-04/11/95	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER, WHOLE WATER SAMPL (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR, CIS ISO, WHOLE WTR (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR, TPANS ISO, WHOLE WTR (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/08/79-07/11/85	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/81-04/11/95	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	07/11/85-07/11/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	11/08/79-07/25/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX & METABS), SEDIMENTS, DRY WGT, UG/KG	10/31/84-04/11/95	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/31/84-04/11/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	4	0.025	0.048	0.14	0.	0.004	0.066	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	2	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	1	130.	130.	130.	130.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	64##	0.05	0.154	3.8	0.025	0.219	0.468	0.05	0.05	0.1	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	102	0.075	0.149	3.699	0.005	0.142	0.377	0.02	0.05	0.14	0.237
71900	MERCURY, TOTAL (UG/L AS HG)	35##	0.25	0.263	1.7	0.15	0.065	0.255	0.15	0.15	0.25	0.27
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	8##	0.05	0.077	0.25	0.025	0.006	0.075	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	1	38490.	38490.	38490.	38490.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	23	3.7	6.3	33.	0.5	56.794	7.536	0.84	2.	6.2	17.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0055

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	45	0	0.00	9	0	0.00	21	0	0.00	15	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	50.	13	0	0.00	4	0	0.00	6	0	0.00	3	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	46	0	0.00	12	0	0.00	23	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	4.	234	2	0.01	68	2	0.03	105	0	0.00	61	0	0.00
00400	PH	9.	280	27	0.10	80	14	0.18	128	7	0.05	72	6	0.08
		6.5	280	2	0.01	80	0	0.00	128	2	0.02	72	0	0.00
00403	PH, LAB	9.	115	0	0.00	36	0	0.00	49	0	0.00	30	0	0.00
		6.5	115	0	0.00	36	0	0.00	49	0	0.00	30	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	1.	246	0	0.00	69	0	0.00	112	0	0.00	65	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	10.	246	0	0.00	69	0	0.00	112	0	0.00	65	0	0.00
00940	CHLORIDE,TOTAL IN WATER	860.	78	0	0.00	17	0	0.00	39	0	0.00	22	0	0.00
		250.	78	0	0.00	17	0	0.00	39	0	0.00	22	0	0.00
00945	SULFATE, TOTAL (AS SO4)	250.	75	0	0.00	16	0	0.00	38	0	0.00	21	0	0.00
00951	FLUORIDE, TOTAL AS F	4.	52	0	0.00	12	0	0.00	26	0	0.00	14	0	0.00
01002	ARSENIC, TOTAL	360.	23	0	0.00	14	0	0.00	3	0	0.00	6	0	0.00
		50.	23	0	0.00	14	0	0.00	3	0	0.00	6	0	0.00
01012	BERYLLIUM, TOTAL	130.	2	0	0.00	1	0	0.00				1	0	0.00
		4.	1 &	0	0.00							1	0	0.00
01027	CADMIUM, TOTAL	3.9	13 &	2	0.15	8	0	0.00				5	2	0.40
		5.	13 &	2	0.15	8	0	0.00				5	2	0.40

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

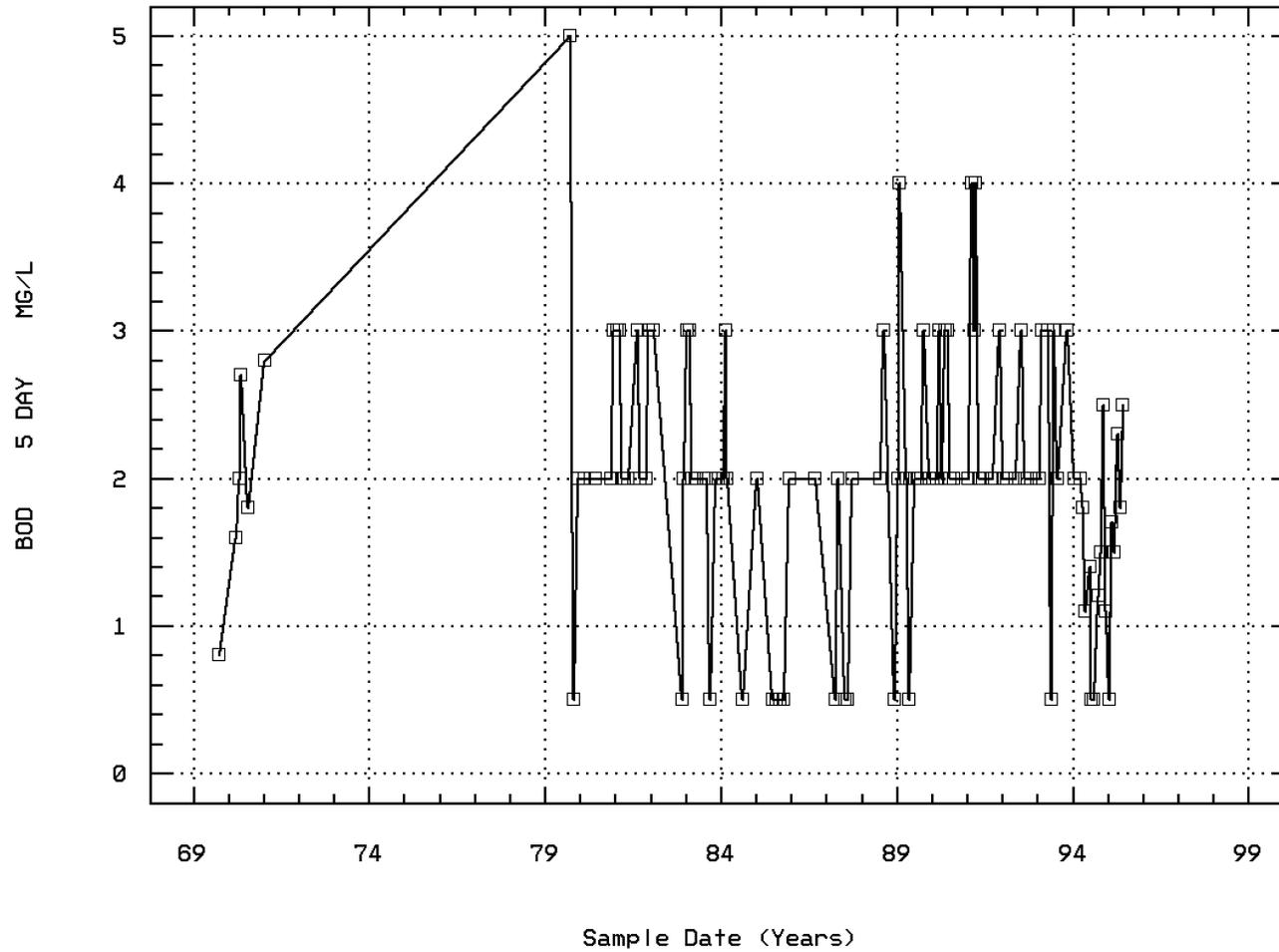
EPA Water Quality Criteria Analysis for Station: BLRI0055

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01034 CHROMIUM, TOTAL	Drinking Water	100.	37	0	0.00	17	0	0.00	9	0	0.00	11	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	36	3	0.08	16	0	0.00	9	1	0.11	11	2	0.18			
	Drinking Water	1300.	36	0	0.00	16	0	0.00	9	0	0.00	11	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	34	0	0.00	17	0	0.00	9	0	0.00	8	0	0.00			
	Drinking Water	15.	34	2	0.06	17	1	0.06	9	1	0.11	8	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	2.	1 &	0	0.00							1	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	100.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	12	0	0.00	9	0	0.00				3	0	0.00			
	Drinking Water	100.	12	0	0.00	9	0	0.00				3	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	37	1	0.03	17	1	0.06	9	0	0.00	11	0	0.00			
	Drinking Water	5000.	37	0	0.00	17	0	0.00	9	0	0.00	11	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	4	0.57	3	2	0.67	1	1	1.00	3	1	0.33			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	265	77	0.29	75	17	0.23	122	38	0.31	68	22	0.32			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	1.	3	0	0.00	2	0	0.00	1	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	2	0	0.00	1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	2	0	0.00	1	0	0.00						
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	2	0	0.00	1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	2	0	0.00	2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	2.	3	0	0.00	2	0	0.00	1	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
	Drinking Water	3.	1	0	0.00	1	0	0.00									
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
	Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	1	0	0.00	1	0	0.00						
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00	1	0	0.00						
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	35	0	0.00	17	0	0.00	9	0	0.00	9	0	0.00			
	Drinking Water	2.	35	0	0.00	17	0	0.00	9	0	0.00	9	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	23	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: BLRI0055 Parameter Code: 00310

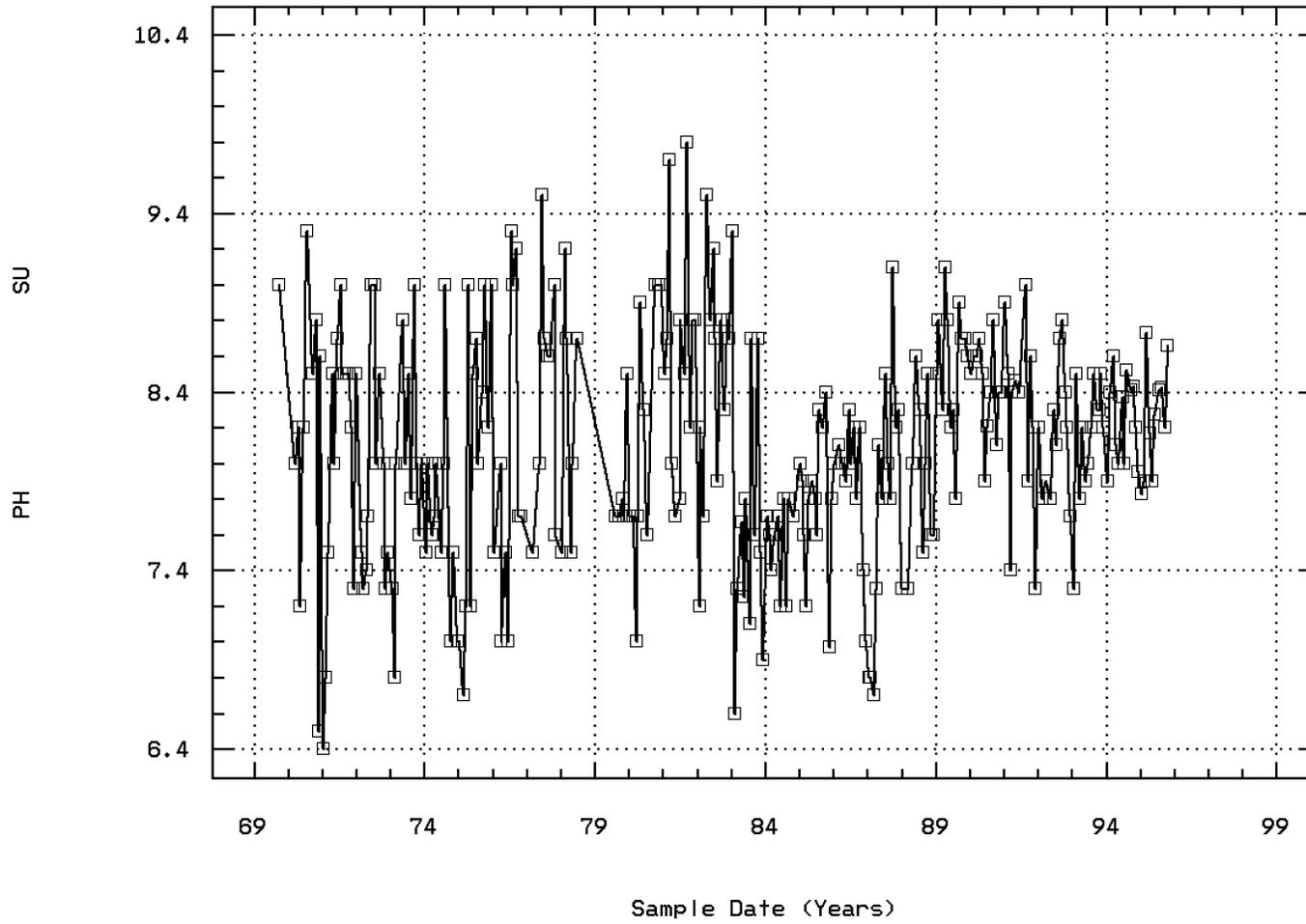
BOD, 5 DAY, 20 DEG C



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00400

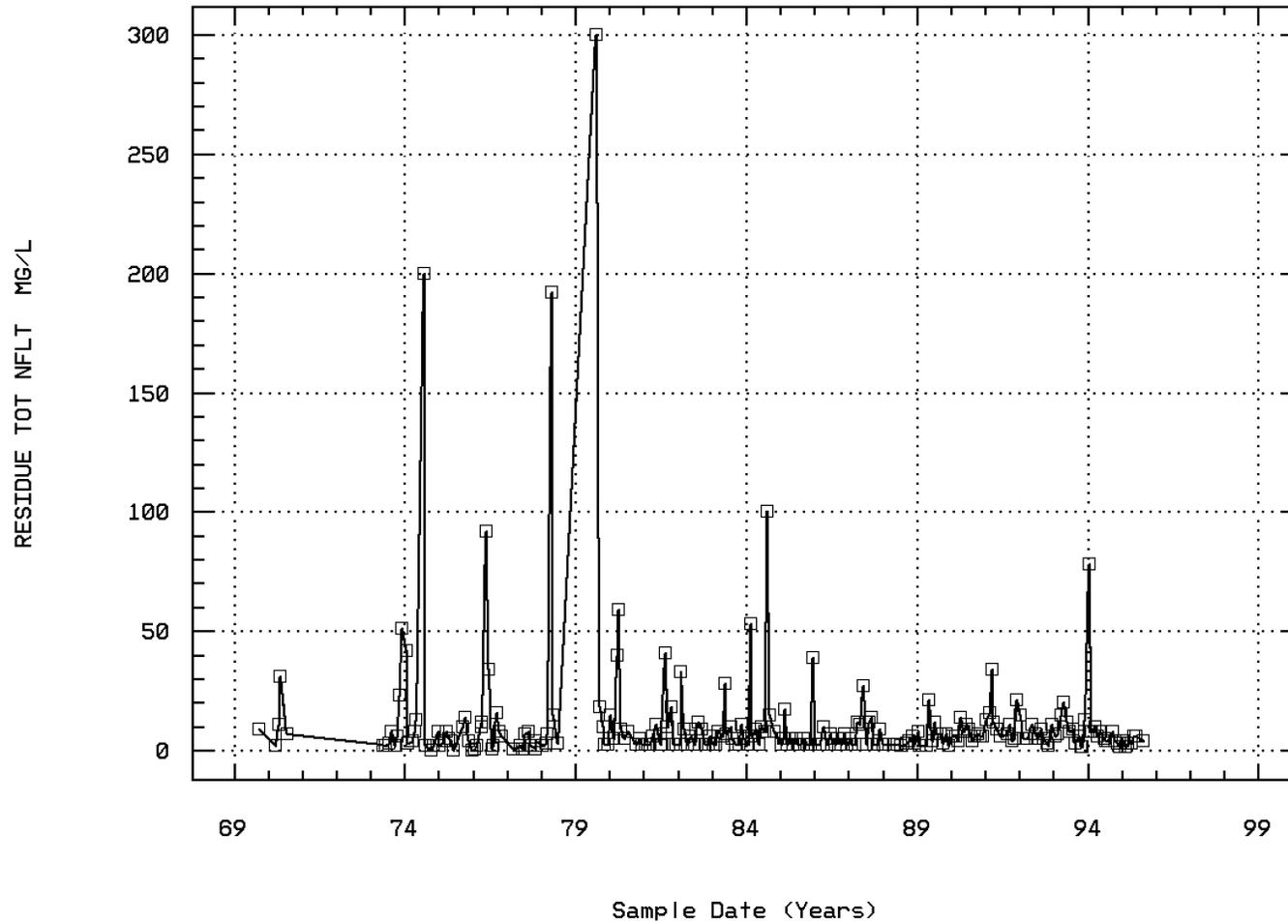
PH (STANDARD UNITS)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00530

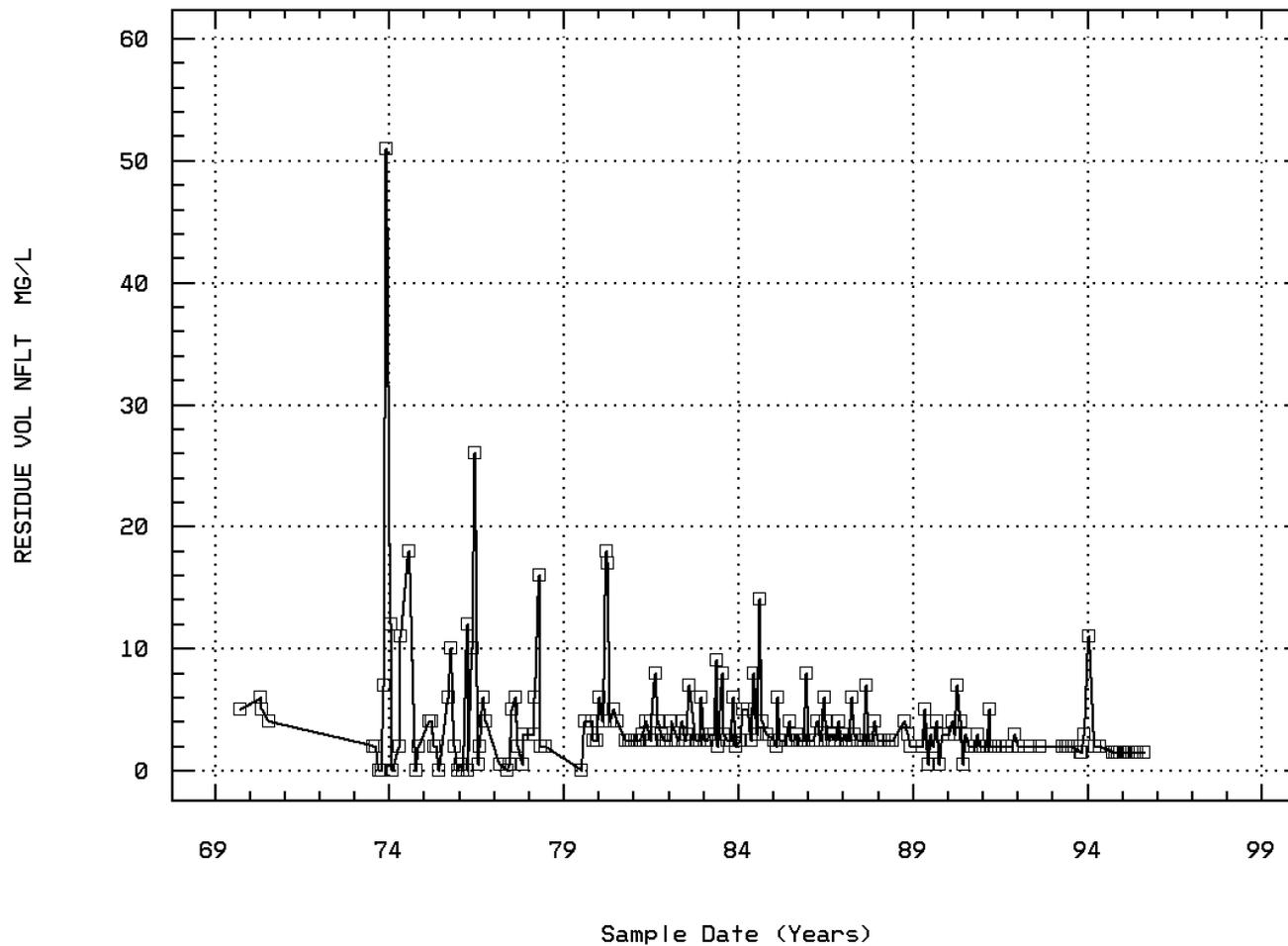
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00535

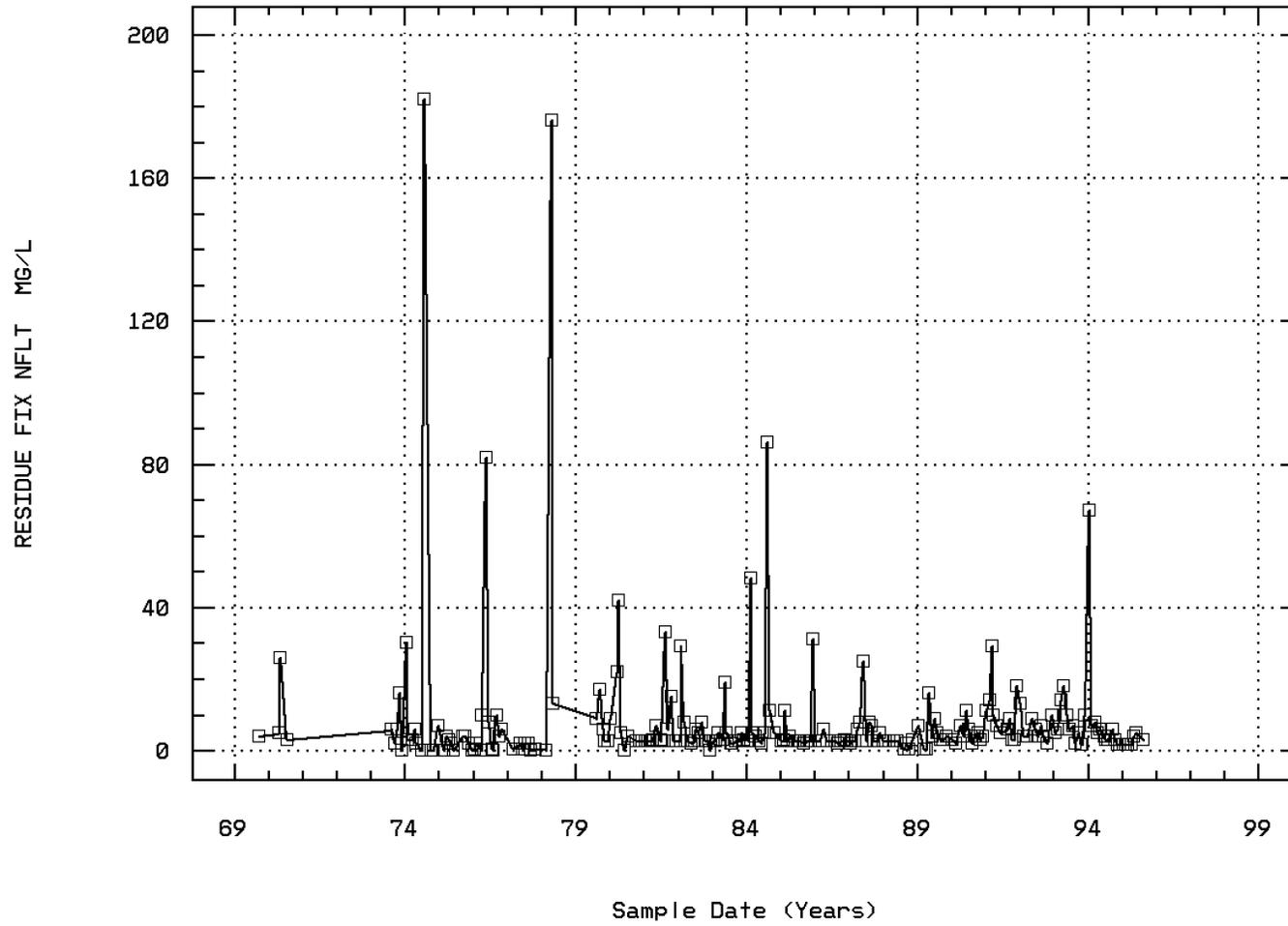
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00540

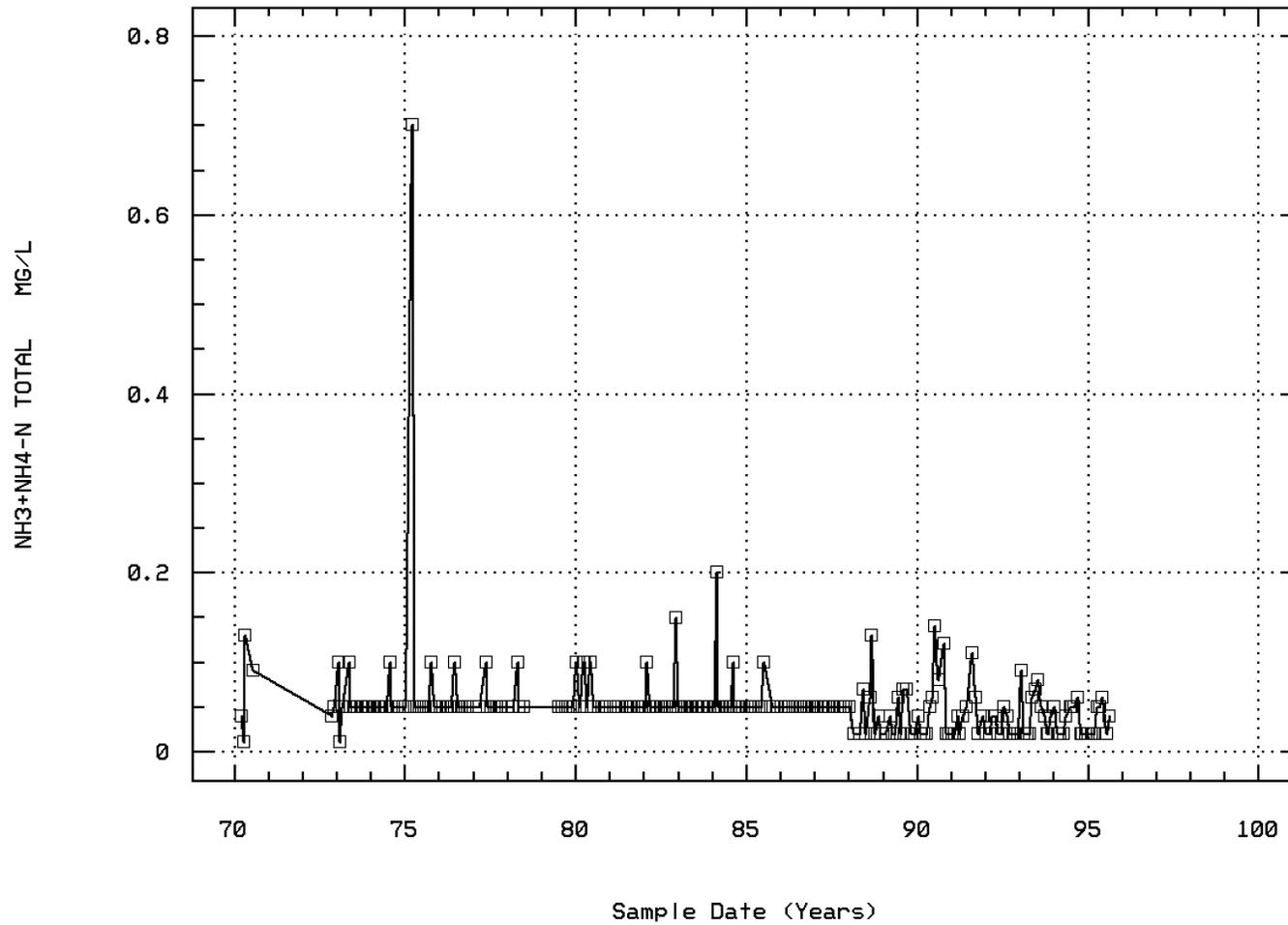
RESIDUE, FIXED NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00610

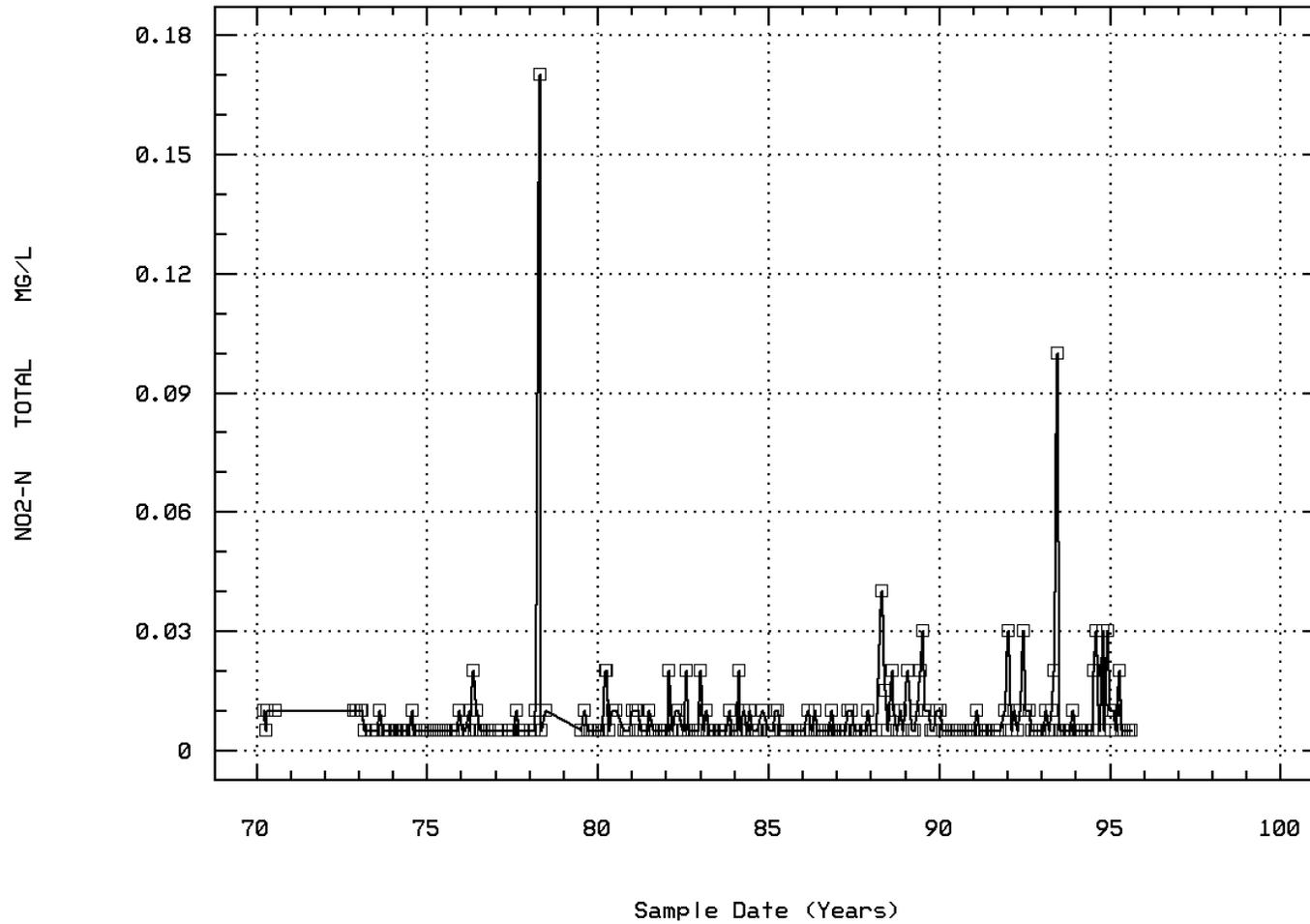
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00615

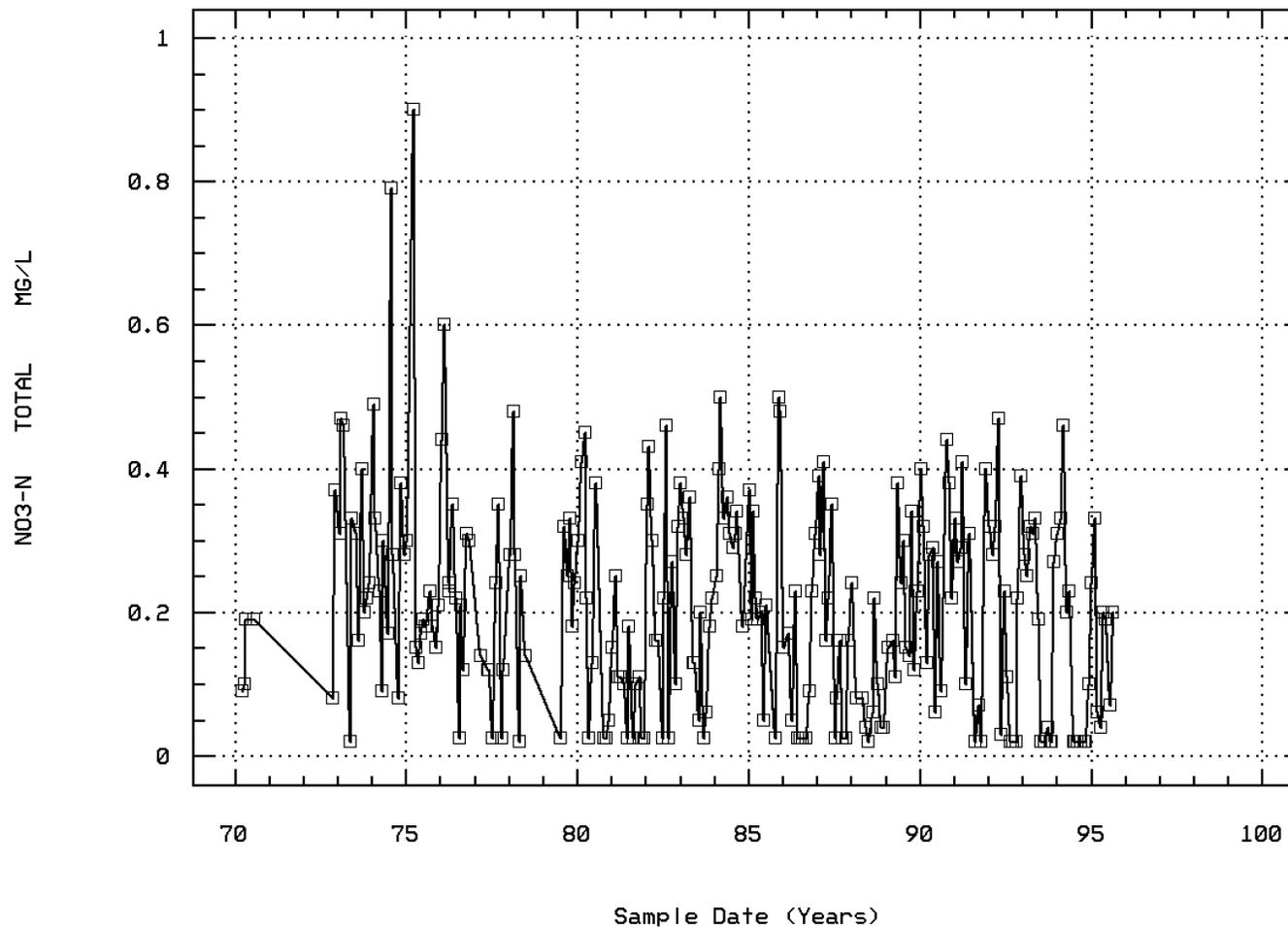
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00620

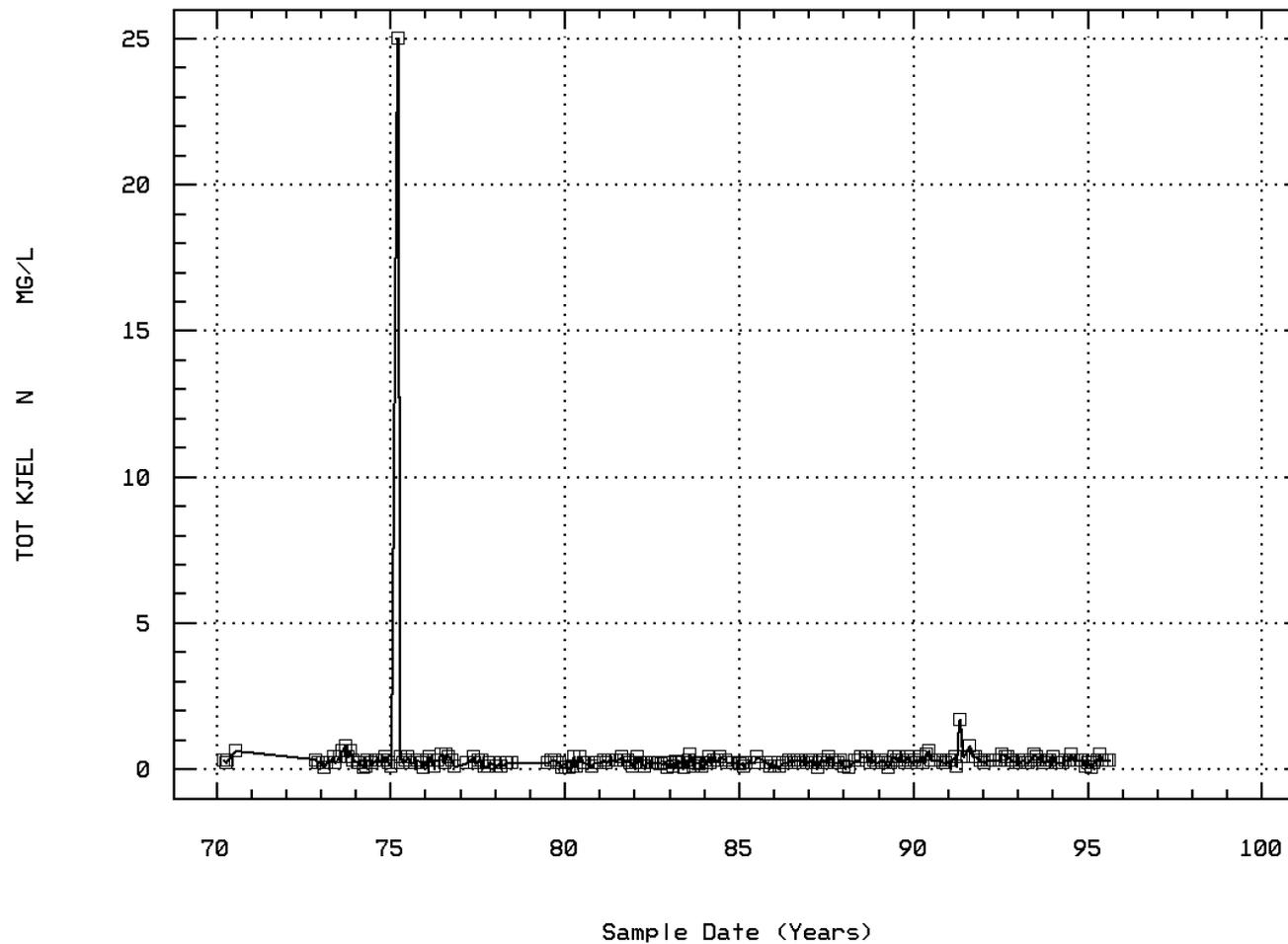
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Annual Analysis for 1969 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	1	183.	183.	183.	183.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	1	4.	4.	4.	4.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	16.7	14.744	24.4	2.2	67.75	8.231	2.2	5.8	22.2	24.4
00300p	OXYGEN, DISSOLVED MG/L	9	9.2	9.4	12.2	7.6	2.61	1.616	7.6	7.8	10.7	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	4	1.9	2.025	2.7	1.6	0.229	0.479	**	**	**	**
00400p	PH (STANDARD UNITS)	9	8.2	8.144	9.3	6.5	0.715	0.846	6.5	7.6	8.7	9.3
00400p	CONVERTED PH (STANDARD UNITS)	9	8.2	7.342	9.3	6.5	1.44	1.2	6.5	7.6	8.7	9.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.006	0.046	0.316	0.001	0.011	0.103	0.001	0.002	0.037	0.316
00403	PH, LAB, STANDARD UNITS SU	4	7.65	7.75	8.2	7.5	0.11	0.332	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	4	7.625	7.671	8.2	7.5	0.118	0.344	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.024	0.021	0.032	0.006	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	63.5	74.	115.	54.	771.333	27.773	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	4	153.5	183.5	305.	122.	7323.	85.575	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	4	56.	54.5	76.	30.	596.333	24.42	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	4	99.	129.	230.	88.	4593.333	67.774	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4	9.	12.75	31.	2.	161.583	12.712	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	4	4.5	4.	6.	1.	4.667	2.16	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	4	4.	8.75	26.	1.	134.917	11.615	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4	0.065	0.068	0.13	0.01	0.003	0.053	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	4	0.145	0.143	0.19	0.09	0.003	0.055	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	4	0.3	0.35	0.6	0.2	0.03	0.173	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2	350.	350.	600.	100.	125000.	353.553	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2	2.389	2.389	2.778	2.	0.303	0.55	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			244.949								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	4	0.075	0.081	0.15	0.025	0.003	0.055	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	4	0.05	0.055	0.11	0.01	0.002	0.042	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	16.7	14.258	26.7	2.8	77.017	8.776	2.95	4.4	20.825	26.37
00300p	OXYGEN, DISSOLVED MG/L	12	10.1	10.125	12.4	7.2	2.304	1.518	7.56	9.25	11.3	12.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	1	2.8	2.8	2.8	0.	0.	**	**	**	**	
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.35	7.992	9.	6.4	0.661	0.813	6.52	7.35	8.5	8.91
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.325	7.253	9.	6.4	1.256	1.121	6.52	7.35	8.5	8.91
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.005	0.056	0.398	0.001	0.014	0.117	0.001	0.003	0.045	0.326
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	500.	2429.167	8000.	50.	11476571.97	3387.709	65.	100.	6375.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	2.69	2.78	3.903	1.699	0.719	0.848	1.789	2.	3.75	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			601.976								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	14.15	14.775	25.6	5.6	50.342	7.095	5.6	8.35	22.325	25.09
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	10.4	10.45	14.2	8.	3.623	1.903	8.12	8.65	11.7	13.72
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.85	7.975	9.	7.3	0.402	0.634	7.3	7.425	8.5	9.
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.825	7.679	9.	7.3	0.498	0.706	7.3	7.425	8.5	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.015	0.021	0.05	0.001	0.	0.019	0.001	0.003	0.038	0.05
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	2	0.225	0.225	0.37	0.08	0.042	0.205	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	250.	237.5	600.	50.	32784.091	181.064	50.	62.5	300.	570.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	2.389	2.232	2.778	1.699	0.156	0.396	1.699	1.774	2.477	2.754
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			170.593								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	15.6	14.864	25.6	3.3	60.897	7.804	3.76	7.8	22.2	25.26
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	11	9.8	10.264	13.	7.8	3.657	1.912	7.92	8.6	12.6	12.94
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.	7.982	9.	6.8	0.402	0.634	6.9	7.6	8.5	8.96
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.	7.571	9.	6.8	0.587	0.766	6.9	7.6	8.5	8.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	11	0.01	0.027	0.158	0.001	0.002	0.046	0.001	0.003	0.025	0.137
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	8	210.	170.125	261.	11.	6754.125	82.183	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	8	32.5	38.25	91.	9.	808.214	28.429	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	8	130.	144.25	250.	71.	4153.929	64.451	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	4.5	12.125	51.	2.	296.411	17.217	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	1.5	8.	51.	0.	306.857	17.517	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	1.5	4.125	16.	0.	28.411	5.33	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.05	0.055	0.1	0.01	0.001	0.025	0.018	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.01	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.31	0.284	0.47	0.02	0.018	0.134	0.048	0.2	0.4	0.468
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.4	0.377	0.8	0.05	0.049	0.221	0.08	0.2	0.6	0.76
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11	100.	722.727	4900.	50.	2363681.818	1537.427	50.	50.	200.	4380.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11	2.	2.168	3.69	1.699	0.494	0.703	1.699	1.699	2.301	3.625
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			147.225								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	11 ##	0.05	0.045	0.05	0.02	0.	0.01	0.022	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	16.7	15.345	25.	4.4	47.749	6.91	5.3	8.9	23.3	24.66
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	10	10.15	10.23	12.	8.5	1.513	1.23	8.53	9.25	11.4	12.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	11	7.6	7.709	9.	7.	0.307	0.554	7.	7.5	8.	8.8
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	11	7.6	7.472	9.	7.	0.369	0.607	7.	7.5	8.	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	11	0.025	0.034	0.1	0.001	0.001	0.034	0.003	0.01	0.032	0.1
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	11	216.	219.727	516.	92.	12849.618	113.356	96.8	123.	245.	466.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	11	49.	58.273	98.	24.	794.618	28.189	24.8	30.	88.	97.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	11	141.	161.455	428.	68.	9657.273	98.271	71.6	95.	190.	381.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	4.	25.727	200.	0.	3481.418	59.004	0.2	2.	13.	168.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	1.	4.455	18.	0.	38.273	6.186	0.	1.	11.	16.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	3.	21.273	182.	0.	2915.418	53.995	0.	0.	7.	151.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.28	0.311	0.79	0.08	0.04	0.199	0.082	0.17	0.38	0.73
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.2	0.232	0.4	0.05	0.01	0.101	0.06	0.2	0.3	0.38
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	50.	172.727	900.	50.	64681.818	254.326	50.	50.	200.	780.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	1.699	1.993	2.954	1.699	0.177	0.421	1.699	1.699	2.301	2.859
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				98.467								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	17.2	16.108	27.8	4.4	70.01	8.367	5.09	8.45	24.2	27.8
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	10.75	10.7	12.7	8.1	2.693	1.641	8.22	9.	12.225	12.64
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.3	8.075	9.	6.7	0.713	0.844	6.79	7.2	8.925	9.
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.289	7.422	9.	6.7	1.178	1.085	6.79	7.2	8.925	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.005	0.038	0.2	0.001	0.004	0.061	0.001	0.001	0.063	0.17
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	10	186.	187.	278.	110.	4014.889	63.363	111.5	125.75	247.	275.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	10	62.	63.2	122.	23.	880.844	29.679	23.6	38.	84.	118.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	10	122.	123.8	191.	69.	1626.622	40.331	70.3	89.5	154.5	187.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	4.	5.1	14.	0.	19.656	4.433	0.	1.5	8.5	13.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	2.	3.1	10.	0.	9.433	3.071	0.	0.75	4.5	9.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	2.	2.	4.	0.	2.889	1.7	0.	0.	4.	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.05	0.114	0.7	0.05	0.038	0.195	0.05	0.05	0.05	0.58
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.18	0.254	0.9	0.13	0.048	0.219	0.134	0.15	0.23	0.78
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.2	2.486	25.	0.05	55.767	7.468	0.06	0.2	0.4	20.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12 ##	50.	58.333	100.	50.	378.788	19.462	50.	50.	50.	100.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12 ##	1.699	1.749	2.	1.699	0.014	0.117	1.699	1.699	1.699	2.
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				56.123								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	11	0.1	0.445	3.8	0.05	1.242	1.114	0.05	0.05	0.2	3.08
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	11	0.06	0.422	3.699	0.05	1.185	1.088	0.05	0.05	0.18	2.999

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	18.	17.336	31.1	3.3	68.673	8.287	4.08	11.7	25.	29.88
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	11	9.	9.327	13.	6.7	2.68	1.637	6.98	8.3	9.9	12.6
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.7	7.99	9.3	7.	0.757	0.87	7.	7.375	9.05	9.29
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.7	7.501	9.3	7.	1.022	1.011	7.	7.375	9.05	9.29
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	10	0.02	0.032	0.1	0.001	0.001	0.038	0.001	0.001	0.049	0.1
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	10	192.	194.	280.	111.	4053.333	63.666	111.6	141.75	249.25	277.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	10	52.5	53.6	74.	33.	225.378	15.013	33.3	39.75	69.75	73.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	10	138.5	140.4	219.	75.	2889.822	53.757	75.1	90.25	186.25	217.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	8.	16.636	92.	0.5	718.405	26.803	0.5	2.	16.	80.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	3.	6.1	26.	0.	67.156	8.195	0.	0.375	10.5	24.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	4.	11.182	82.	0.	566.914	23.81	0.	0.5	10.	67.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.24	0.277	0.6	0.025	0.024	0.154	0.044	0.21	0.35	0.568
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.3	0.309	0.5	0.1	0.019	0.138	0.1	0.2	0.4	0.5
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	50.	113.636	500.	50.	18545.455	136.182	50.	50.	100.	440.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	1.699	1.899	2.699	1.699	0.11	0.332	1.699	1.699	2.	2.619
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			79.313								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	11	0.1	0.141	0.3	0.05	0.007	0.083	0.05	0.05	0.2	0.28
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	11	0.14	0.136	0.26	0.005	0.007	0.081	0.016	0.06	0.2	0.256

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	8	13.5	14.063	28.	2.2	86.843	9.319	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	8	8.	8.762	13.	6.7	4.077	2.019	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	8	8.6	8.438	9.5	7.5	0.477	0.691	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	8	8.6	8.028	9.5	7.5	0.669	0.818	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	8	0.003	0.009	0.032	0.	0.	0.012	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	8	254.5	251.375	481.	123.	11753.411	108.413	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	8	60.5	81.75	267.	28.	5798.786	76.15	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	8	185.	169.625	218.	75.	2478.268	49.782	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	2.	3.063	8.	0.5	8.96	2.993	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	1.25	2.188	6.	0.	5.21	2.283	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	8	0.75	1.063	2.	0.	0.674	0.821	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	8	0.12	0.143	0.35	0.025	0.012	0.108	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	8	0.2	0.225	0.4	0.1	0.011	0.104	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	8 ##	75.	75.	100.	50.	714.286	26.726	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	8 ##	1.849	1.849	2.	1.699	0.026	0.161	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			70.711								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	8	0.1	0.119	0.3	0.05	0.008	0.088	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	8	0.055	0.094	0.3	0.005	0.011	0.107	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	6	6.	9.217	27.	0.	113.082	10.634	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	6	8.7	8.667	10.4	7.	1.947	1.395	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	6	8.35	8.267	9.2	7.5	0.499	0.706	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	6	8.222	7.887	9.2	7.5	0.672	0.82	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	6	0.006	0.013	0.032	0.001	0.	0.015	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	6	166.5	1845.5	10310.	86.	17197499.1	4146.987	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	6	43.5	1704.333	10030.	29.	16636083.067	4078.735	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	6	122.5	141.667	283.	55.	6275.867	79.22	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	5.	37.	192.	2.	5789.2	76.087	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	2.5	5.	16.	1.	32.	5.657	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	1.	32.	176.	0.	5000.8	70.716	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	6##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	6##	0.008	0.034	0.17	0.005	0.004	0.067	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	6	0.265	0.242	0.48	0.02	0.024	0.154	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	6	0.2	0.167	0.2	0.1	0.003	0.052	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	6##	50.	333.333	900.	50.	192666.667	438.938	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	6##	1.699	2.117	2.954	1.699	0.42	0.648	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			131.037								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	6	0.1	0.133	0.3	0.05	0.01	0.098	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	6	0.085	0.073	0.12	0.005	0.002	0.049	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	6	15.	14.05	22.	2.3	61.775	7.86	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	6	161.	178.667	260.	110.	4058.667	63.708	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	6	8.1	8.133	9.4	6.4	1.099	1.048	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	6	1.	1.75	5.	0.5	2.775	1.666	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	6	8.5	9.667	23.	3.	47.867	6.919	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	5	7.7	7.88	8.5	7.7	0.122	0.349	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	5	7.7	7.802	8.5	7.7	0.13	0.36	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	5	0.02	0.016	0.02	0.003	0.	0.007	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	5	174.	160.4	207.	99.	1644.3	40.55	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	5	19.	16.4	33.	0.	251.3	15.852	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	5	143.	130.	167.	69.	1366.	36.959	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	6.25	55.667	300.	1.	14368.967	119.871	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	2.5	2.333	4.	0.	2.567	1.602	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	6	4.25	6.333	17.	1.	35.767	5.981	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	6##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	6##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	6	0.245	0.224	0.33	0.025	0.013	0.112	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	6	0.2	0.208	0.3	0.05	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	6	0.1	0.1	0.2	0.05	0.003	0.055	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	6	0.085	0.103	0.2	0.04	0.005	0.069	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	6	5.5	4.5	7.	1.	5.9	2.429	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	5	900.	1640.	6100.	100.	6398000.	2529.427	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	5	2.954	2.748	3.785	2.	0.575	0.758	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			559.647								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	10	10.5	12.71	27.5	5.	56.817	7.538	5.1	6.825	19.075	26.98
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	10	289.5	244.9	370.	70.	12894.544	113.554	72.5	136.25	341.25	369.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	10	10.8	10.68	13.6	7.8	3.342	1.828	7.87	9.4	11.8	13.54
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	10	1.	1.5	3.	1.	0.5	0.707	1.	1.	2.	2.9
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	11.5	13.	21.	7.	19.333	4.397	7.3	10.	17.25	20.7
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	10	8.	8.19	9.	7.	0.552	0.743	7.06	7.675	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.904	7.712	9.	7.	0.806	0.898	7.06	7.675	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	10	0.012	0.019	0.1	0.001	0.001	0.03	0.001	0.001	0.021	0.093
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	6.5	15.1	59.	2.5	362.044	19.027	2.5	4.375	21.25	57.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	4.	6.55	18.	2.5	34.636	5.885	2.5	2.5	8.75	17.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	3.25	9.05	42.	0.	174.525	13.211	0.1	2.125	12.25	40.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	10##	0.05	0.07	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.013	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10	0.175	0.202	0.45	0.025	0.03	0.173	0.025	0.025	0.388	0.446
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	10	0.15	0.18	0.4	0.05	0.017	0.13	0.05	0.088	0.25	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.1	0.145	0.3	0.05	0.006	0.076	0.055	0.1	0.2	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.11	0.116	0.25	0.005	0.007	0.082	0.009	0.048	0.178	0.248
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	10	7.	7.	15.	2.	11.111	3.333	2.3	5.	8.	14.3
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9	100.	266.667	1800.	50.	331250.	575.543	50.	50.	100.	1800.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9	2.	2.006	3.255	1.699	0.242	0.492	1.699	1.699	2.	3.255
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			101.317								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	12.9	14.1	27.	0.8	98.242	9.912	1.16	5.05	24.375	27.
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	11	275.	301.364	470.	170.	9225.455	96.049	180.	225.	390.	460.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	10.8	11.233	15.4	8.	6.086	2.467	8.12	8.65	13.35	15.1
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	2.	2.083	3.	1.	0.629	0.793	1.	1.25	3.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	14.	15.667	41.	5.	89.152	9.442	5.9	10.	18.25	35.9
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.6	8.608	9.8	7.7	0.434	0.658	7.73	8.05	8.8	9.77
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.589	8.263	9.8	7.7	0.564	0.751	7.73	8.05	8.8	9.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.003	0.005	0.02	0.	0.	0.006	0.	0.002	0.009	0.019
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12##	4.25	9.	41.	2.5	125.136	11.186	2.5	2.5	10.75	34.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12##	2.75	3.417	8.	2.5	2.492	1.579	2.5	2.5	4.	6.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12##	2.75	6.833	33.	2.5	81.288	9.016	2.5	2.5	6.75	27.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.105	0.101	0.25	0.025	0.005	0.07	0.025	0.025	0.14	0.229
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.3	0.267	0.4	0.1	0.006	0.078	0.13	0.2	0.3	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.2	0.188	0.4	0.05	0.009	0.096	0.065	0.1	0.2	0.37
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.145	0.176	0.4	0.11	0.008	0.087	0.11	0.12	0.193	0.367
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	12	7.5	7.042	13.	0.5	12.657	3.558	0.65	5.5	9.5	12.1
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12##	50.	58.333	100.	50.	378.788	19.462	50.	50.	50.	100.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12##	1.699	1.749	2.	1.699	0.014	0.117	1.699	1.699	1.699	2.
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			56.123								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	16.6	14.775	26.	0.6	101.309	10.065	1.02	3.65	24.45	25.73
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	238.	215.917	360.	80.	9419.174	97.052	81.5	107.5	288.75	354.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	9.6	9.658	13.8	2.	11.281	3.359	3.56	7.725	12.55	13.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	1.	1.208	3.	0.5	0.43	0.656	0.65	1.	2.7
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	8.	8.583	17.	1.	27.356	5.23	1.6	4.25	17.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.7	8.483	9.5	7.2	0.423	0.651	7.35	7.975	9.41
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.7	8.012	9.5	7.2	0.665	0.816	7.35	7.975	9.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.002	0.01	0.063	0.	0.	0.018	0.	0.002	0.05
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	6.	8.042	33.	2.5	73.021	8.545	2.5	2.5	26.7
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	2.5	3.208	7.	1.	3.248	1.802	1.	2.5	6.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	2.5	5.875	29.	0.	59.188	7.693	0.6	2.5	22.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.05	0.063	0.15	0.05	0.001	0.031	0.05	0.05	0.135
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.245	0.235	0.46	0.025	0.021	0.145	0.025	0.115	0.451
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.2	0.192	0.4	0.05	0.007	0.082	0.065	0.163	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.1	0.121	0.25	0.05	0.004	0.066	0.05	0.063	0.235
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.09	0.088	0.23	0.02	0.004	0.064	0.02	0.025	0.128
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	12	5.	4.5	8.	1.	4.273	2.067	1.3	2.5	7.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12 ##	75.	350.	2800.	50.	606818.182	778.985	50.	50.	2080.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12 ##	1.849	2.096	3.447	1.699	0.288	0.536	1.699	1.699	2.301
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			124.598							3.194

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	13.25	14.042	28.	3.	77.53	8.805	3.57	6.25	27.76
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	140.	180.417	360.	95.	9215.72	95.999	96.5	110.	351.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	9.9	10.108	13.2	6.2	5.137	2.267	6.56	8.25	13.14
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	2.	1.708	3.	0.5	0.657	0.811	0.65	1.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	8.	9.833	24.	4.	47.788	6.913	4.	5.25	24.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.55	7.702	9.3	6.6	0.654	0.809	6.69	7.137	9.12
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.547	7.259	9.3	6.6	0.868	0.932	6.69	7.137	9.12
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.028	0.055	0.251	0.001	0.005	0.072	0.001	0.005	0.214
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	5.5	7.5	28.	2.5	50.364	7.097	2.5	2.5	22.9
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	2.75	3.833	9.	2.	5.879	2.425	2.	2.5	8.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	2.75	4.5	19.	2.	22.182	4.71	2.	2.5	14.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.19	0.195	0.38	0.025	0.015	0.122	0.033	0.078	0.374
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.2	0.196	0.5	0.05	0.014	0.12	0.065	0.1	0.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.2	0.183	0.45	0.05	0.017	0.132	0.05	0.05	0.435
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.13	0.145	0.4	0.02	0.014	0.117	0.02	0.053	0.379
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	12	3.5	4.	7.	1.	4.909	2.216	1.	2.25	7.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	100.	170.833	800.	50.	45662.879	213.689	50.	50.	650.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	2.	2.04	2.903	1.699	0.151	0.388	1.699	1.699	2.775
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			109.587							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	10	17.65	15.95	27.7	1.8	70.952	8.423	2.42	8.15	27.43
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	9	175.	188.889	320.	75.	6729.861	82.036	75.	117.5	320.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	10	9.5	9.84	13.8	7.5	3.989	1.997	7.53	8.25	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	10	1.	1.35	3.	0.5	0.558	0.747	0.55	1.	2.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	7.5	9.3	26.	1.	51.344	7.166	1.1	5.	12.5	24.8
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.65	7.57	7.8	7.2	0.051	0.226	7.2	7.35	7.725	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.647	7.512	7.8	7.2	0.055	0.235	7.2	7.35	7.725	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	10	0.023	0.031	0.063	0.016	0.	0.018	0.016	0.019	0.046	0.063
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	8.5	21.4	100.	2.5	979.1	31.291	2.5	5.125	24.5	95.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	3.5	4.8	14.	1.	14.122	3.758	1.15	2.5	5.75	13.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	5.	17.1	86.	2.	778.267	27.897	2.05	2.5	20.25	82.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10	0.32	0.327	0.5	0.18	0.007	0.086	0.187	0.28	0.37	0.49
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	9	0.3	0.278	0.4	0.2	0.007	0.083	0.2	0.2	0.35	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	9	0.1	0.142	0.5	0.05	0.02	0.142	0.05	0.05	0.165	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.075	0.134	0.49	0.05	0.019	0.139	0.05	0.05	0.158	0.465
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	10	4.	5.1	10.	2.	6.1	2.47	2.1	3.75	7.25	9.8
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	10	100.	320.	2200.	50.	442888.889	665.499	50.	50.	225.	2010.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	10	2.	2.092	3.342	1.699	0.267	0.516	1.699	1.699	2.345	3.256
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			123.494								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	13	13.4	13.746	27.	1.	82.914	9.106	1.4	5.5	22.55	25.8
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	212.5	225.417	350.	90.	9142.992	95.619	99.	150.	335.	347.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	9.4	9.667	12.4	6.8	4.279	2.069	6.98	7.45	11.55	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	13	1.	1.	2.	0.5	0.25	0.5	0.5	1.	2.	
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	13	8.	8.462	17.	5.	11.103	3.332	5.	6.5	9.5	15.4
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	13	7.8	7.805	8.4	6.97	0.163	0.404	7.062	7.6	8.1	8.36
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	13	7.8	7.611	8.4	6.97	0.204	0.452	7.062	7.6	8.1	8.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	13	0.016	0.025	0.107	0.004	0.001	0.029	0.004	0.008	0.025	0.09
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	13###	2.5	7.192	39.	2.5	106.772	10.333	2.5	2.5	5.	30.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	13###	2.5	3.192	8.	1.	3.439	1.854	1.4	2.5	3.5	7.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	13###	2.5	5.346	31.	1.	65.349	8.084	1.4	2.5	3.5	23.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11###	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.21	0.252	0.5	0.025	0.024	0.155	0.03	0.19	0.37	0.496
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	9	0.2	0.194	0.4	0.1	0.008	0.088	0.1	0.125	0.2	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	9	0.3	0.292	0.8	0.05	0.049	0.221	0.05	0.125	0.35	0.8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	11	0.19	0.241	0.8	0.05	0.044	0.21	0.058	0.1	0.29	0.72
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	13	4.	4.615	8.	2.	3.256	1.805	2.	3.5	6.	7.6
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	2	0.125	0.125	0.14	0.11	0.	0.021	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	13	100.	169.231	400.	50.	19391.026	139.252	50.	50.	300.	400.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	13	2.	2.073	2.602	1.699	0.153	0.391	1.699	1.699	2.477	2.602
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			118.414								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	17.	15.182	26.2	1.	79.39	8.91	1.6	5.9	24.2	26.2
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	11	270.	267.273	390.	140.	9366.818	96.782	140.	180.	355.	389.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	11	9.2	9.382	12.	6.4	3.204	1.79	6.72	8.	11.	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	11	1.	1.091	2.	1.	0.091	0.302	1.	1.	1.	1.8
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	11	9.	9.818	14.	5.	7.364	2.714	5.6	8.	12.	14.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.	7.9	8.3	7.	0.148	0.385	7.08	7.8	8.2	8.28
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.	7.691	8.3	7.	0.196	0.443	7.08	7.8	8.2	8.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	11	0.01	0.02	0.1	0.005	0.001	0.028	0.005	0.006	0.016	0.088
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	11###	2.5	4.455	10.	2.5	6.723	2.593	2.5	2.5	7.	9.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	11###	2.5	3.273	6.	2.5	1.268	1.126	2.5	2.5	4.	5.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	11###	2.5	2.545	6.	1.	1.723	1.313	1.	2.	2.5	5.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.09	0.121	0.31	0.025	0.011	0.103	0.025	0.025	0.23	0.294
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.2	0.218	0.3	0.1	0.006	0.075	0.1	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	11	0.5	0.536	1.3	0.1	0.121	0.347	0.1	0.3	0.7	1.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	11	0.48	0.478	1.2	0.09	0.1	0.317	0.092	0.26	0.65	1.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	11	5.	4.636	6.	3.	1.255	1.12	3.	4.	6.	6.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	8	130.	124.375	145.	88.	381.125	19.522	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9###	50.	61.111	100.	50.	486.111	22.048	50.	50.	75.	100.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9###	1.699	1.766	2.	1.699	0.018	0.133	1.699	1.699	1.849	2.
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			58.326								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	15.	15.317	28.7	3.9	82.772	9.098	3.93	7.1	23.65	28.4
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	199.	239.	460.	100.	17827.273	133.519	103.	120.	360.5	457.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	9.85	9.642	12.2	6.9	4.186	2.046	6.96	7.4	11.75	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	1.	1.042	2.	0.5	0.248	0.498	0.5	0.625	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	11.	10.	20.	1.	37.091	6.09	1.3	3.5	14.	19.1
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.9	7.783	9.1	6.7	0.562	0.749	6.73	6.925	8.275	8.92
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	7.889	7.279	9.1	6.7	0.839	0.916	6.73	6.925	8.275	8.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.013	0.053	0.2	0.001	0.005	0.074	0.002	0.005	0.131	0.187
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	7	8.	7.871	8.4	7.4	0.139	0.373	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	7	8.	7.743	8.4	7.4	0.158	0.398	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	7	0.01	0.018	0.04	0.004	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	7	102.	100.143	130.	56.	592.81	24.348	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	7.	8.542	27.	2.5	54.157	7.359	2.5	2.5	12.	23.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12###	2.5	3.375	7.	2.5	2.369	1.539	2.5	2.5	3.75	6.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	3.75	6.125	25.	2.	40.733	6.382	2.15	2.5	7.75	19.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.16	0.19	0.41	0.025	0.02	0.141	0.025	0.039	0.333	0.404
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.25	0.246	0.4	0.05	0.008	0.089	0.095	0.2	0.3	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.25	0.363	0.9	0.05	0.094	0.307	0.065	0.1	0.65	0.87
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	12	0.22	0.332	0.8	0.05	0.084	0.289	0.053	0.1	0.643	0.785
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	8	4.5	4.625	6.	3.	1.125	1.061	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	105.	108.333	156.	66.	1172.242	34.238	66.6	72.	143.	156.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11###	50.	236.364	1700.	50.	239045.455	488.923	50.	50.	200.	1400.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11###	1.699	2.002	3.23	1.699	0.224	0.473	1.699	1.699	2.301	3.045
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			100.553								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	10	17.4	15.44	26.8	1.5	88.84	9.426	1.81	5.2	23.975	26.75
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	215.	241.417	440.	110.	11506.629	107.269	116.	152.5	344.75	422.
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	10	9.05	10.04	13.9	7.6	5.074	2.253	7.63	8.125	12.575	13.79
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	10	1.	1.25	3.	0.5	0.514	0.717	0.55	1.	1.25	2.9
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	11.5	11.75	21.	0.5	41.181	6.417	1.05	6.	18.	20.7
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.8	7.87	8.6	7.3	0.231	0.481	7.3	7.45	8.35	8.59
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	10	7.755	7.672	8.6	7.3	0.275	0.524	7.3	7.45	8.35	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	10	0.018	0.021	0.05	0.003	0.	0.018	0.003	0.005	0.036	0.05
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	16	8.25	8.163	8.4	7.5	0.076	0.275	7.57	8.1	8.375	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	16	8.247	8.058	8.4	7.5	0.088	0.296	7.57	8.1	8.375	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	16	0.006	0.009	0.032	0.004	0.	0.008	0.004	0.004	0.008	0.027
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	14	92.5	90.929	104.	68.	112.225	10.594	70.5	86.5	99.5	103.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	2.5	2.9	6.	1.	1.767	1.329	1.1	2.375	3.25	5.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	10	2.5	2.2	4.	1.	0.956	0.978	1.	1.	2.625	3.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	10###	2.25	1.8	3.	0.5	0.9	0.949	0.5	0.875	2.5	2.95
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.03	0.045	0.13	0.02	0.001	0.035	0.02	0.02	0.063	0.124
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.008	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.016	0.038
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10	0.07	0.092	0.24	0.02	0.006	0.077	0.022	0.04	0.13	0.238
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	10	0.3	0.266	0.4	0.05	0.015	0.124	0.055	0.175	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.4	0.538	0.9	0.3	0.057	0.239	0.3	0.375	0.81	0.9
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.385	0.517	0.94	0.23	0.068	0.262	0.236	0.335	0.785	0.938
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	11	4.	4.091	6.	2.4	1.045	1.022	2.46	3.8	4.7	5.86
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	10	116.	115.2	148.	82.	516.622	22.729	82.4	90.5	134.	147.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	3	33.	32.	37.	26.	31.	5.568	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	2	28.5	28.5	32.	25.	24.5	4.95	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	2###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11###	50.	77.273	200.	50.	2181.818	46.71	50.	50.	100.	180.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11###	1.699	1.836	2.301	1.699	0.043	0.207	1.699	1.699	2.	2.241
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			68.518								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	13.45	15.425	26.4	4.1	62.275	7.891	4.58	9.	23.8	26.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	6	20.5	27.5	67.	12.	417.1	20.423	**	**	**	**
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	18	175.	187.389	341.	11.	8017.428	89.54	13.7	138.75	231.75	322.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	8	256.	261.625	320.	225.	1149.411	33.903	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	12	11.05	10.292	13.1	6.5	4.826	2.197	6.83	7.95	11.9	12.89
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	2.	1.875	4.	0.5	0.915	0.956	0.65	1.	2.	3.7
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	19	12.	12.316	20.	7.	16.895	4.11	7.	9.	17.	17.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.65	8.558	9.1	7.8	0.128	0.358	7.92	8.3	8.8	9.04
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.647	8.406	9.1	7.8	0.153	0.392	7.92	8.3	8.8	9.04
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.002	0.004	0.016	0.001	0.	0.004	0.001	0.002	0.005	0.013
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	20	8.1	8.08	8.4	7.5	0.046	0.214	7.8	8.025	8.175	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	20	8.1	8.022	8.4	7.5	0.049	0.222	7.8	8.025	8.175	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	20	0.008	0.009	0.032	0.004	0.	0.006	0.004	0.007	0.009	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	19	75.	84.947	221.	33.	1423.275	37.726	44.	71.	95.	106.
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	12	152.5	160.333	220.	114.	936.242	30.598	116.1	143.75	180.75	213.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	12	30.5	31.417	42.	19.	60.811	7.798	20.2	24.5	39.25	42.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	12	126.	128.917	191.	95.	767.356	27.701	95.9	103.5	141.	182.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	5.5	6.333	21.	1.	32.061	5.662	1.3	2.	7.75	18.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	1.5	2.	5.	0.5	2.136	1.462	0.5	1.	3.	4.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	3.5	4.5	16.	0.5	20.045	4.477	0.5	1.	6.5	13.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.02	0.036	0.07	0.02	0.	0.022	0.02	0.02	0.063	0.07

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.16	0.211	0.38	0.11	0.009	0.094	0.112	0.14	0.3	0.372
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.3	0.268	0.4	0.05	0.012	0.11	0.08	0.2	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	11	0.2	0.25	0.6	0.05	0.021	0.143	0.06	0.2	0.3	0.54
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	11	0.19	0.195	0.51	0.03	0.019	0.137	0.034	0.07	0.29	0.468
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	18	2.85	3.183	5.1	2.1	0.874	0.935	2.19	2.4	4.05	4.65
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	101.	104.333	132.	72.	366.424	19.142	75.6	91.	126.	131.4
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	10	11.5	14.5	27.	4.	65.833	8.114	4.4	8.	21.5	26.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	9	22.	22.778	38.	12.	62.944	7.934	12.	16.	28.	38.
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	12 ##	0.075	0.087	0.16	0.05	0.002	0.041	0.05	0.05	0.118	0.154
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	50.	100.	400.	50.	12000.	109.545	50.	50.	100.	360.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	1.699	1.863	2.602	1.699	0.097	0.312	1.699	1.699	2.	2.542
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			72.974								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	13	15.5	14.669	26.6	2.8	61.286	7.829	3.84	7.2	22.3	25.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	13	17.	21.077	55.	1.	271.077	16.464	1.8	12.	29.	53.4
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	13	190.	213.077	380.	115.	9598.077	97.97	117.	137.5	292.5	380.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	13	260.	277.077	412.	178.	5534.577	74.395	188.8	215.	337.	401.6
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	13	9.	9.485	13.1	6.3	4.906	2.215	6.54	7.9	11.6	12.94
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	11	2.	2.182	3.	1.	0.564	0.751	1.	2.	3.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	13	9.	10.769	21.	5.	21.859	4.675	5.8	7.	14.	19.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	13	8.4	8.385	8.8	7.9	0.081	0.285	7.9	8.155	8.6	8.76
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	13	8.4	8.293	8.8	7.9	0.09	0.3	7.9	8.155	8.6	8.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	13	0.004	0.005	0.013	0.002	0.	0.004	0.002	0.003	0.007	0.013
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	13	8.	7.908	8.3	7.5	0.081	0.284	7.5	7.65	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	13	8.	7.824	8.3	7.5	0.088	0.297	7.5	7.65	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	13	0.01	0.015	0.032	0.005	0.	0.01	0.005	0.007	0.023	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	13	88.	90.692	131.	66.	380.397	19.504	66.4	75.	108.5	123.4
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	13	149.	168.846	269.	100.	2282.808	47.779	114.4	138.	206.5	255.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	13	30.	29.615	47.	1.	124.423	11.155	8.6	25.	36.	44.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	13	132.	139.231	229.	80.	2106.692	45.899	85.2	105.	174.5	220.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	13	6.	7.538	14.	4.	8.769	2.961	4.	6.	10.	12.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	13	3.	2.808	7.	0.5	2.647	1.627	0.7	2.	3.5	5.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	13	4.	4.846	11.	1.	10.141	3.184	1.4	2.5	6.5	11.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.04	0.054	0.14	0.02	0.002	0.043	0.02	0.02	0.08	0.136
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	11	0.28	0.262	0.44	0.06	0.016	0.126	0.066	0.13	0.38	0.432
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	11	0.3	0.318	0.6	0.2	0.018	0.133	0.2	0.2	0.4	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	11	0.1	0.123	0.2	0.05	0.003	0.052	0.06	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	11	0.05	0.076	0.14	0.05	0.001	0.036	0.05	0.05	0.12	0.138
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	13	3.1	3.508	5.3	1.9	1.261	1.123	1.98	2.6	4.7	5.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	107.	110.333	152.	78.	605.515	24.607	78.6	88.25	135.5	147.8
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	13	14.	22.154	130.	4.	1098.641	33.146	4.4	7.5	20.	89.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	13	21.	24.692	50.	12.	145.397	12.058	12.	17.	33.5	46.8
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	13	0.1	0.098	0.26	0.05	0.004	0.06	0.05	0.05	0.13	0.212
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	50.	145.455	500.	50.	25227.273	158.831	50.	50.	200.	480.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	1.699	1.981	2.699	1.699	0.148	0.385	1.699	1.699	2.301	2.68
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			95.817								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	10.6	13.773	25.8	5.3	52.066	7.216	5.6	6.9	20.5	25.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	10	34.5	38.7	73.	21.	330.678	18.185	21.2	23.	56.5	71.8
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	10	185.	207.	400.	80.	13001.111	114.022	81.	97.5	313.75	392.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	10	260.5	264.2	446.	138.	13056.844	114.267	139.2	159.	344.	445.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	1	10.6	10.6	10.6	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	10	10.15	9.7	13.1	3.6	8.98	2.997	3.97	7.675	12.65	13.07
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	10	2.	2.4	4.	1.	1.156	1.075	1.	1.75	3.25	4.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	10	12.5	12.3	20.	5.	26.011	5.1	5.1	6.75	17.	19.7
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.4	8.278	9.	7.3	0.3	0.548	7.32	7.9	8.6	8.98
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.4	7.934	9.	7.3	0.431	0.656	7.32	7.9	8.6	8.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	11	0.004	0.012	0.05	0.001	0.	0.017	0.001	0.003	0.013	0.048
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	11	7.9	7.873	8.5	7.3	0.154	0.393	7.3	7.6	8.2	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	11	7.9	7.719	8.5	7.3	0.18	0.425	7.3	7.6	8.2	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	11	0.013	0.019	0.05	0.003	0.	0.017	0.004	0.006	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	11	90.	86.364	124.	36.	824.255	28.71	38.6	65.	114.	122.8
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	11	176.	188.545	326.	104.	5833.073	76.375	106.4	122.	268.	319.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	11	36.	40.	94.	18.	639.8	25.294	18.4	20.	62.	89.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	11	138.	148.545	254.	84.	3178.473	56.378	86.4	104.	198.	249.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	11.	12.545	34.	4.	76.273	8.733	4.2	6.	16.	31.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	2.	2.091	5.	1.	1.291	1.136	1.	1.	2.	4.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	9.	10.455	29.	3.	58.873	7.673	3.	5.	14.	26.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	10	0.04	0.042	0.11	0.02	0.001	0.028	0.02	0.02	0.053	0.105
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	10	0.28	0.222	0.41	0.02	0.024	0.154	0.02	0.058	0.348	0.409
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	10	0.4	0.51	1.7	0.1	0.205	0.453	0.12	0.3	0.5	1.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	10	0.1	0.105	0.2	0.05	0.003	0.055	0.05	0.05	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	10	0.05	0.061	0.11	0.01	0.001	0.036	0.011	0.035	0.103	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	10	3.55	3.59	5.3	1.8	1.585	1.259	1.86	2.4	4.85	5.27
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	9	112.	111.333	160.	58.	1215.25	34.86	58.	78.5	143.	160.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	10	11.5	14.4	35.	4.	134.933	11.616	4.	4.	23.75	34.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	10	23.	27.9	61.	10.	310.544	17.622	10.1	12.5	38.75	60.2
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	10###	0.075	0.089	0.15	0.05	0.002	0.044	0.05	0.05	0.135	0.15
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	10	200.	995.	8000.	50.	6089694.444	2467.731	50.	50.	450.	7260.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	10	2.301	2.346	3.903	1.699	0.453	0.673	1.699	1.699	2.646	3.791
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			221.789								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	11	13.6	15.955	33.7	4.6	84.785	9.208	4.76	9.	23.6	32.04
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	12	30.5	32.083	60.	2.	392.811	19.819	2.	19.5	49.25	59.1
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	11	200.	234.091	390.	105.	12679.091	112.601	108.	130.	360.	390.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	11	305.	314.909	500.	168.	13009.291	114.058	170.	201.	405.	483.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	11	11.	10.036	12.	6.6	4.317	2.078	6.72	8.2	11.8	11.98
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	11	2.	1.636	3.	1.	0.455	0.674	1.	1.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	11	11.	13.	20.	5.	26.2	5.119	5.8	10.	20.	20.
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.2	8.173	8.8	7.7	0.132	0.364	7.72	7.8	8.4	8.78
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	11	8.2	8.053	8.8	7.7	0.148	0.385	7.72	7.8	8.4	8.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	11	0.006	0.009	0.02	0.002	0.	0.006	0.002	0.004	0.016	0.019
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	12	8.2	8.05	8.5	7.5	0.128	0.358	7.5	7.65	8.35	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	12	8.2	7.907	8.5	7.5	0.15	0.388	7.5	7.65	8.35	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	12	0.006	0.012	0.032	0.003	0.	0.011	0.003	0.005	0.023	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	12	84.	85.917	115.	54.	425.174	20.62	56.4	69.	105.25	113.2
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	10	221.	208.8	352.	104.	6575.289	81.088	105.4	120.25	261.75	343.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	10	36.	37.	54.	24.	150.	12.247	24.	24.75	52.	53.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	10	176.	170.8	300.	77.	5198.178	72.098	78.1	92.5	219.5	293.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	5.	7.091	15.	2.	15.691	3.961	2.2	5.	11.	14.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	1.	1.273	2.	1.	0.218	0.467	1.	1.	2.	2.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	11	4.	5.818	13.	1.	13.164	3.628	1.2	4.	9.	12.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.02	0.028	0.05	0.02	0.	0.011	0.02	0.02	0.04	0.047
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.008	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.01	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.225	0.203	0.47	0.02	0.025	0.159	0.02	0.023	0.32	0.446
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.3	0.317	0.5	0.2	0.007	0.083	0.2	0.3	0.375	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.1	0.129	0.3	0.05	0.008	0.089	0.05	0.063	0.175	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	5	0.03	0.03	0.04	0.02	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	11	5.4	4.909	7.6	1.3	3.443	1.856	1.52	3.6	6.2	7.34
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	11	116.	114.727	150.	70.	869.818	29.493	71.6	92.	140.	150.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	11	20.	19.727	40.	4.	149.418	12.224	4.4	8.	30.	38.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	11	42.	40.455	79.	14.	462.673	21.51	14.6	19.	57.	74.8
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	10 ##	0.1	0.12	0.25	0.05	0.007	0.082	0.05	0.05	0.175	0.25
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	100.	212.5	700.	50.	58238.636	241.327	50.	50.	425.	670.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	2.	2.093	2.845	1.699	0.204	0.452	1.699	1.699	2.599	2.825
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			123.93								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	6	0.13	0.137	0.21	0.07	0.004	0.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	12.55	15.308	32.4	4.7	92.859	9.636	4.97	6.5	25.35	30.69
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	11	37.	34.636	60.	20.	119.655	10.939	20.2	28.	38.	56.2
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	220.	230.667	410.	85.	15562.606	124.75	86.5	111.25	355.75	395.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	12	302.	310.333	524.	141.	17547.515	132.467	141.9	195.25	419.75	513.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	12	10.35	9.792	12.5	6.6	5.684	2.384	6.63	7.425	12.1	12.47
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	1.5	1.792	3.	0.5	0.975	0.988	0.65	1.	3.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	12.	10.917	17.	5.	19.356	4.4	5.	6.25	15.	16.7
00400p	PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.2	8.142	8.5	7.3	0.123	0.35	7.45	7.925	8.45	8.5
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.2	7.975	8.5	7.3	0.153	0.391	7.45	7.925	8.45	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.006	0.011	0.05	0.003	0.	0.013	0.003	0.004	0.012	0.04
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	12	8.2	8.025	8.4	7.1	0.175	0.418	7.16	7.925	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	12	8.2	7.78	8.4	7.1	0.24	0.49	7.16	7.925	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	12	0.006	0.017	0.079	0.004	0.001	0.024	0.004	0.005	0.012	0.071
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	12	93.5	88.25	126.	52.	614.386	24.787	52.9	62.75	104.	123.
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	12	179.5	198.083	332.	104.	6451.356	80.32	106.4	131.5	263.75	326.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	12	29.	35.417	69.	18.	218.265	14.774	20.1	25.	47.	63.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	12	104.5	145.833	288.	22.	7494.697	86.572	39.1	84.75	217.75	287.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	7.5	8.5	20.	1.5	31.864	5.645	1.5	3.75	12.75	18.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	1.5	1.583	3.	1.	0.402	0.634	1.	1.	2.	2.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	6.	7.167	18.	1.5	25.742	5.074	1.5	2.75	10.	16.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.04	0.044	0.09	0.02	0.001	0.026	0.02	0.02	0.068	0.087
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12 ##	0.005	0.015	0.1	0.005	0.001	0.027	0.005	0.005	0.01	0.076
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12	0.22	0.173	0.33	0.02	0.018	0.136	0.02	0.02	0.303	0.327
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.3	0.292	0.5	0.2	0.008	0.09	0.2	0.2	0.3	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.2	0.188	0.5	0.05	0.015	0.121	0.065	0.1	0.2	0.44
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	12	4.95	4.858	7.	2.2	1.943	1.394	2.5	3.825	5.55	6.97
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	117.	113.333	166.	62.	1290.424	35.922	62.	85.	150.	163.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	11	13.	18.636	51.	3.	254.855	15.964	3.2	6.	30.	48.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	11	29.	37.636	72.	10.	642.855	25.355	10.2	13.	64.	71.8
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	3 ##	0.05	0.117	0.25	0.05	0.013	0.115	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	50.	518.182	4000.	50.	1364136.364	1167.962	50.	50.	300.	3320.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	11 ##	1.699	2.166	3.602	1.699	0.396	0.629	1.699	1.699	2.477	3.437

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			146.656								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	12	0.09	0.119	0.23	0.02	0.005	0.074	0.023	0.073	0.208	0.224

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	12	15.45	15.692	27.1	4.	74.654	8.64	4.15	6.95	25.6	26.92
00080 COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	12	27.5	28.75	55.	17.	101.841	10.092	17.9	23.	30.25	50.5
00094p SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	12	255.	235.	390.	85.	13850.	117.686	88.	116.25	347.5	381.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	12	339.5	317.333	572.	155.	21617.879	147.03	155.3	161.75	432.	542.9
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	12	9.8	9.933	13.4	6.7	5.821	2.413	6.73	7.7	12.5	13.34
00310 BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	12	1.3	1.383	2.5	0.5	0.372	0.61	0.5	1.025	1.95	2.35
00340 COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	12	15.	13.417	18.	8.	10.811	3.288	8.3	9.5	15.75	17.4
00400p PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.285	8.24	8.6	7.9	0.059	0.243	7.915	8.	8.425	8.576
00400p CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	12	8.277	8.179	8.6	7.9	0.063	0.252	7.915	8.	8.425	8.576
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	12	0.005	0.007	0.013	0.003	0.	0.004	0.003	0.004	0.01	0.012
00403 PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	12	7.8	7.767	8.3	7.	0.152	0.389	7.03	7.625	8.	8.27
00403 CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	12	7.8	7.58	8.3	7.	0.19	0.436	7.03	7.625	8.	8.27
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	12	0.016	0.026	0.1	0.005	0.001	0.03	0.005	0.01	0.024	0.094
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	12	96.	87.25	127.	43.	772.205	27.789	46.3	59.	108.75	125.2
00500 RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	12	203.5	201.917	370.	96.	8154.265	90.301	98.7	109.5	279.5	346.
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	12	40.	41.75	67.	21.	318.75	17.854	21.3	23.25	59.5	67.
00510 RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	12	139.5	160.167	320.	74.	6448.697	80.304	76.4	83.25	230.25	298.4
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	5.5	11.625	78.	1.5	443.142	21.051	1.95	4.	8.	57.6
00535p RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	1.5	2.167	11.	1.	7.879	2.807	1.	1.	1.875	8.3
00540p RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	12	4.5	9.583	67.	1.5	331.311	18.202	1.5	3.	6.75	49.3
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	12###	0.03	0.035	0.06	0.02	0.	0.016	0.02	0.02	0.05	0.057
00615p NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12###	0.005	0.013	0.03	0.005	0.	0.011	0.005	0.005	0.028	0.03
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	12###	0.06	0.146	0.46	0.02	0.024	0.156	0.02	0.02	0.29	0.421
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	12	0.3	0.283	0.5	0.1	0.011	0.103	0.13	0.2	0.3	0.47
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	12	0.15	0.2	0.6	0.05	0.032	0.178	0.05	0.05	0.35	0.54
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	12	4.5	4.275	6.8	2.	2.126	1.458	2.12	2.95	5.55	6.47
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	12	126.	112.75	170.	62.	1571.114	39.637	62.6	70.5	141.5	167.6
00940 CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	12	22.5	21.083	43.	5.	221.356	14.878	5.3	6.	35.5	42.1
00945 SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	12	40.5	40.75	103.	11.	834.568	28.889	11.	14.25	60.75	91.9
31616p FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	100.	183.333	700.	50.	36969.697	192.275	50.	50.	200.	610.
31616p LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	12	2.	2.096	2.845	1.699	0.146	0.382	1.699	1.699	2.301	2.772
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			124.598								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	12	0.09	0.161	0.55	0.04	0.024	0.157	0.043	0.053	0.27	0.484

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	10	14.8	16.35	29.	2.1	79.969	8.943	2.56	8.575	24.125	28.88
00080 COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	7	26.	25.714	36.	16.	47.238	6.873	**	**	**	**
00094p SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	10	220.	271.2	490.	110.	20873.289	144.476	110.5	126.25	416.25	487.5
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	7	239.	285.571	458.	216.	7772.952	88.164	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/05/91-10/18/95	10	9.5	10.19	14.4	7.2	7.197	2.683	7.2	8.025	13.325	14.3
00310 BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	7	1.7	1.614	2.5	0.5	0.488	0.699	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	7	12.	10.143	17.	2.5	31.726	5.633	**	**	**	**
00400p PH (STANDARD UNITS)	09/30/69-10/18/95	10	8.235	8.249	8.73	7.83	0.098	0.313	7.837	7.9	8.48	8.723

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

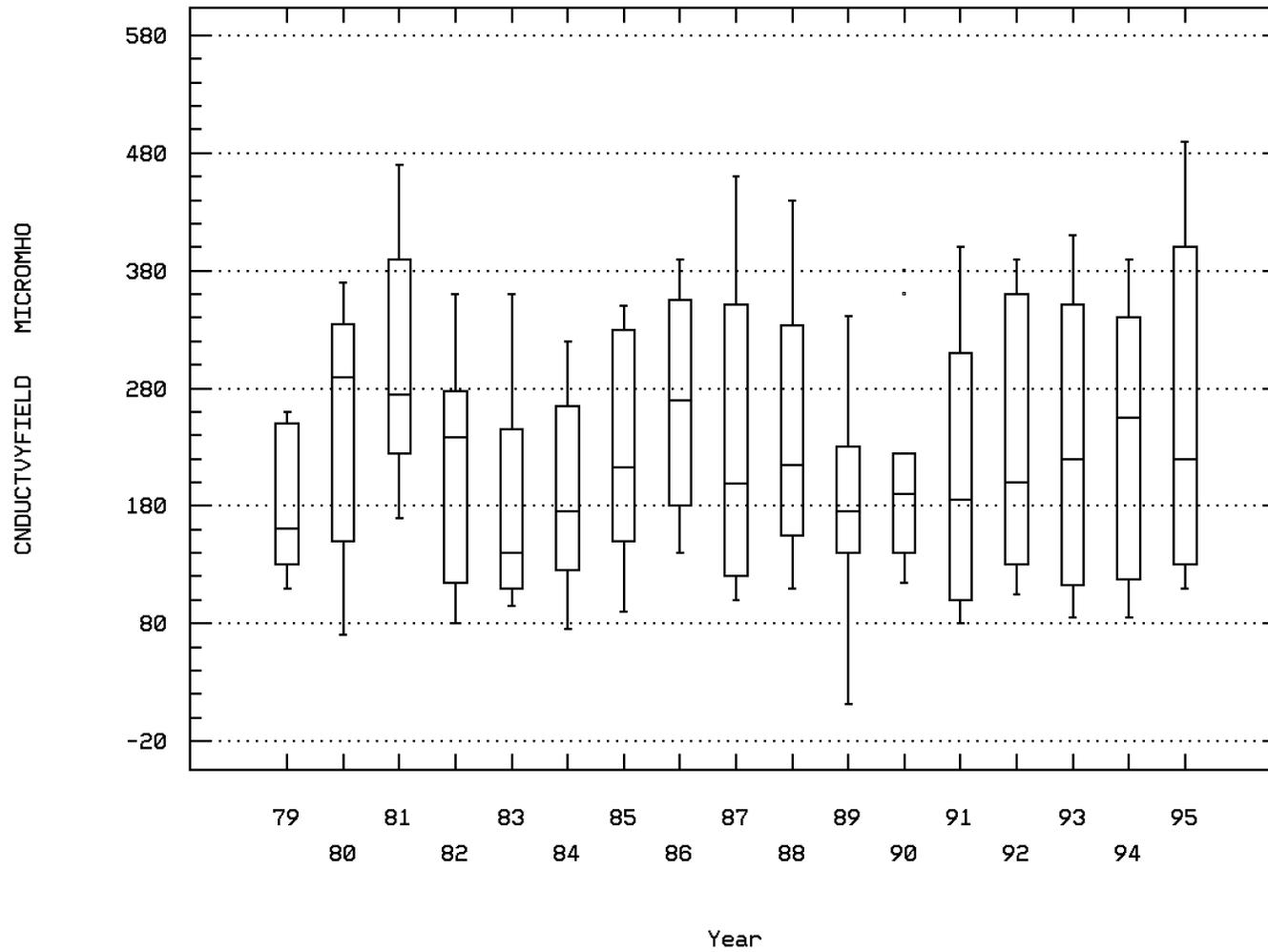
Annual Analysis for 1995 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	10	8.234	8.154	8.73	7.83	0.108	0.329	7.837	7.9	8.48	8.723
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	10	0.006	0.007	0.015	0.002	0.	0.005	0.002	0.003	0.013	0.015
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	7	7.5	7.571	8.4	7.2	0.152	0.39	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	7	7.5	7.47	8.4	7.2	0.164	0.405	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	7	0.032	0.034	0.063	0.004	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	7	68.	78.571	118.	61.	426.619	20.655	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	7	143.	167.	269.	120.	2707.333	52.032	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	7	32.	29.286	36.	16.	46.238	6.8	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	7	108.	137.714	236.	101.	2464.905	49.648	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	7	4.	3.929	6.	1.5	2.702	1.644	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	7###	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	7###	1.5	2.571	5.	1.5	2.119	1.456	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	8###	0.03	0.035	0.06	0.02	0.	0.017	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	8###	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	8	0.195	0.166	0.33	0.04	0.01	0.101	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	8	0.3	0.269	0.5	0.05	0.016	0.128	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	8	0.25	0.369	0.8	0.05	0.084	0.289	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	7	4.1	4.371	7.	3.	1.832	1.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	7	91.	97.571	136.	80.	413.286	20.329	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	7	14.	17.571	34.	10.	76.286	8.734	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	7	25.	31.143	55.	22.	132.476	11.51	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9###	50.	66.667	200.	50.	2500.	50.	50.	50.	50.	200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	9###	1.699	1.766	2.301	1.699	0.04	0.201	1.699	1.699	1.699	2.301
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			58.326								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	8	0.125	0.3	0.78	0.01	0.092	0.303	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0055 Parameter Code: 00094

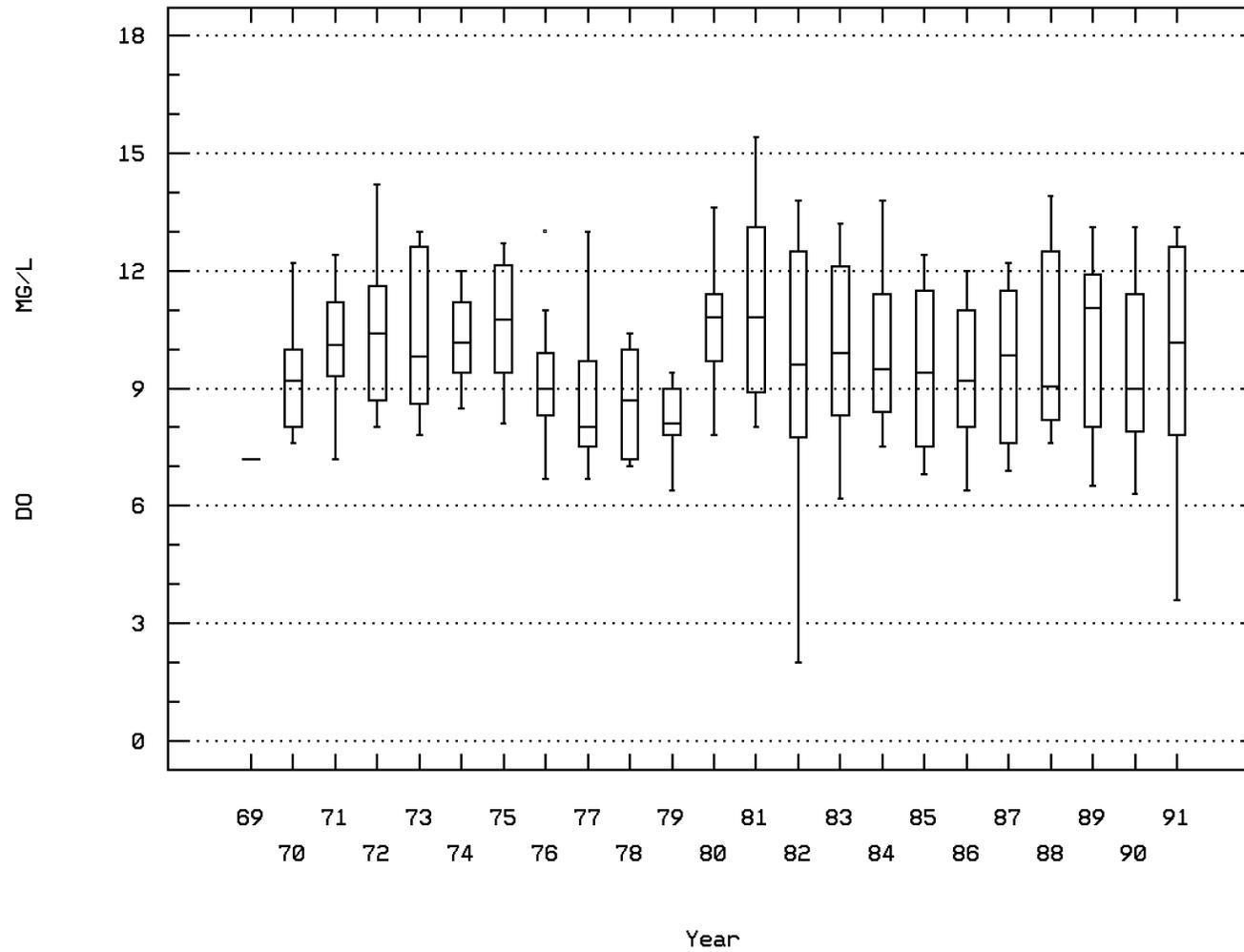
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00300

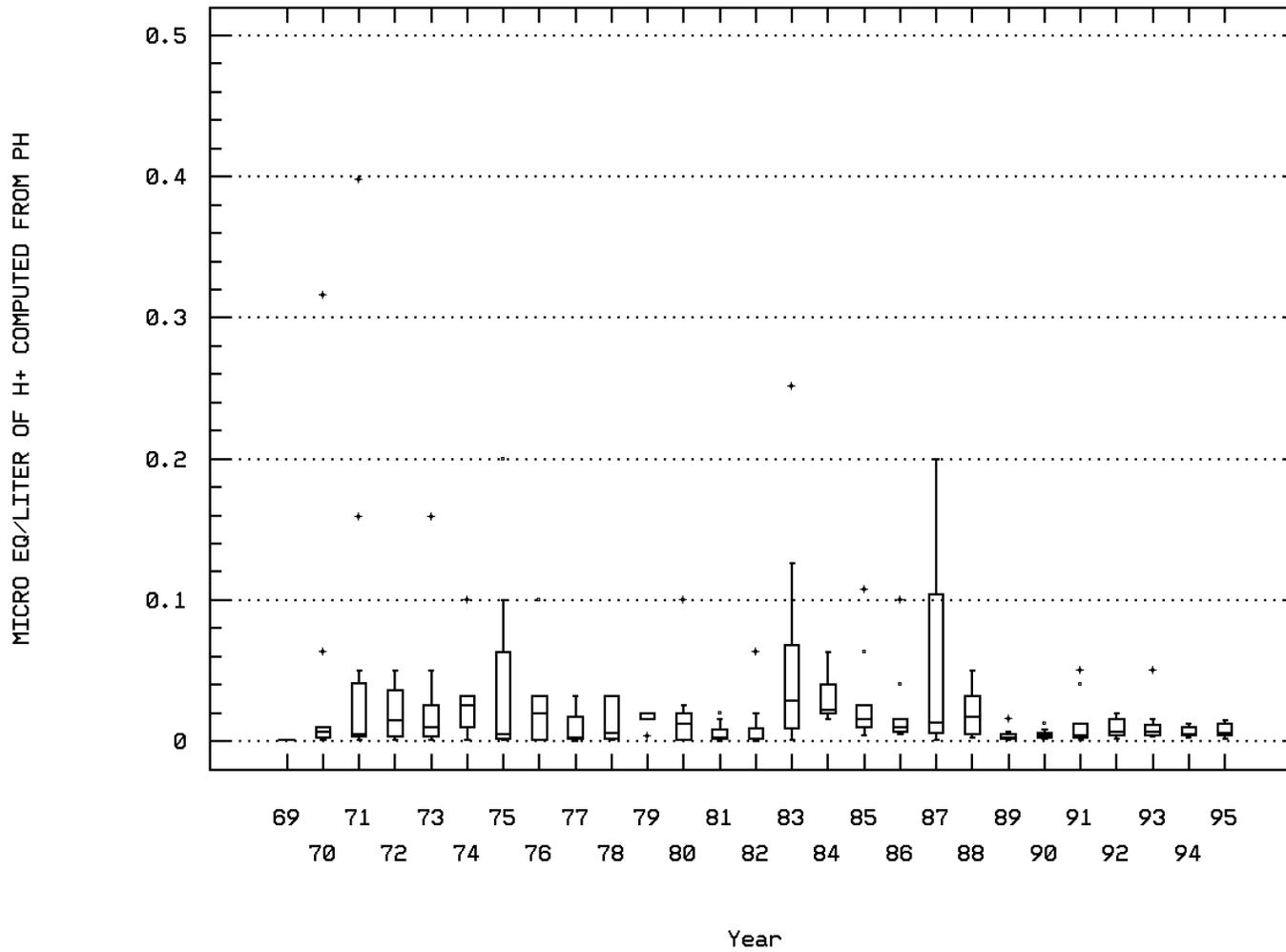
OXYGEN, DISSOLVED



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00400

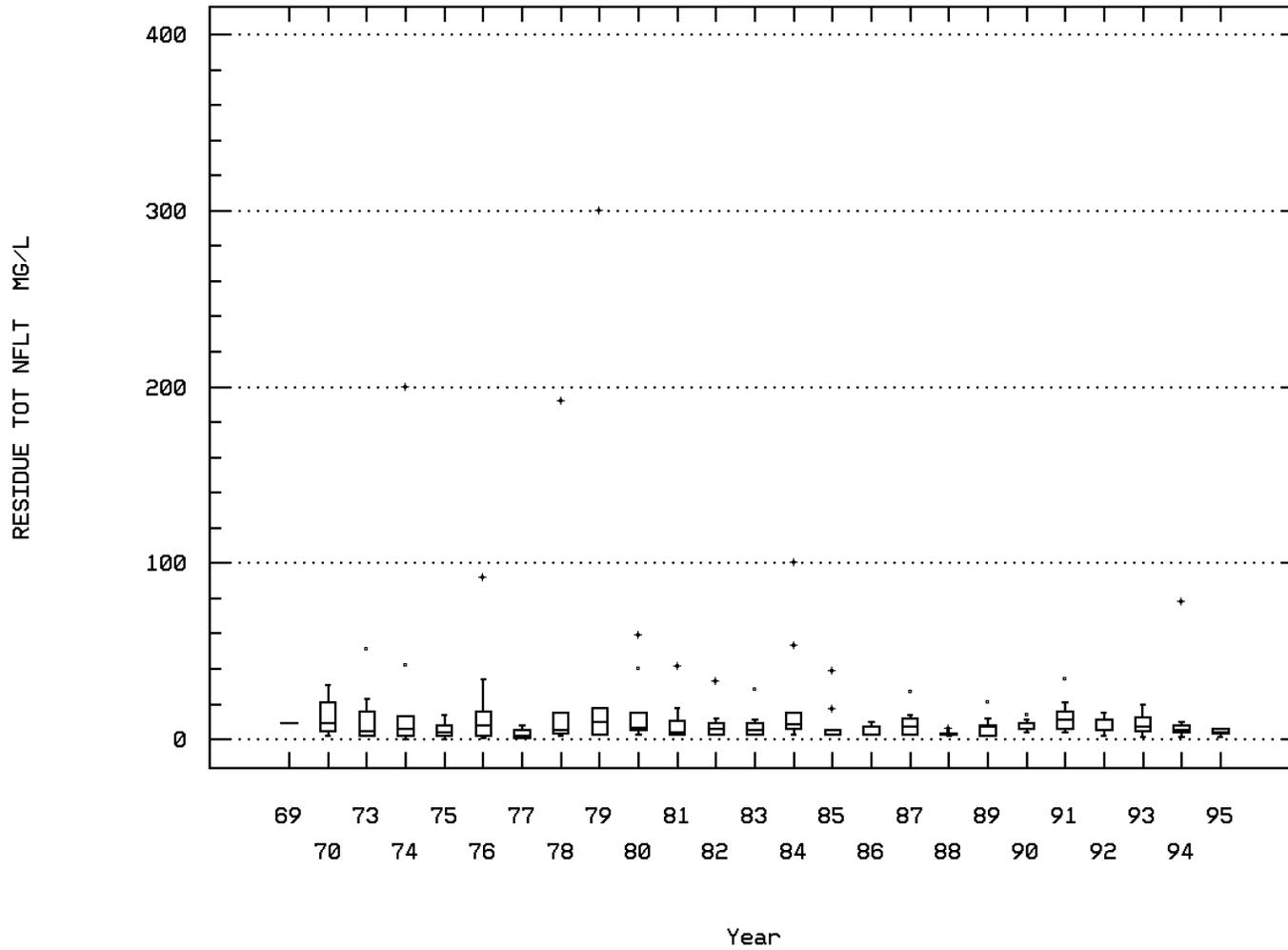
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00530

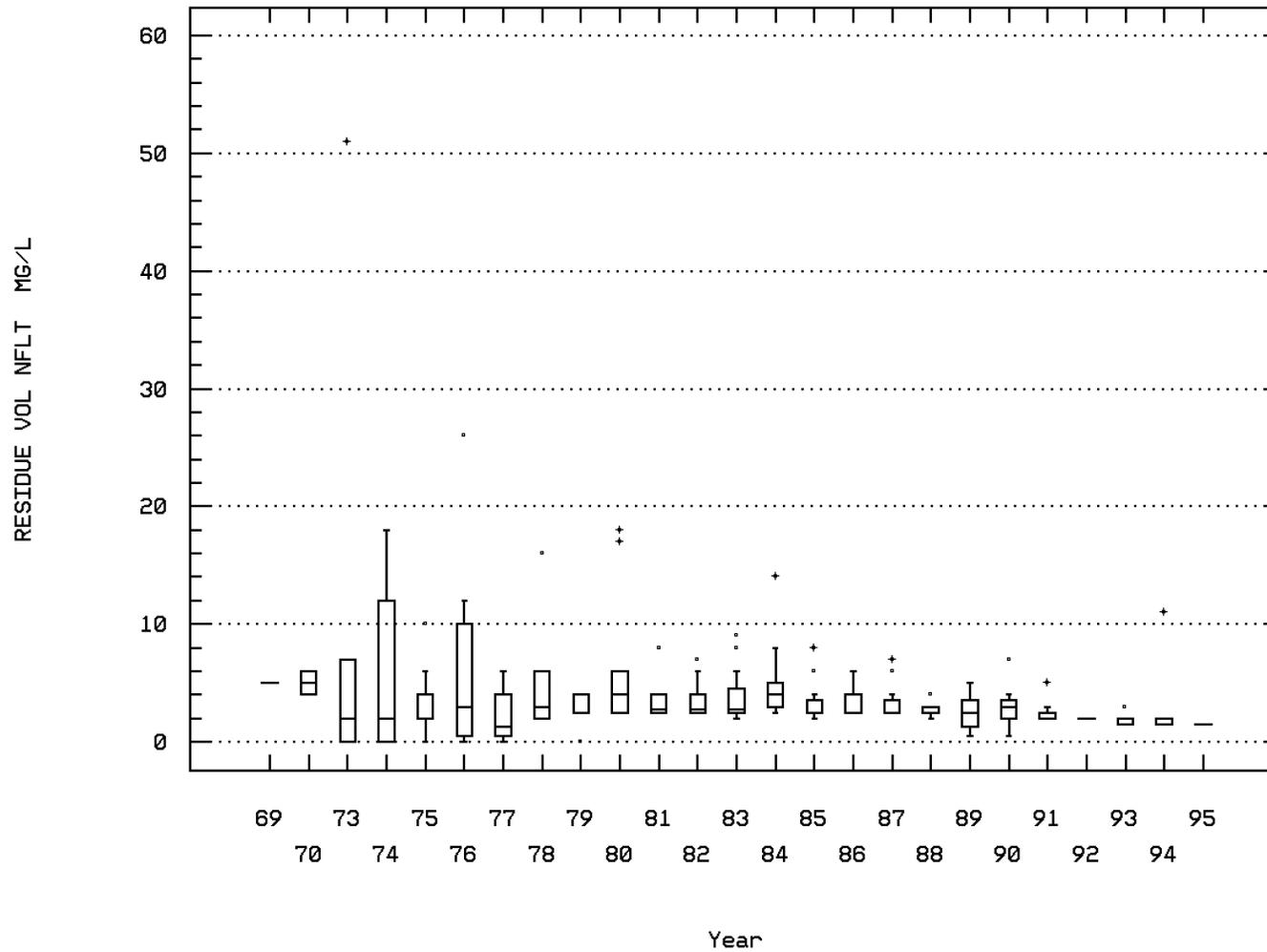
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00535

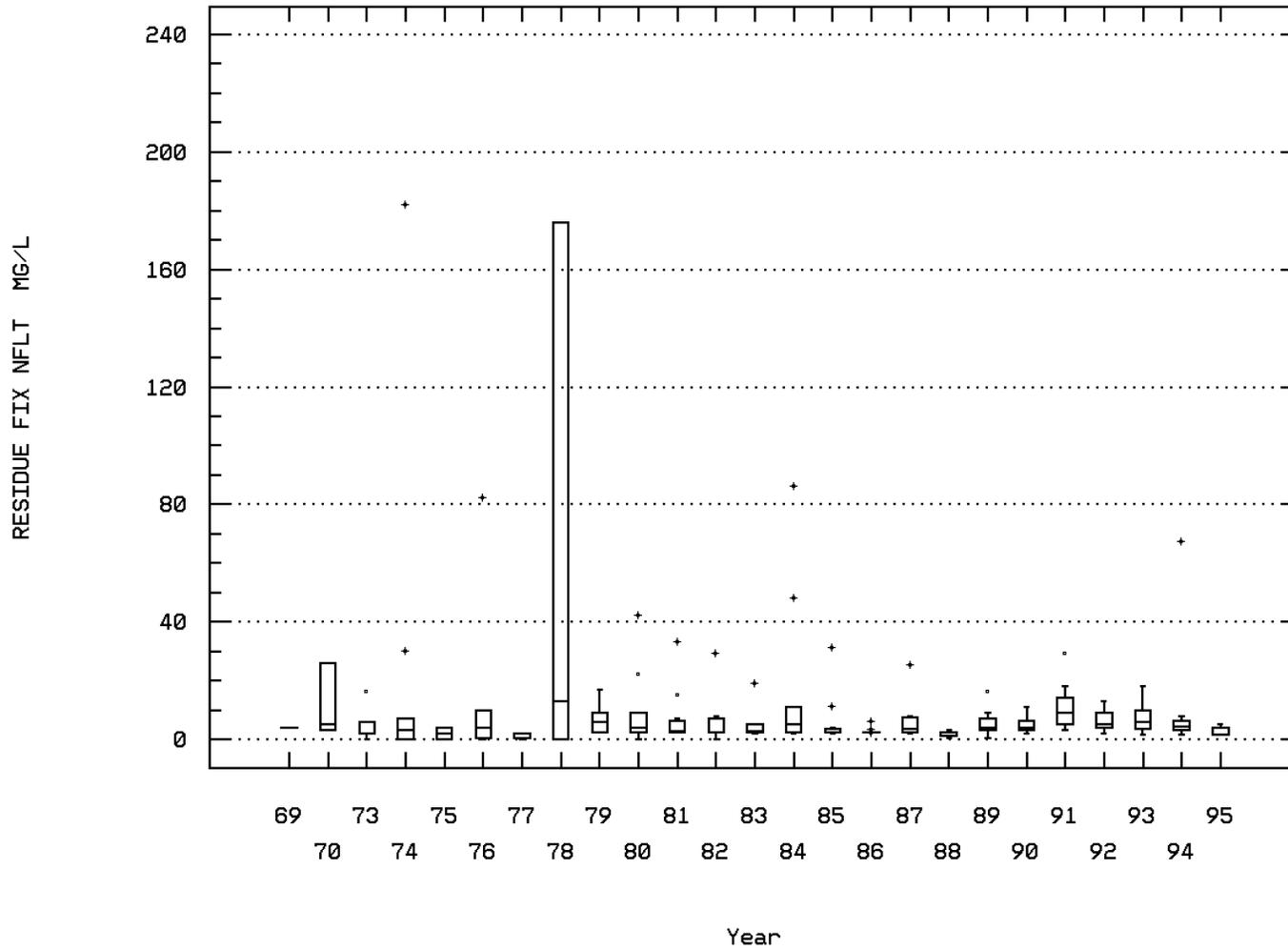
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00540

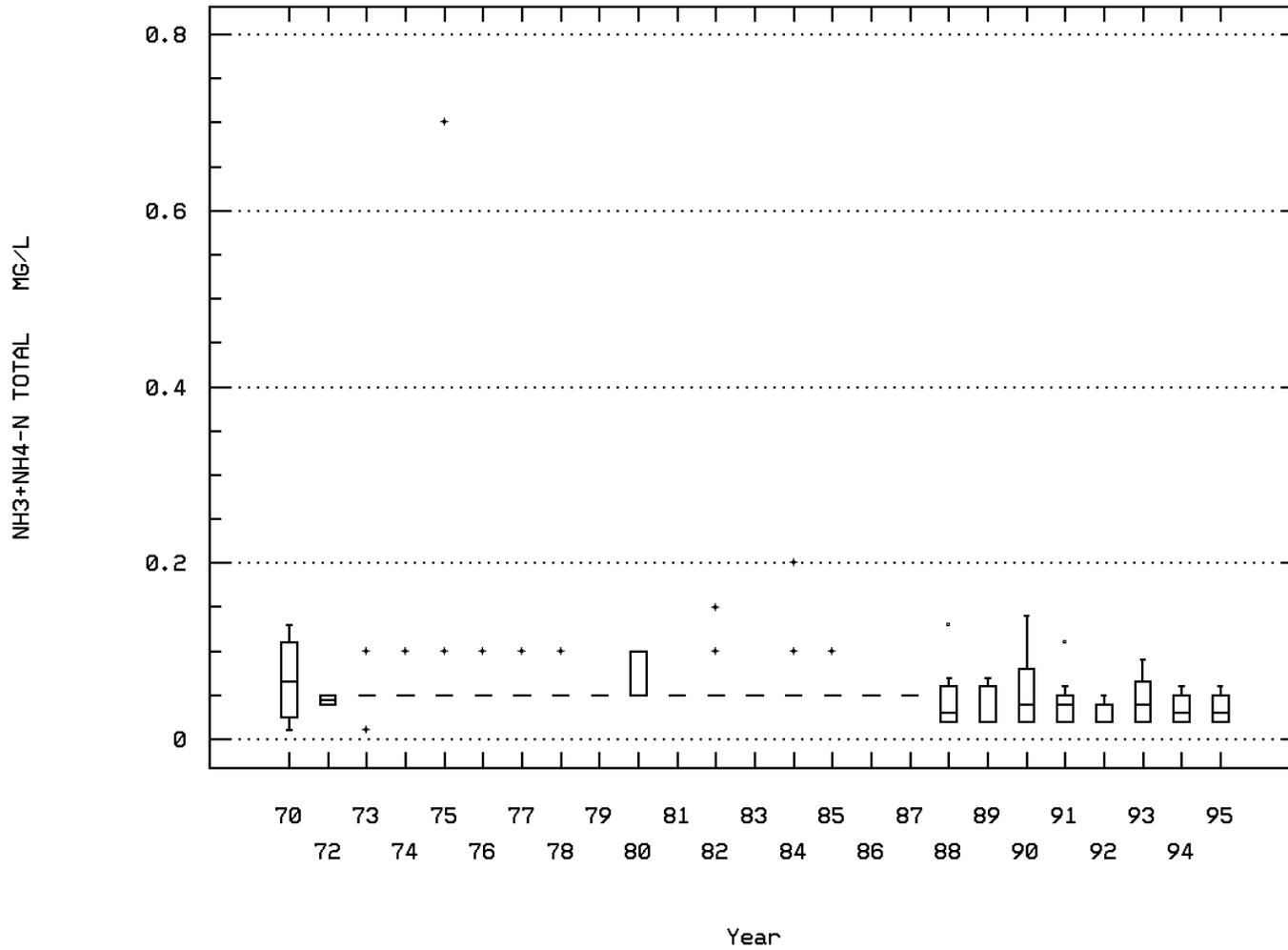
RESIDUE, FIXED NONFILTRABLE (MG/L)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00610

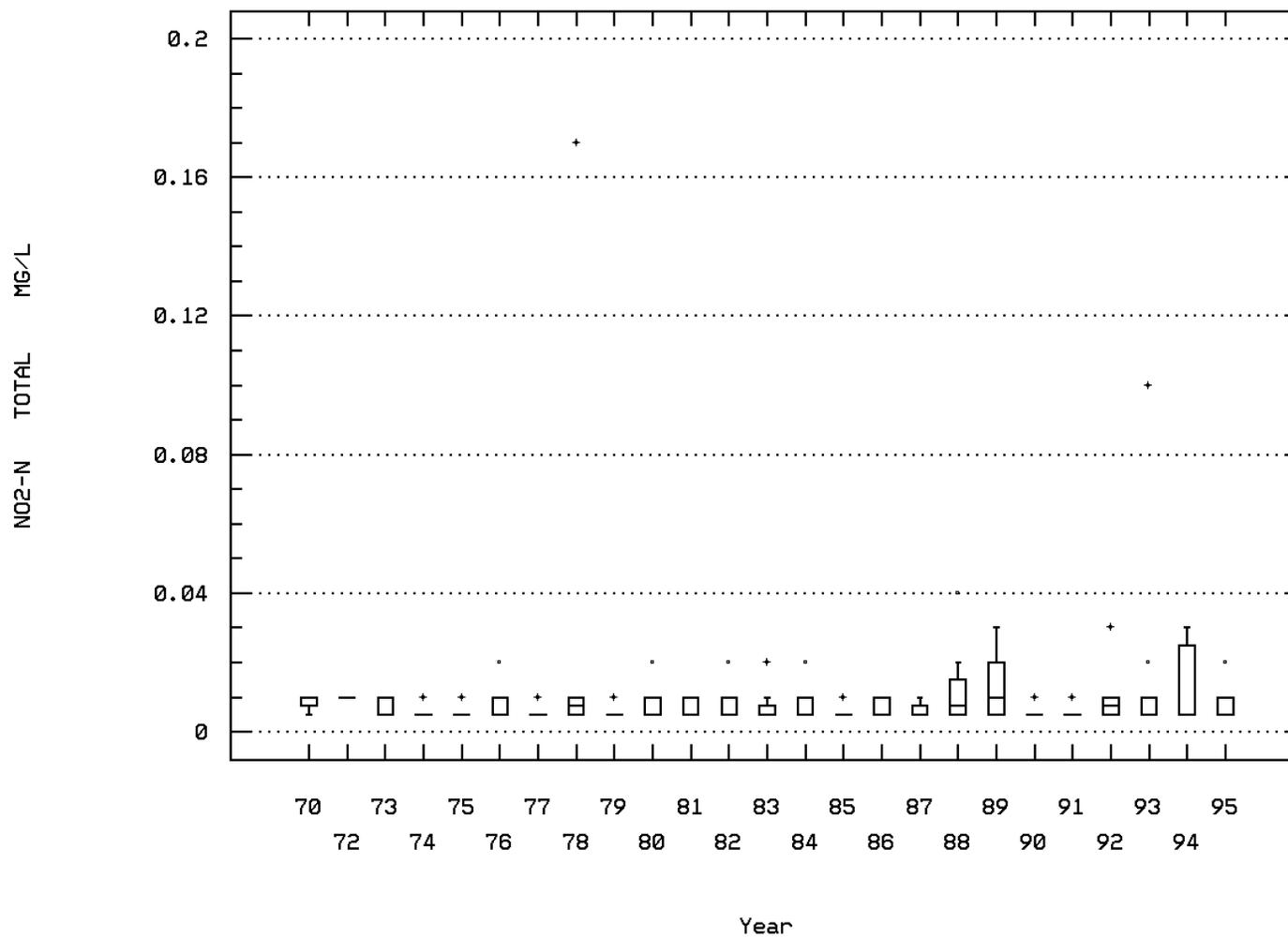
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00615

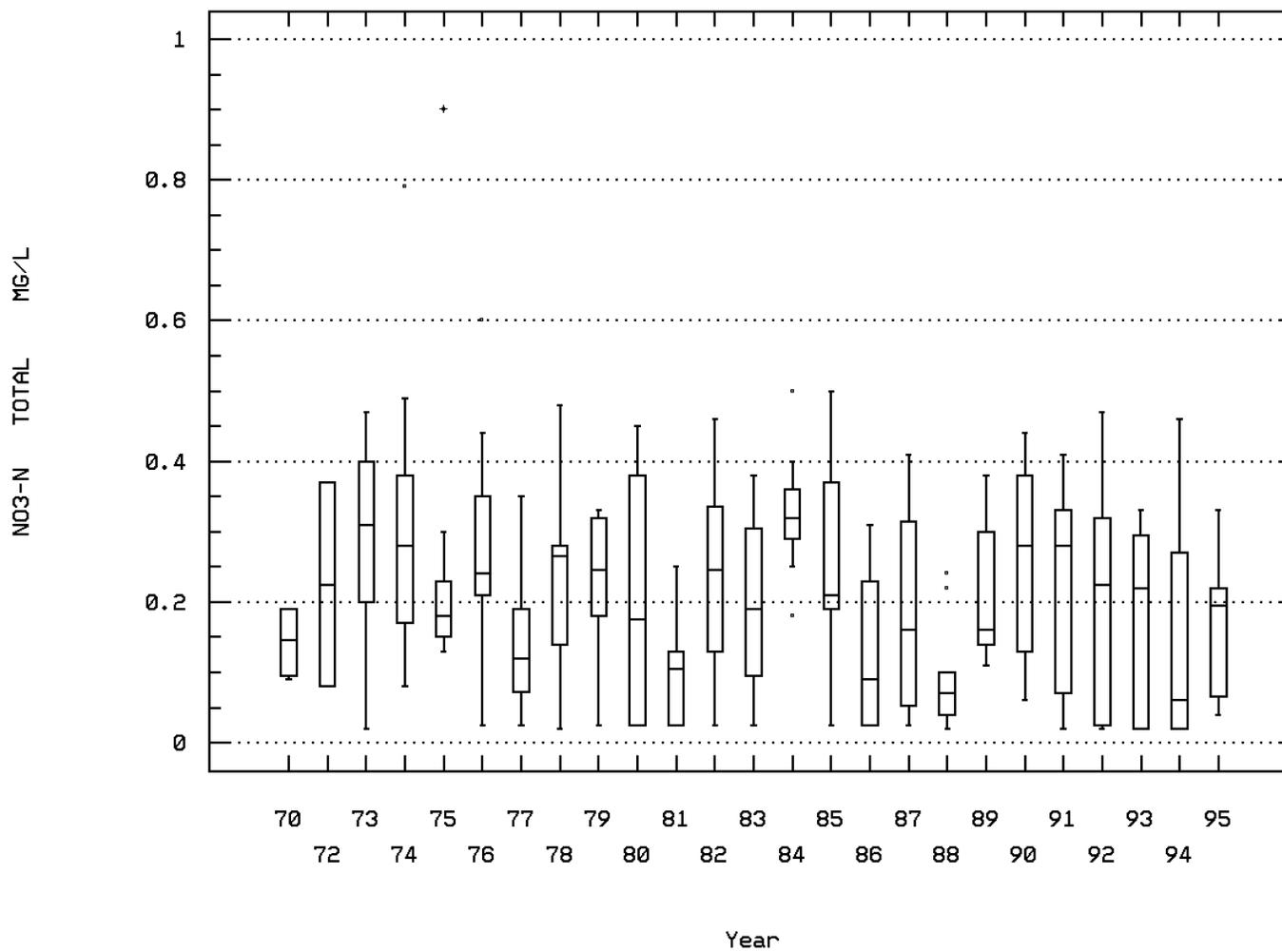
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00620

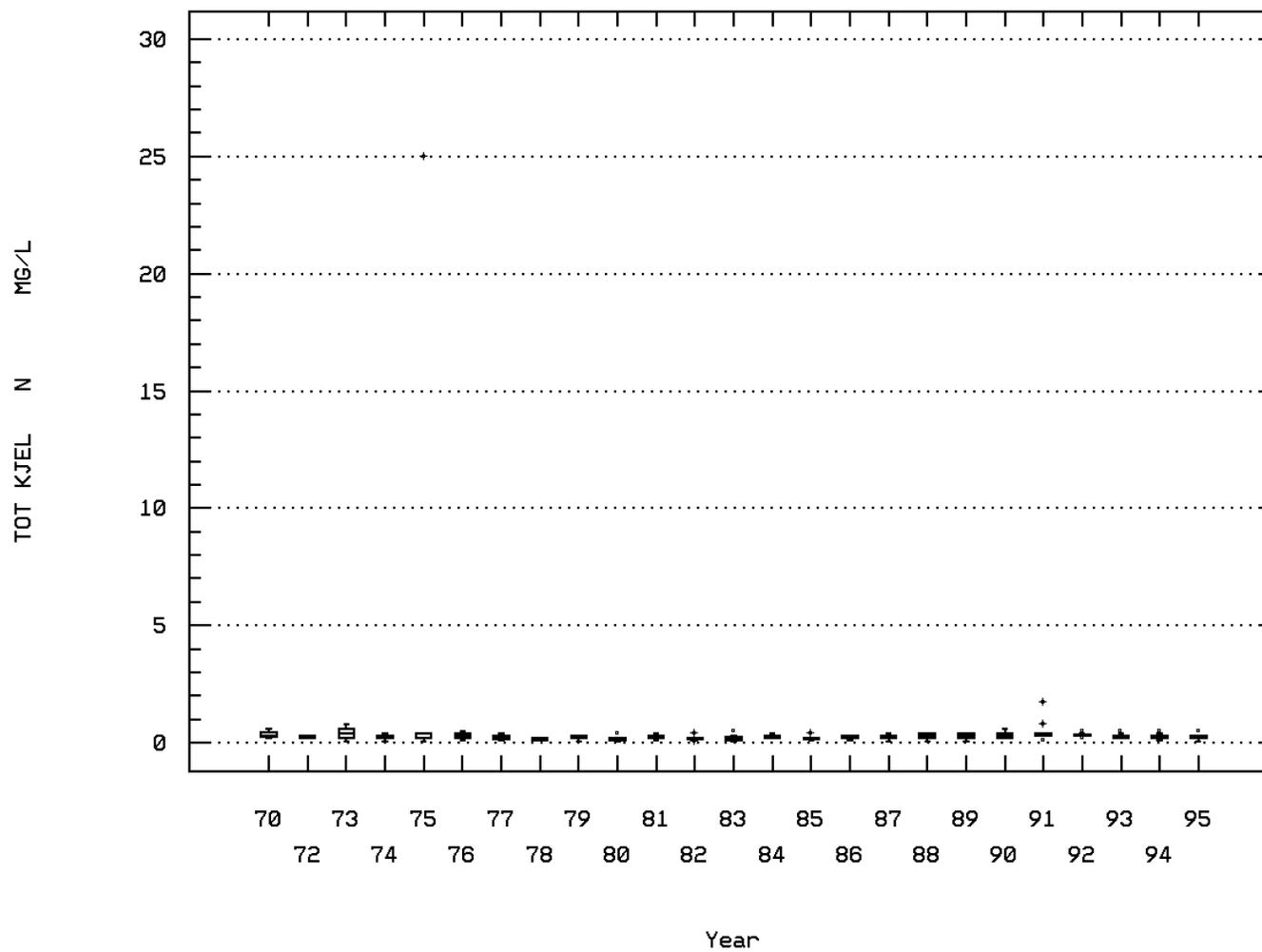
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 00625

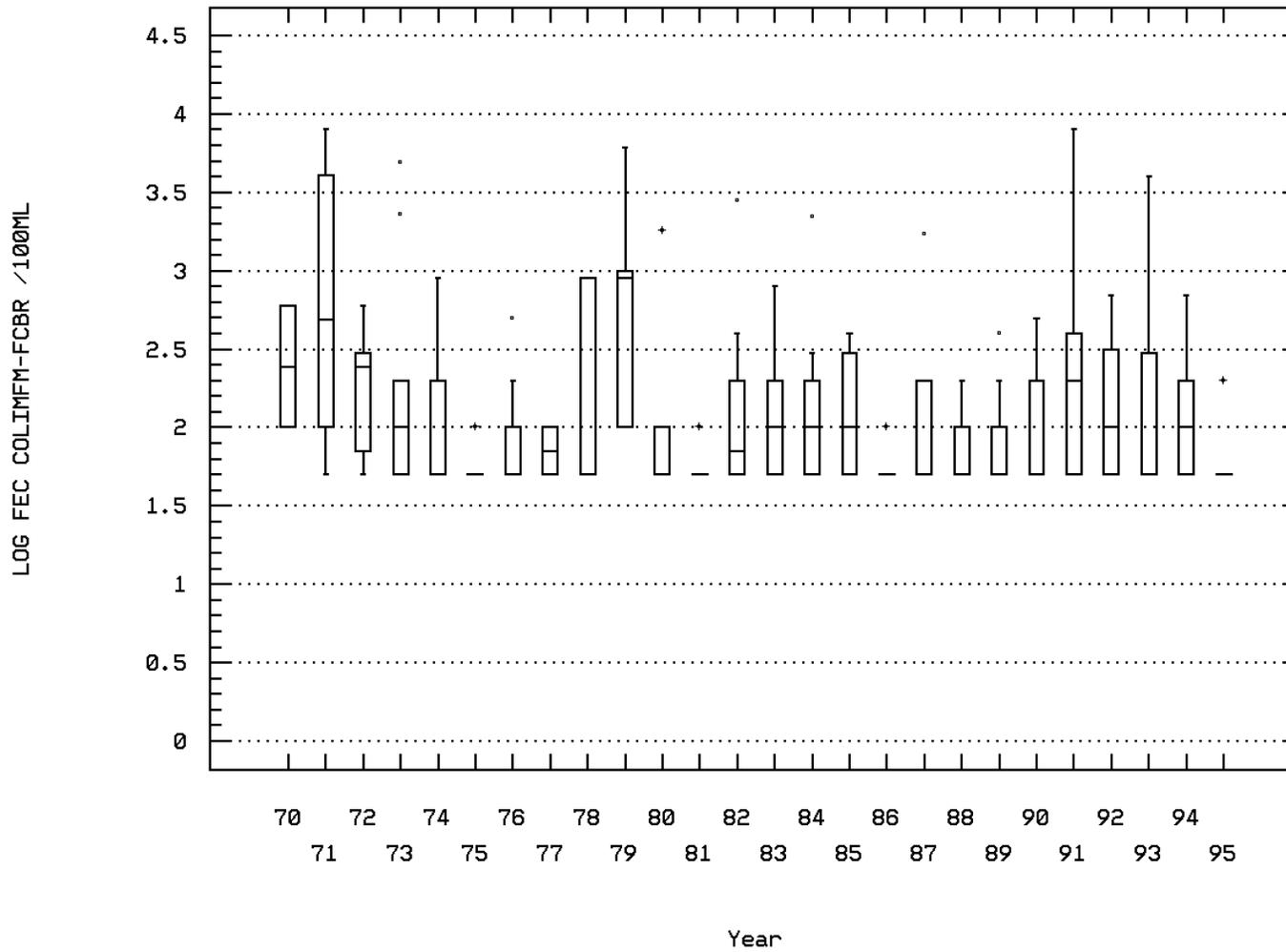
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 501 BRIDGE, SE OF GLASGOW

Station: BLRI0055 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



RT. 501 BRIDGE, SE OF GLASGOW

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	81	24.2	22.82	33.7	2.2	36.743	6.062	17.36	20.4	26.5	27.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-06/18/92	9	4.7	5.256	11.	2.7	7.658	2.767	2.7	3.1	7.	11.
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	17	28.	30.412	57.	12.	132.382	11.506	17.6	23.5	35.5	55.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	57	340.	332.368	490.	125.	6690.344	81.795	210.	282.5	387.5	442.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	17	395.	386.118	458.	232.	3214.11	56.693	296.8	363.	427.	448.4
00300	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	68	8.15	8.272	13.	2.	2.521	1.588	6.77	7.6	9.175	10.11
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	54	1.	1.404	5.	0.5	0.734	0.857	0.5	1.	2.	2.5
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	56	12.	12.625	26.	1.	30.82	5.552	5.7	8.25	16.75	20.
00400	PH (STANDARD UNITS)	09/30/69-10/18/95	80	8.41	8.363	9.8	7.	0.291	0.54	7.7	8.	8.7	9.
00400	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	80	8.41	8.023	9.8	7.	0.409	0.639	7.7	8.	8.7	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	80	0.004	0.009	0.1	0.	0.	0.016	0.001	0.002	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	36	8.2	8.147	8.4	7.4	0.062	0.249	7.78	8.1	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	36	8.2	8.054	8.4	7.4	0.071	0.266	7.78	8.1	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	36	0.006	0.009	0.04	0.004	0.	0.008	0.004	0.005	0.008	0.018
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	34	103.5	103.412	221.	10.	808.674	28.437	80.	98.5	110.25	116.5
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	38	249.5	251.421	516.	148.	4905.548	70.04	175.8	217.	270.	293.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	38	40.	51.684	267.	0.	1853.141	43.048	17.3	29.75	65.5	88.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	38	196.	192.579	428.	22.	3453.656	58.768	125.8	160.	219.25	231.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	70	6.	15.007	300.	0.	1877.576	43.331	2.	2.5	9.	14.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	70	2.5	3.221	18.	0.	9.092	3.015	1.	1.	4.	6.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	70	3.	8.05	182.	0.	561.103	23.688	1.	2.	6.	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	68 ##	0.05	0.056	0.14	0.02	0.001	0.023	0.04	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	69 ##	0.005	0.007	0.03	0.005	0.	0.005	0.005	0.005	0.008	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	69	0.12	0.157	0.79	0.02	0.02	0.143	0.02	0.025	0.245	0.34
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	68	0.3	0.321	0.8	0.1	0.019	0.137	0.2	0.2	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	50	0.2	0.354	1.3	0.05	0.082	0.287	0.1	0.188	0.5	0.8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	40	0.21	0.332	1.2	0.04	0.085	0.291	0.064	0.12	0.485	0.795
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	57	5.	5.596	16.	1.	5.837	2.416	3.	4.	6.25	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	31	136.	135.258	156.	90.	200.798	14.17	120.8	128.	145.	153.6
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	17	28.	33.059	130.	8.	676.559	26.011	14.4	24.5	33.5	55.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	16	52.5	49.063	64.	17.	156.063	12.492	28.9	41.25	57.75	64.
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	12	0.105	0.097	0.15	0.05	0.002	0.043	0.05	0.05	0.14	0.15
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/21/92	14 ##	1.25	3.036	10.	0.5	11.018	3.319	0.5	0.875	5.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/22/70-07/21/92	16 ##	4.	3.219	5.	0.5	4.032	2.008	0.5	0.625	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	17 ##	5.	7.765	30.	0.5	54.785	7.402	0.5	5.	10.	22.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	16 ##	5.	6.25	10.	5.	5.	2.236	5.	5.	8.75	10.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	17	5.	6.559	20.	1.5	21.309	4.616	1.9	3.	10.	12.
01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	9	10.	12.222	50.	5.	206.944	14.386	5.	5.	10.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	17	10.	36.765	380.	5.	7931.066	89.057	5.	10.	25.	108.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	75 ##	50.	460.	8000.	50.	2143243.243	1463.982	50.	50.	100.	780.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	75 ##	1.699	2.04	3.903	1.699	0.292	0.54	1.699	1.699	2.	2.889
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/05/88-08/16/95			109.677								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	10	0.5	0.51	0.7	0.4	0.012	0.11	0.4	0.4	0.6	0.69
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	18	0.1	0.128	0.3	0.05	0.007	0.084	0.05	0.05	0.2	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	29	0.1	0.17	0.78	0.05	0.03	0.174	0.05	0.055	0.205	0.33
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	17 ##	0.25	0.215	0.3	0.15	0.003	0.058	0.15	0.15	0.25	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	129	7.2	7.967	19.5	0.	20.339	4.51	2.2	4.6	10.8	15.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-06/18/92	21	3.3	7.014	34.	0.8	68.125	8.254	1.58	2.3	8.6	22.
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	35	31.	33.857	73.	2.	317.008	17.805	14.2	19.	50.	60.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	88	147.5	176.364	420.	14.	7544.395	86.858	90.	110.	223.75	326.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	37	247.	277.135	572.	138.	13717.787	117.123	154.	195.5	303.	492.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	105	11.4	11.345	15.4	6.7	2.527	1.59	9.12	10.2	12.5	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	86	1.55	1.688	4.	0.5	0.722	0.85	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	87	11.	11.741	41.	2.	35.528	5.961	7.	15.	18.	18.
00400	PH (STANDARD UNITS)	09/30/69-10/18/95	128	7.975	7.932	9.7	6.4	0.444	0.666	7.	7.5	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	128	7.974	7.461	9.7	6.4	0.667	0.817	7.	7.5	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	128	0.011	0.035	0.398	0.	0.004	0.061	0.002	0.003	0.032	0.1
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	49	7.9	7.873	8.5	7.	0.162	0.402	7.3	7.5	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	49	7.9	7.687	8.5	7.	0.198	0.444	7.3	7.5	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	49	0.013	0.021	0.1	0.003	0.	0.021	0.004	0.006	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	49	82.	83.061	131.	36.	563.934	23.747	54.	67.	96.	121.
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	65	146.	167.108	370.	11.	4979.66	70.567	104.	121.	190.	276.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	65	34.	37.554	90.	1.	279.751	16.726	20.	26.	47.5	64.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	65	108.	131.077	320.	55.	3763.51	61.347	74.6	90.	153.	237.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	110	4.	8.436	78.	0.	146.468	12.102	2.	2.5	8.	17.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	109	2.5	3.243	51.	0.	28.017	5.293	1.	1.	3.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	110	2.5	5.859	67.	0.	90.973	9.538	0.55	1.5	5.25	14.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	112 ##	0.05	0.052	0.7	0.01	0.005	0.067	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	112 ##	0.005	0.008	0.03	0.005	0.	0.005	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	112	0.26	0.255	0.9	0.02	0.023	0.152	0.025	0.15	0.338	0.447
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	112	0.2	0.438	25.	0.05	5.494	2.344	0.1	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	84	0.1	0.199	0.8	0.05	0.031	0.176	0.05	0.1	0.283	0.45
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	66	0.11	0.173	0.8	0.02	0.03	0.173	0.037	0.05	0.23	0.413
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	85	4.	4.084	10.	0.5	3.46	1.86	2.	2.55	5.	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	46	98.	104.826	170.	58.	990.68	31.475	67.4	80.75	132.	157.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	39	13.	17.564	51.	4.	173.41	13.169	4.	6.	27.	40.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	38	24.	31.737	103.	10.	500.145	22.364	11.	18.	34.5	71.1
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	26 ##	0.075	0.104	0.25	0.05	0.005	0.067	0.05	0.05	0.15	0.25
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/21/92	3 ##	2.5	2.	2.5	1.	0.75	0.866	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/22/70-07/21/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	9 ##	5.	7.778	20.	5.	25.694	5.069	5.	5.	10.	20.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	9 ##	5.	6.222	20.	1.	28.444	5.333	1.	5.	5.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	9 ##	5.	10.556	30.	5.	77.778	8.819	5.	5.	15.	30.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	122 ##	75.	254.508	7800.	50.	619091.078	786.823	50.	50.	200.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	122 ##	1.849	2.027	3.892	1.699	0.19	0.436	1.699	1.699	2.301	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			106.41								
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	20	0.6	0.615	1.4	0.2	0.133	0.365	0.2	0.3	0.9	1.19
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	28 ##	0.05	0.21	3.8	0.025	0.499	0.706	0.05	0.05	0.1	0.21
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	46	0.05	0.165	3.699	0.005	0.293	0.541	0.01	0.03	0.12	0.21
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/69-10/18/95	72	18.	18.278	27.7	7.9	25.938	5.093	10.69	15.	22.3	25.45
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-06/18/92	15	5.3	6.1	15.	1.	15.464	3.932	1.6	3.4	8.6	13.56
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/88-08/16/95	20	22.	23.5	67.	1.	203.211	14.255	2.9	14.	29.25	37.9
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/79-10/18/95	48	202.	194.271	343.	11.	5672.372	75.315	110.	138.25	229.	319.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/02/89-08/16/95	19	232.	237.579	343.	144.	4167.924	64.559	156.	178.	290.	330.
00300	OXYGEN, DISSOLVED MG/L	09/30/69-11/07/91	61	9.	9.154	13.	6.4	2.536	1.593	7.22	7.85	10.25	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	09/30/69-08/16/95	49	1.	1.584	4.	0.5	0.679	0.824	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/10/79-08/16/95	49	9.	8.571	21.	0.5	15.24	3.904	2.5	6.5	10.5	13.
00400	PH (STANDARD UNITS)	09/30/69-10/18/95	72	8.	8.094	9.5	7.	0.312	0.558	7.33	7.725	8.445	8.87
00400	CONVERTED PH (STANDARD UNITS)	09/30/69-10/18/95	72	8.	7.793	9.5	7.	0.404	0.635	7.33	7.725	8.445	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-10/18/95	72	0.01	0.016	0.1	0.	0.	0.021	0.001	0.004	0.019	0.047

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	09/30/69-08/16/95	30	7.85	7.837	8.4	7.1	0.098	0.312	7.5	7.6	8.1	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/69-08/16/95	30	7.847	7.727	8.4	7.1	0.11	0.332	7.5	7.6	8.1	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-08/16/95	30	0.014	0.019	0.079	0.004	0.	0.015	0.005	0.008	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/69-08/16/95	29	71.	73.241	104.	33.	282.333	16.803	54.	64.	87.5	96.
00500	RESIDUE, TOTAL (MG/L)	09/30/69-08/16/95	38	159.	431.789	10310.	100.	2710828.009	1646.459	107.7	122.75	204.5	249.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/30/69-08/16/95	38	35.5	307.395	10030.	19.	2624499.326	1620.031	22.7	25.	62.25	97.1
00510	RESIDUE, TOTAL FIXED (MG/L)	09/30/69-08/16/95	38	114.	124.474	283.	76.	1694.959	41.17	81.8	94.25	145.5	172.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/69-08/16/95	65	7.	13.362	192.	0.	700.996	26.476	2.	3.	11.	27.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/30/69-08/16/95	65	2.5	3.7	26.	0.	18.842	4.341	0.8	1.5	4.	8.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/30/69-08/16/95	65	4.	10.023	176.	0.	575.152	23.982	1.	2.25	8.	18.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/16/95	65 ##	0.05	0.052	0.13	0.01	0.001	0.022	0.02	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	65 ##	0.005	0.012	0.17	0.005	0.001	0.024	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/16/95	65	0.17	0.183	0.47	0.02	0.013	0.114	0.025	0.1	0.265	0.35
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/16/95	63	0.3	0.298	1.7	0.05	0.046	0.214	0.1	0.2	0.3	0.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/79-08/16/95	45	0.1	0.164	0.6	0.05	0.018	0.133	0.05	0.05	0.2	0.34
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/79-06/18/92	37	0.07	0.112	0.48	0.005	0.011	0.105	0.02	0.045	0.15	0.274
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-08/16/95	48	4.	4.508	15.	1.	5.704	2.388	2.1	2.75	5.45	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/16/95	28	94.	95.286	126.	62.	352.434	18.773	67.6	80.5	111.5	124.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/02/87-08/16/95	22	9.	10.545	22.	3.	38.355	6.193	4.	5.75	15.	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/88-08/16/95	21	19.	20.81	39.	10.	83.662	9.147	11.2	13.5	28.5	35.8
00951	FLUORIDE, TOTAL (MG/L AS F)	06/17/85-04/19/93	14 ##	0.05	0.087	0.26	0.05	0.003	0.059	0.05	0.05	0.11	0.2
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/21/92	6 ##	1.	1.833	5.	0.5	2.867	1.693	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/22/70-07/21/92	7 ##	5.	4.857	10.	0.5	15.726	3.966	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/21/92	11 ##	5.	8.227	20.	0.5	40.568	6.369	1.4	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/21/92	11 ##	5.	10.455	40.	5.	117.273	10.829	5.	5.	10.	36.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/21/92	8	4.	5.75	10.	2.	13.071	3.615	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/02/81-07/21/92	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-07/21/92	11	10.	10.455	30.	5.	62.273	7.891	5.	5.	10.	28.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	68 ##	75.	473.529	8000.	50.	1530258.999	1237.036	50.	50.	200.	980.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	68 ##	1.849	2.116	3.903	1.699	0.331	0.575	1.699	1.699	2.301	2.982
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/22/70-10/18/95	68 ##	1.849	2.116	3.903	1.699	0.331	0.575	1.699	1.699	2.301	2.982
32240	TANNIN AND LIGNIN (MG/L)	10/05/88-08/16/95	11	0.4	0.364	0.6	0.2	0.015	0.121	0.2	0.3	0.4	0.58
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/27/78	18 ##	0.05	0.092	0.2	0.05	0.003	0.058	0.05	0.05	0.113	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/16/95	27	0.08	0.1	0.52	0.005	0.01	0.099	0.028	0.05	0.12	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/21/92	9 ##	0.25	0.367	1.7	0.15	0.253	0.502	0.15	0.15	0.25	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0056

NPS Station ID: BLRI0056
 Location: RT. 608 BRIDGE (ROCKBRIDGE COUNTY)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080202
 RF3 Index: 02080204001300.00

LAT/LON: 37.770559/ -79.381115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.41

Agency: 21VASWCB
 FIPS State/County: 51003 VIRGINIA/ALBEMARLE
 STORET Station ID(s): 2-STH000.21
 Within Park Boundary: No

Date Created: 07/27/91

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: SOUTH RIVER SECTION: 12A TOPO MAP #: 0047 TOPO MAP NAME: LEXINGTON, VA

Parameter Inventory for Station: BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/91-10/19/95	48	12.	12.827	28.4	0.	52.572	7.251	2.77	7.3	19.625	21.76
00070 TURBIDITY, (JACKSON CANDLE UNITS)	08/07/91-04/15/92	8	1.85	3.013	13.	0.5	16.801	4.099	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	15	1.9	2.027	4.5	0.4	1.456	1.207	0.64	0.9	2.9	4.14
00080 COLOR (PLATINUM-COBALT UNITS)	08/07/91-11/09/92	15	8.	10.467	41.	1.	87.267	9.342	2.2	6.	13.	26.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/91-09/11/95	48	232.5	231.188	312.	136.	2098.709	45.812	172.1	197.75	265.	295.3
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	40	10.8	10.985	15.8	8.1	3.35	1.83	8.91	9.5	12.3	13.67
00300 OXYGEN, DISSOLVED MG/L	08/07/91-04/15/92	8	10.95	11.663	15.	9.5	3.894	1.973	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	08/07/91-09/11/95	48	1.	1.075	5.	0.5	0.724	0.851	0.5	0.5	1.	2.
00340 COD, .25N K2CR2O7 MG/L	08/07/91-09/11/95	48	5.	5.323	25.	0.5	14.931	3.864	2.5	2.5	7.	9.
00400 PH (STANDARD UNITS)	08/07/91-10/19/95	48	8.4	8.26	9.3	7.	0.284	0.533	7.39	8.	8.6	8.91
00400 CONVERTED PH (STANDARD UNITS)	08/07/91-10/19/95	48	8.4	7.891	9.3	7.	0.424	0.651	7.39	8.	8.6	8.91
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/91-10/19/95	48	0.004	0.013	0.1	0.001	0.	0.022	0.001	0.003	0.01	0.041
00403 PH, LAB, STANDARD UNITS SU	08/07/91-09/11/95	47	8.	7.962	8.8	7.	0.141	0.375	7.46	7.8	8.2	8.4
00403 CONVERTED PH, LAB, STANDARD UNITS	08/07/91-09/11/95	47	8.	7.786	8.8	7.	0.172	0.415	7.46	7.8	8.2	8.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/91-09/11/95	47	0.01	0.016	0.1	0.002	0.	0.019	0.004	0.006	0.016	0.035
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/07/91-09/11/95	47	101.	103.809	145.	0.	876.245	29.601	66.8	86.	128.	139.2
00500 RESIDUE, TOTAL (MG/L)	08/07/91-08/05/92	12	139.	139.75	174.	86.	588.023	24.249	96.2	126.5	157.25	174.
00505 RESIDUE, TOTAL VOLATILE (MG/L)	08/07/91-08/05/92	12	30.	31.583	46.	17.	74.629	8.639	18.5	26.5	38.25	45.7
00510 RESIDUE, TOTAL FIXED (MG/L)	08/07/91-08/05/92	12	108.5	108.167	144.	69.	378.333	19.451	75.3	95.5	119.75	139.5
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/91-09/11/95	48 ##	1.5	2.833	35.	1.	31.163	5.582	1.5	1.5	1.5	3.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/07/91-09/11/95	48 ##	1.5	1.5	3.	0.	0.17	0.413	1.	1.5	1.5	1.5
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	08/07/91-09/11/95	48 ##	1.5	2.646	33.	1.	25.457	5.045	1.5	1.5	1.5	2.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/91-09/11/95	48 ##	0.02	0.024	0.07	0.02	0.	0.012	0.02	0.02	0.02	0.023
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/91-09/11/95	48 ##	0.005	0.008	0.04	0.005	0.	0.008	0.005	0.005	0.005	0.02
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/91-09/11/95	48	0.36	0.387	0.95	0.07	0.044	0.211	0.109	0.213	0.54	0.647
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/91-09/11/95	48	0.1	0.133	0.4	0.05	0.006	0.075	0.05	0.1	0.2	0.2
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/07/91-09/11/95	48 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/91-04/15/92	8 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/91-09/11/95	48	1.65	1.742	4.4	0.5	0.737	0.858	0.5	1.3	2.1	2.86
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/07/91-09/11/95	48	115.	115.167	162.	62.	648.057	25.457	77.8	96.5	136.	148.4
00940 CHLORIDE, TOTAL IN WATER MG/L	08/07/91-09/11/95	47	5.	4.979	7.	2.	1.326	1.151	3.8	4.	6.	7.
00945 SULFATE, TOTAL (MG/L AS SO4)	08/07/91-09/11/95	47	5.	5.064	7.	4.	0.365	0.604	4.	5.	5.	6.
00951 FLUORIDE, TOTAL (MG/L AS F)	08/07/91-11/09/92	12 ##	0.13	0.118	0.25	0.05	0.004	0.061	0.05	0.05	0.15	0.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/91-11/09/92	14	7.35	7.393	10.9	4.	3.025	1.739	4.6	6.3	8.3	10.2
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/91-07/10/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/91-07/10/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/91-07/10/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/91-07/10/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/10/91-07/10/91	1	17.	17.	17.	17.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/91-10/19/95	47	100.	272.34	6500.	50.	881718.316	938.999	50.	50.	200.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/91-10/19/95	47	2.	2.019	3.813	1.699	0.185	0.43	1.699	1.699	2.301	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				104.38								
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/10/91-07/10/91	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/10/91-07/10/91	1##	250.	250.	250.	250.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/10/91-07/10/91	1##	250.	250.	250.	250.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-09/11/95	40##	0.008	0.01	0.02	0.005	0.006	0.005	0.005	0.005	0.01	0.02
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/91-07/10/91	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/10/91-07/10/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	25	1.	1.844	21.	0.2	16.219	4.027	0.5	0.7	1.35	2.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0056

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	7	0	0.00	5	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	0	0.00	13	0	0.00	16	0	0.00	11	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	48	4	0.08	16	0	0.00	20	3	0.15	12	1	0.08			
		Other-Lo Lim.	6.5	48	0	0.00	16	0	0.00	20	0	0.00	12	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	47	0	0.00	17	0	0.00	18	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	47	0	0.00	17	0	0.00	18	0	0.00	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	48	0	0.00	18	0	0.00	18	0	0.00	12	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	48	0	0.00	18	0	0.00	18	0	0.00	12	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	47	0	0.00	18	0	0.00	18	0	0.00	11	0	0.00			
		Drinking Water	250.	47	0	0.00	18	0	0.00	18	0	0.00	11	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	47	0	0.00	18	0	0.00	18	0	0.00	11	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	47	12	0.26	17	5	0.29	19	5	0.26	11	2	0.18			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	25	0	0.00	8	0	0.00	9	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	4	16.35	16.575	23.2	10.4	41.789	6.464	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	287.	269.75	298.	207.	1777.583	42.161	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	4	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	4	10.	13.	25.	7.	66.667	8.165	**	**	**	**
00400	PH (STANDARD UNITS)	4	8.03	7.89	8.2	7.3	0.162	0.402	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	4	8.029	7.726	8.2	7.3	0.198	0.444	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.009	0.019	0.05	0.006	0.	0.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	3	8.1	8.133	8.2	8.1	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	8.1	8.131	8.2	8.1	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.008	0.007	0.008	0.006	0.	0.001	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4###	1.5	4.875	15.	1.5	45.563	6.75	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	4###	1.5	1.875	3.	1.5	0.563	0.75	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	4###	1.5	4.125	12.	1.5	27.563	5.25	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4###	0.02	0.028	0.05	0.02	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	4###	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	4	0.38	0.385	0.54	0.24	0.02	0.143	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	4	0.2	0.25	0.4	0.2	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	4###	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	4	1.8	1.925	2.8	1.3	0.456	0.675	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	4	143.	136.	162.	96.	797.333	28.237	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	4	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	4	5.	5.5	7.	5.	1.	1.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	4###	75.	1675.	6500.	50.	10347500.	3216.753	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	4###	1.849	2.303	3.813	1.699	1.034	1.017	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			200.777								
	GEOMETRIC MEAN =			200.777								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	11.25	12.342	25.5	2.3	55.726	7.465	2.66	6.125	19.575	24.27
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11	245.	231.818	295.	150.	1617.364	40.216	158.8	204.	259.	289.4
00310	BOD, 5 DAY, 20 DEG C MG/L	11	1.	1.136	4.	0.5	1.105	1.051	0.5	0.5	1.	3.6
00340	COD, .25N K2CR2O7 MG/L	11	5.	4.864	10.	0.5	9.705	3.115	0.6	2.	7.	9.8
00400	PH (STANDARD UNITS)	12	8.5	8.305	9.1	7.	0.459	0.677	7.033	8.025	8.838	9.07
00400	CONVERTED PH (STANDARD UNITS)	12	8.489	7.744	9.1	7.	0.802	0.895	7.033	8.025	8.837	9.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.003	0.018	0.1	0.001	0.001	0.034	0.001	0.002	0.009	0.093
00403	PH, LAB, STANDARD UNITS SU	11	8.2	8.145	8.3	7.9	0.017	0.129	7.92	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	11	8.2	8.127	8.3	7.9	0.017	0.131	7.92	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.006	0.007	0.013	0.005	0.	0.002	0.005	0.006	0.01	0.012
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	1.5	4.682	35.	1.	101.614	10.08	1.	1.	3.	28.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11	1.5	1.227	2.	0.	0.268	0.518	0.2	1.	1.5	1.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11###	1.5	4.409	33.	1.	89.991	9.486	1.1	1.5	2.	26.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11###	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11###	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0.33	0.341	0.64	0.07	0.045	0.212	0.076	0.12	0.54	0.632
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11	0.1	0.127	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11###	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11	1.3	1.264	2.2	0.5	0.343	0.585	0.5	0.5	1.7	2.12
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11	116.	115.182	152.	78.	419.764	20.488	81.2	100.	129.	148.8
00940	CHLORIDE, TOTAL IN WATER MG/L	10	4.	3.9	5.	3.	0.544	0.738	3.	3.	4.25	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	10	5.	4.7	6.	4.	0.456	0.675	4.	4.	5.	5.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10	100.	100.	300.	50.	5555.556	74.536	50.	50.	100.	280.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10	2.	1.927	2.477	1.699	0.06	0.244	1.699	1.699	2.	2.429
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			84.586								
	GEOMETRIC MEAN =			84.586								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	13.4	12.909	28.4	4.	55.923	7.478	4.2	7.2	18.2	26.94
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	213.5	220.75	283.	144.	2039.114	45.157	150.	185.75	262.	280.6
00310	BOD, 5 DAY, 20 DEG C MG/L	12	1.	1.	2.	0.5	0.136	0.369	0.5	1.	1.	1.7
00340	COD, .25N K2CR2O7 MG/L	12	4.5	5.125	9.	2.5	5.778	2.404	2.5	2.625	7.75	8.7
00400	PH (STANDARD UNITS)	11	7.8	7.868	8.5	7.1	0.199	0.446	7.16	7.5	8.35	8.48
00400	CONVERTED PH (STANDARD UNITS)	11	7.8	7.668	8.5	7.1	0.243	0.493	7.16	7.5	8.35	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.016	0.021	0.079	0.003	0.001	0.023	0.003	0.004	0.032	0.072
00403	PH, LAB, STANDARD UNITS SU	12	8.2	8.167	8.8	7.2	0.184	0.429	7.38	7.925	8.475	8.74
00403	CONVERTED PH, LAB, STANDARD UNITS	12	8.189	7.934	8.8	7.2	0.243	0.493	7.38	7.925	8.475	8.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.006	0.012	0.063	0.002	0.	0.017	0.002	0.003	0.012	0.049
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12###	0.02	0.024	0.07	0.02	0.	0.014	0.02	0.02	0.02	0.055
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.405	0.411	0.95	0.09	0.077	0.278	0.093	0.135	0.627	0.884
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.1	0.121	0.2	0.05	0.004	0.062	0.05	0.063	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12###	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	1.75	2.258	4.4	1.	1.166	1.08	1.12	1.5	3.225	4.19
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	114.	113.917	152.	68.	722.265	26.875	70.4	95.	136.75	149.6
00940	CHLORIDE, TOTAL IN WATER MG/L	12	5.	4.583	6.	2.	0.992	0.996	2.6	4.	5.	5.7
00945	SULFATE, TOTAL (MG/L AS SO4)	12	5.	5.167	6.	5.	0.152	0.389	5.	5.	5.	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12###	75.	141.667	500.	50.	23106.061	152.007	50.	50.	175.	470.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12###	1.849	1.983	2.699	1.699	0.135	0.367	1.699	1.699	2.226	2.67
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			96.159								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	11.45	11.433	21.6	0.	51.906	7.205	0.72	4.15	18.45	21.27
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	231.	225.	282.	136.	1829.273	42.77	151.	190.25	263.25	276.9
00310	BOD, 5 DAY, 20 DEG C MG/L	12	1.	0.933	1.8	0.5	0.226	0.475	0.5	0.5	1.075	1.8
00340	COD, .25N K2CR2O7 MG/L	12	5.	4.542	7.	2.5	3.612	1.9	2.5	2.5	6.	7.
00400	PH (STANDARD UNITS)	12	8.6	8.608	9.3	8.3	0.081	0.284	8.3	8.4	8.75	9.18
00400	CONVERTED PH (STANDARD UNITS)	12	8.6	8.541	9.3	8.3	0.086	0.293	8.3	8.4	8.75	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.003	0.003	0.005	0.001	0.	0.001	0.001	0.002	0.004	0.005
00403	PH, LAB, STANDARD UNITS SU	12	7.75	7.7	8.1	7.	0.08	0.283	7.15	7.6	7.875	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.747	7.595	8.1	7.	0.092	0.303	7.15	7.6	7.875	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.018	0.025	0.1	0.008	0.001	0.025	0.009	0.013	0.025	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12###	1.5	2.792	17.	1.5	20.021	4.474	1.5	1.5	1.5	12.35
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12###	1.5	1.625	3.	1.5	0.188	0.433	1.5	1.5	1.5	2.55
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12###	1.5	2.542	14.	1.5	13.021	3.608	1.5	1.5	1.5	10.25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12###	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12###	0.005	0.01	0.03	0.005	0.	0.01	0.005	0.005	0.009	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.34	0.429	0.78	0.16	0.045	0.213	0.166	0.275	0.62	0.759
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.15	0.133	0.2	0.05	0.005	0.072	0.05	0.05	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12###	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	1.4	1.333	2.5	0.5	0.397	0.63	0.5	0.625	1.8	2.32
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	116.	113.333	144.	62.	589.152	24.272	70.4	98.	135.5	141.6
00940	CHLORIDE, TOTAL IN WATER MG/L	12	5.5	5.417	7.	4.	0.811	0.9	4.	5.	6.	6.7
00945	SULFATE, TOTAL (MG/L AS SO4)	12	5.	5.	6.	4.	0.364	0.603	4.	5.	5.	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	100.	154.167	400.	50.	18844.697	137.276	50.	50.	275.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	2.	2.04	2.602	1.699	0.134	0.366	1.699	1.699	2.433	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			109.587								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	16.5	13.567	23.6	2.5	64.375	8.023	2.5	4.75	20.35	23.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	228.	235.444	312.	173.	3337.278	57.769	173.	181.5	304.5	312.
00310	BOD, 5 DAY, 20 DEG C MG/L	9###	0.5	0.767	1.7	0.5	0.19	0.436	0.5	0.5	1.1	1.7
00340	COD, .25N K2CR2O7 MG/L	9###	2.5	3.778	8.	2.5	4.257	2.063	2.5	2.5	5.5	8.
00400	PH (STANDARD UNITS)	9	8.4	8.378	9.	7.6	0.139	0.373	7.6	8.25	8.5	9.
00400	CONVERTED PH (STANDARD UNITS)	9	8.4	8.21	9.	7.6	0.171	0.414	7.6	8.25	8.5	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.004	0.006	0.025	0.001	0.	0.007	0.001	0.003	0.006	0.025
00403	PH, LAB, STANDARD UNITS SU	9	7.8	7.756	8.3	7.2	0.153	0.391	7.2	7.4	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	9	7.8	7.61	8.3	7.2	0.177	0.42	7.2	7.4	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.016	0.025	0.063	0.005	0.	0.02	0.005	0.007	0.041	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	9###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	9###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	9###	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9###	0.02	0.03	0.07	0.02	0.	0.02	0.02	0.02	0.04	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	9###	0.005	0.009	0.04	0.005	0.	0.012	0.005	0.005	0.005	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	9	0.37	0.354	0.61	0.17	0.021	0.145	0.17	0.21	0.455	0.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.1	0.106	0.3	0.05	0.006	0.077	0.05	0.05	0.1	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	9###	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	1.9	2.1	3.6	1.4	0.453	0.673	1.4	1.7	2.4	3.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	9	100.	110.	152.	76.	926.	30.43	76.	83.	146.	152.
00940	CHLORIDE, TOTAL IN WATER MG/L	9	6.	6.111	7.	4.	1.111	1.054	4.	5.5	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	9	5.	5.222	6.	5.	0.194	0.441	5.	5.	5.5	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9###	50.	172.222	700.	50.	46944.444	216.667	50.	50.	250.	700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9###	1.699	2.013	2.845	1.699	0.186	0.431	1.699	1.699	2.389	2.845
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0057

NPS Station ID: BLRI0057 LAT/LON: 37.706392/ -79.383059
 Location: STATIONS MR4 & GB4 BELOW PUMPING STATION MAURY R
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY009.20
 Within Park Boundary: No

Date Created: 10/30/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0048 TOPO MAP NAME: GLASGOW, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/03/92-06/10/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/03/92-06/10/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	4	9.5	10.	13.	8.	4.667	2.16	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/03/92-06/10/92	4	13.	13.	15.	11.	3.333	1.826	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/03/92-06/10/92	4	16.5	16.5	23.	10.	29.667	5.447	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/03/92-06/10/92	4	12.5	13.25	16.	12.	3.583	1.893	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/03/92-06/10/92	4	59.5	60.5	80.	43.	303.	17.407	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/03/92-06/10/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34480 THALLIUM DRY WGTBOTMG/KG	06/03/92-06/10/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/03/92-06/10/92	4 ##	0.2	0.2	0.25	0.15	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0058

NPS Station ID: BLRI0058 LAT/LON: 37.768892/ -79.383615
 Location: OFF RT. 703 UPSTREAM FROM GAGING STATION
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202004 RF1 Mile Point: 0.240
 RF3 Index: 0208020200101.27 RF3 Mile Point: 1.26

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY016.01 /VA2-12AX0176/VA2-6X0176
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.28

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12A TOPO MAP #: 0047 TOPO MAP NAME: LEXINGTON, VA

Parameter Inventory for Station: BLRI0058

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-12/02/78	42	17.1	15.998	27.8	2.2	58.283	7.634	3.63	9.275	22.575	25.42
00300	OXYGEN, DISSOLVED MG/L	06/06/74-12/02/78	40	9.65	9.742	15.7	4.6	5.501	2.345	6.82	8.025	11.4	13.33
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/77-03/20/78	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/74-12/02/78	42	8.3	8.223	9.2	6.8	0.458	0.676	7.2	7.8	8.825	9.07
00400	CONVERTED PH (STANDARD UNITS)	06/06/74-12/02/78	42	8.3	7.716	9.2	6.8	0.72	0.849	7.2	7.8	8.825	9.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/74-12/02/78	42	0.005	0.019	0.158	0.001	0.001	0.033	0.001	0.002	0.016	0.063
00500	RESIDUE, TOTAL (MG/L)	06/06/74-12/02/78	35	158.	159.229	296.	79.	1952.593	44.188	112.6	126.	181.	214.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/06/74-12/02/78	35	38.	39.914	83.	3.	283.492	16.837	21.8	28.	48.	70.2
00510	RESIDUE, TOTAL FIXED (MG/L)	06/06/74-12/02/78	35	120.	122.086	249.	42.	2040.316	45.17	71.2	94.	143.	193.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/06/74-12/02/78	36	4.5	13.653	142.	0.	882.983	29.715	0.	2.	8.75	34.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/74-12/02/78	36	2.	2.792	14.	0.	12.434	3.526	0.	0.	3.75	9.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/74-12/02/78	36	3.	10.625	128.	0.	733.991	27.092	0.	0.5	4.	30.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/06/74-12/02/78	41 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/06/74-12/02/78	41 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/06/74-03/20/78	36	0.38	0.459	2.699	0.05	0.182	0.427	0.197	0.263	0.493	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/06/74-12/02/78	41	0.2	0.191	0.5	0.05	0.017	0.131	0.05	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/13/78-12/02/78	5	0.36	0.434	0.72	0.28	0.036	0.19	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-12/02/78	29	6.	6.	12.	1.	7.071	2.659	2.	4.	7.5	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/75-08/01/78	5 ##	1.	1.1	1.5	1.	0.05	0.224	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-08/01/78	6 ##	5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/08/75-08/01/78	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/08/75-08/01/78	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/08/75-08/01/78	7	2.	3.571	9.	1.	9.952	3.155	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/08/75-08/01/78	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/08/75-08/01/78	7	10.	10.714	20.	5.	45.238	6.726	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/27/74-12/02/78	41 ##	50.	152.439	1600.	50.	116868.902	341.861	50.	50.	75.	280.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/27/74-12/02/78	41 ##	1.699	1.867	3.204	1.699	0.145	0.381	1.699	1.699	1.849	2.442
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				73.647								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	06/06/74-12/02/78	41 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/74-12/02/78	41 ##	0.03	0.029	0.07	0.005	0.	0.022	0.005	0.005	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	01/08/75-08/01/78	7 ##	0.25	0.236	0.25	0.15	0.001	0.038	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0058

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED		40	0	0.00	16	0	0.00	14	0	0.00	10	0	0.00			
00400	PH	Other-Lo Lim.	4.	42	9	0.21	17	7	0.41	15	1	0.07	10	1	0.10		
		Other-Hi Lim.	9.	42	0	0.00	17	0	0.00	15	0	0.00	10	0	0.00		
		Other-Lo Lim.	6.5	41	0	0.00	17	0	0.00	14	0	0.00	10	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N		1.	41	0	0.00	17	0	0.00	14	0	0.00	10	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N		10.	36	0	0.00	14	0	0.00	13	0	0.00	9	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.		10.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	4	0	0.00	1	0	0.00					
		Drinking Water	50.	5	0	0.00	4	0	0.00	1	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00						1	0	0.00			
		Drinking Water	5.	1 &	0	0.00						1	0	0.00			
01034	CHROMIUM, TOTAL		100.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH		200.	41	5	0.12	17	2	0.12	15	0	0.00	9	3	0.33		
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	2.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0059

NPS Station ID: BLRI0059 LAT/LON: 37.539726/ -79.389727
 Location: RT. 122 E. OF BIG ISLAND - JUST BELOW RT. 600
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080203 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 2-HUO001.99
 Within Park Boundary: No

Date Created: 05/01/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 2 WEST CENTRAL
 RIVER: HUNTING CREEK SECTION: 11J TOPO MAP #: 0049 TOPO MAP NAME: SNOWDEN, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0059

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0060

NPS Station ID: BLRI0060
 Location: MAURY RIVER NEAR BUENA VISTA, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202000903.80
 Description:

LAT/LON: 37.762504/ -79.391670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.33

Agency: 112WRD
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 02024000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.60
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	05/07/45-05/07/45	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/07/45-05/07/45	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/07/45-05/07/45	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/07/45-05/07/45	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/45-05/07/45	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/07/45-05/07/45	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/07/45-05/07/45	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/07/45-05/07/45	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/07/45-05/07/45	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/07/45-05/07/45	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/07/45-05/07/45	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/07/45-05/07/45	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/45-05/07/45	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/07/45-05/07/45	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/07/45-05/07/45	1	92.	92.	92.	92.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/45-05/07/45	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/07/45-05/07/45	1	40.	40.	40.	40.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0060

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0061

NPS Station ID: BLRI0061
 Location: RT. 60 AT BEN SALEM WAYSIDE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: 02-NORTH-ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080202003
 RF3 Index: 02080201022400.00

LAT/LON: 37.752227/ -79.392226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 8.890
 RF3 Mile Point: 0.43

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY014.78 /VA2-12AX0345/VA2-6X0345
 Within Park Boundary: No

Date Created: 06/14/80

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 22.30
 Distance from RF3: 0.25

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12A TOPO MAP #: 0047 TOPO MAP NAME: LEXINGTON, VA

Parameter Inventory for Station: BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	163	14.5	15.149	31.	0.	67.035	8.187	4.44	8.	22.5	25.5
00062 ELEVATION, RESERVOIR SURFACE WATER IN FEET	11/25/80-11/25/80	1	4.		4.	4.	0.	0.	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-04/15/92	24	2.	9.075	131.	0.4	703.145	26.517	0.6	1.225	5.45	17.
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	15	2.5	3.753	14.	0.4	16.408	4.051	0.7	1.3	4.8	13.04
00080 COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	21	13.	16.571	107.	5.	444.157	21.075	6.4	9.	15.5	18.8
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	102	226.5	229.127	358.	88.	2751.3	52.453	160.9	196.75	267.	291.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	58	251.5	235.069	331.	57.	2974.662	54.54	157.4	200.75	270.25	293.6
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	40	12.	12.233	16.2	8.4	3.815	1.953	9.41	10.975	13.85	14.88
00300 OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	121	11.8	11.66	20.	0.8	5.266	2.295	8.96	10.1	12.75	14.28
00310 BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	161	1.	1.24	7.	0.5	0.618	0.786	0.5	1.	1.3	2.
00340 COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	160	5.5	6.031	50.	0.5	25.188	5.019	2.	3.	7.75	10.9
00400 PH (STANDARD UNITS)	04/09/79-10/19/95	161	8.43	8.351	9.3	6.7	0.249	0.499	7.614	8.	8.7	9.
00400 CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	161	8.43	7.976	9.3	6.7	0.391	0.625	7.614	8.	8.7	9.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	161	0.004	0.011	0.2	0.001	0.001	0.024	0.001	0.002	0.01	0.024
00403 PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	104	8.05	7.976	8.9	6.4	0.245	0.495	7.35	7.7	8.3	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	104	8.047	7.581	8.9	6.4	0.402	0.634	7.35	7.7	8.3	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	104	0.009	0.026	0.398	0.001	0.004	0.06	0.003	0.005	0.02	0.045
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	101	110.	115.321	1268.	0.4	14340.638	119.752	64.2	85.	128.	139.8
00500 RESIDUE, TOTAL (MG/L)	04/09/79-08/05/92	35	136.	143.429	277.	87.	1475.252	38.409	105.2	120.	155.	180.4
00505 RESIDUE, TOTAL VOLATILE (MG/L)	04/09/79-08/05/92	35	28.	28.629	50.	10.	118.476	10.885	14.2	18.	36.	44.6
00510 RESIDUE, TOTAL FIXED (MG/L)	04/09/79-08/05/92	36	114.5	114.917	228.	71.	958.136	30.954	86.1	95.	121.	141.6
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	161 ##	2.5	7.919	165.	0.5	371.356	19.271	1.5	2.5	5.5	13.6
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	161 ##	2.5	2.621	23.	0.	5.302	2.303	1.	1.5	2.5	4.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	161 ##	2.5	6.54	142.	0.	296.003	17.205	1.1	1.5	3.	8.8
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	159 ##	0.05	0.048	0.2	0.02	0.001	0.03	0.02	0.02	0.05	0.07
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	159 ##	0.005	0.01	0.06	0.005	0.	0.009	0.005	0.005	0.01	0.02
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	157	0.35	0.349	0.74	0.02	0.025	0.157	0.13	0.23	0.46	0.55
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	158	0.2	0.218	1.8	0.05	0.043	0.207	0.1	0.1	0.2	0.3
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	158 ##	0.05	0.068	0.3	0.05	0.001	0.037	0.05	0.05	0.1	0.1
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	120	0.02	0.023	0.13	0.005	0.	0.02	0.005	0.01	0.03	0.04
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	156	3.	3.613	50.	0.4	18.247	4.272	1.07	2.	4.	6.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	100	115.	115.6	174.	23.	790.323	28.113	78.	98.	138.	151.8
00940 CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	63	4.	4.667	9.	2.	2.194	1.481	3.	4.	6.	7.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	63	9.	10.286	91.	6.	109.401	10.459	7.4	8.	9.	11.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	28 ##	0.05	0.089	0.25	0.05	0.003	0.053	0.05	0.05	0.135	0.152
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/08/89-11/09/92	27	5.5	5.237	8.8	2.2	2.669	1.634	2.68	3.9	6.5	7.02
01002	ARSENIC, TOTAL (UG/L AS AS)	07/20/82-07/20/82	1 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/08/79-07/10/91	3	7.	6.967	7.4	6.5	0.203	0.451	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/15/83-06/15/83	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/20/82-07/20/82	1 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	3 ##	0.11	0.228	0.5	0.075	0.056	0.236	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	3	14.4	15.433	21.	10.9	26.303	5.129	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/20/82-07/20/82	1 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/20/82-07/20/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/08/79-07/10/91	3	4.9	6.767	11.	4.4	13.503	3.675	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/20/82-07/20/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/08/79-07/10/91	3	12.9	11.067	13.	7.3	10.643	3.262	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/20/82-07/20/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/08/79-07/10/91	3	11.	10.233	13.8	5.9	16.043	4.005	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/82-12/10/90	2 ##	15.	15.	25.	5.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/08/79-07/10/91	3	30.	31.233	38.7	25.	48.063	6.933	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/83-06/15/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/79-10/19/95	146 ##	50.	237.329	4800.	50.	432441.781	657.603	50.	50.	100.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/79-10/19/95	146 ##	1.699	1.965	3.681	1.699	0.193	0.44	1.699	1.699	2.	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.303								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/21/82-01/05/83	2	3.502	3.502	7.	0.003	24.479	4.948	**	**	**	**
34480	THALLIUM DRY WGTBTOMG/KG	06/15/83-06/15/83	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/10/91-07/10/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/20/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/15/83-07/10/91	2 ##	25.	25.	50.	0.	1250.	35.355	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/10/91-07/10/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/10/91-07/10/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/10/91-07/10/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	07/10/91-07/10/91	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	07/20/82-07/20/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/15/83-06/15/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/15/82-07/07/83	6	0.	0.	0.	0.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-08/09/95	39	0.01	0.014	0.04	0.005	0.	0.008	0.005	0.01	0.02	0.03
71900	MERCURY, TOTAL (UG/L AS HG)	07/20/82-07/20/82	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/08/79-07/10/91	3 ##	0.1	0.133	0.25	0.05	0.011	0.104	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	07/10/91-07/10/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/10/91-07/10/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	25	1.3	3.92	32.	0.1	47.688	6.906	0.6	1.05	3.	14.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0061

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	1	0.04	5	0	0.00	13	1	0.08	6	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	7	0	0.00	5	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	0	0.00	13	0	0.00	16	0	0.00	11	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	1	0.01	37	1	0.03	52	0	0.00	32	0	0.00			
00400	PH	Other-Hi Lim.	9.	161	22	0.14	50	10	0.20	68	8	0.12	43	4	0.09			
		Other-Lo Lim.	6.5	161	0	0.00	50	0	0.00	68	0	0.00	43	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	104	0	0.00	34	0	0.00	43	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	104	2	0.02	34	0	0.00	43	1	0.02	27	1	0.04			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	159	0	0.00	47	0	0.00	69	0	0.00	43	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	157	0	0.00	47	0	0.00	67	0	0.00	43	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
		Drinking Water	250.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	28	0	0.00	9	0	0.00	13	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	146	29	0.20	47	6	0.13	61	12	0.20	38	11	0.29			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	2	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	2	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	2	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00	3	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	2	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	2	0	0.00				1	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	25	0	0.00	8	0	0.00	9	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1979 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	19.	17.644	27.	4.5	66.375	8.147	4.5	10.5	25.4	27.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9	207.	221.111	287.	160.	1658.361	40.723	160.	195.	258.5	287.
00300	OXYGEN, DISSOLVED MG/L	8	10.4	9.938	13.4	0.8	15.991	3.999	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	9	1.	1.056	2.	0.5	0.153	0.391	0.5	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	9	4.	5.611	18.	0.5	30.361	5.51	0.5	2.	8.	18.
00400	PH (STANDARD UNITS)	9	8.5	8.311	9.	7.5	0.204	0.451	7.5	8.	8.6	9.
00400	CONVERTED PH (STANDARD UNITS)	9	8.5	8.097	9.	7.5	0.255	0.505	7.5	8.	8.6	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.003	0.008	0.032	0.001	0.	0.009	0.001	0.003	0.01	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	9	5.	23.167	130.	0.5	1778.188	42.169	0.5	2.5	28.5	130.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	9	2.5	3.611	12.	0.	14.799	3.847	0.	0.75	6.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	9	2.5	20.167	118.	0.	1526.813	39.074	0.	1.25	25.	118.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9##	0.05	0.067	0.2	0.05	0.003	0.05	0.05	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	9##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.015	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	9	0.42	0.398	0.6	0.2	0.016	0.128	0.2	0.275	0.495	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.2	0.156	0.3	0.05	0.007	0.085	0.05	0.075	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	9##	0.05	0.078	0.2	0.05	0.003	0.051	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	9	0.01	0.031	0.13	0.005	0.002	0.043	0.005	0.005	0.05	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	4.	4.778	9.	2.	4.194	2.048	2.	3.5	6.	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	100.	761.111	4800.	50.	2357986.111	1535.574	50.	50.	650.	4800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	2.	2.334	3.681	1.699	0.472	0.687	1.699	1.699	2.812	3.681
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	13.9	14.882	31.	1.5	111.016	10.536	2.1	5.7	23.5	31.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9	247.	248.778	319.	88.	5430.444	73.692	88.	213.5	314.	319.
00300	OXYGEN, DISSOLVED MG/L	11	12.	11.955	15.2	10.	2.081	1.442	10.02	10.6	12.6	14.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10	1.	1.3	2.	1.	0.233	0.483	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	10	5.	5.2	11.	0.5	12.344	3.513	0.5	1.625	8.25	10.8
00400	PH (STANDARD UNITS)	11	9.	8.764	9.	8.	0.107	0.326	8.1	8.5	9.	9.
00400	CONVERTED PH (STANDARD UNITS)	11	9.	8.621	9.	8.	0.129	0.359	8.1	8.5	9.	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.001	0.002	0.01	0.001	0.	0.003	0.001	0.001	0.003	0.009
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10##	2.5	3.85	10.	2.5	6.281	2.506	2.5	2.5	5.25	9.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10##	2.5	2.75	6.	2.	1.347	1.161	2.	2.375	2.5	5.65
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10##	2.5	3.1	8.	2.5	2.989	1.729	2.5	2.5	2.625	7.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10##	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	9	0.37	0.402	0.6	0.17	0.025	0.16	0.17	0.265	0.55	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10	0.1	0.125	0.2	0.05	0.005	0.068	0.05	0.05	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10	0.015	0.018	0.05	0.005	0.	0.014	0.005	0.009	0.023	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10	5.5	5.9	9.	3.	5.211	2.283	3.	3.75	8.25	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10##	50.	60.	100.	50.	444.444	21.082	50.	50.	62.5	100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10##	1.699	1.759	2.	1.699	0.016	0.127	1.699	1.699	1.774	2.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	10	16.4	14.93	24.3	0.	79.856	8.936	0.22	6.55	23.35	24.25
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	11	290.	271.	358.	130.	4808.8	69.346	142.2	232.	330.	353.2
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	10	11.3	12.	20.	8.	12.636	3.555	8.13	9.45	13.55	19.58
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	11	1.	1.455	3.	1.	0.473	0.688	1.	2.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	11	5.	6.227	19.	0.5	29.768	5.456	0.6	2.	9.	17.4
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	10	8.6	8.444	9.	7.2	0.353	0.594	7.264	7.96	9.	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	10	8.589	7.996	9.	7.2	0.575	0.759	7.264	7.96	9.	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	10	0.003	0.01	0.063	0.001	0.	0.019	0.001	0.001	0.011	0.058
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	6.045	19.	2.5	40.073	6.33	2.5	2.5	7.	18.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	2.591	5.	1.	0.891	0.944	1.2	2.5	2.5	4.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	5.045	16.	2.	29.573	5.438	2.1	2.5	4.	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11	0.24	0.284	0.74	0.025	0.037	0.191	0.034	0.19	0.39	0.67
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	11	0.2	0.218	0.4	0.1	0.012	0.108	0.1	0.1	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	11	0.03	0.033	0.08	0.01	0.	0.02	0.01	0.02	0.04	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	11	6.	5.591	10.	0.5	9.941	3.153	0.8	3.	8.	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11 ##	50.	104.545	400.	50.	11727.273	108.293	50.	50.	100.	360.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11 ##	1.699	1.891	2.602	1.699	0.096	0.309	1.699	1.699	2.	2.542
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			77.72								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	9	15.	15.244	27.	3.	70.688	8.408	3.	7.1	23.	27.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	9	256.	239.444	288.	167.	2186.278	46.758	167.	189.5	278.5	288.
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	9	12.5	11.978	14.2	10.	2.207	1.486	10.	10.5	13.15	14.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	9	1.	1.389	3.	0.5	0.611	0.782	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	9	7.	6.222	9.	3.	3.194	1.787	3.	5.	7.	9.
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.5	8.229	9.	6.85	0.552	0.743	6.85	7.585	8.9	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.5	7.634	9.	6.85	0.951	0.975	6.85	7.585	8.9	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	9	0.003	0.023	0.141	0.001	0.002	0.045	0.001	0.001	0.026	0.141
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	9	5.	4.889	10.	2.5	6.986	2.643	2.5	2.5	6.5	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	9	2.5	3.	6.	1.	2.125	1.458	1.	2.25	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	9	2.5	3.	5.	1.	1.875	1.369	1.	2.25	4.5	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.05	0.067	0.2	0.05	0.003	0.05	0.05	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9	0.39	0.39	0.6	0.19	0.015	0.121	0.19	0.305	0.475	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	9	0.2	0.189	0.3	0.05	0.007	0.082	0.05	0.125	0.25	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	9 ##	0.05	0.078	0.2	0.05	0.003	0.051	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.02	0.022	0.05	0.005	0.	0.014	0.005	0.01	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	9	4.	8.778	50.	1.	241.944	15.555	1.	2.	5.5	50.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	8 ##	75.	100.	300.	50.	7142.857	84.515	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	8 ##	1.849	1.909	2.477	1.699	0.075	0.274	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			81.119								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	11	12.	14.273	23.5	2.5	57.384	7.575	3.4	7.5	22.6	23.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	11	215.	218.818	294.	110.	3523.564	59.36	116.4	182.	282.	293.6
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	11	11.8	11.755	14.	10.	1.877	1.37	10.02	10.5	13.2	13.92
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	11	1.	1.591	5.	0.5	1.541	1.241	0.6	1.	2.	4.4
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	11	5.	5.636	14.	2.	10.655	3.264	2.2	3.	6.	12.8
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	11	8.4	8.332	9.	7.3	0.298	0.546	7.4	7.85	8.75	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	11	8.4	8.008	9.	7.3	0.413	0.643	7.4	7.85	8.75	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	11	0.004	0.01	0.05	0.001	0.	0.014	0.001	0.002	0.014	0.043
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	7.955	49.	2.5	189.773	13.776	2.5	2.5	7.	40.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	3.591	6.	2.5	2.591	1.61	2.5	2.5	6.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	5.955	43.	1.	151.173	12.295	1.2	2.	2.5	34.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11	0.34	0.306	0.5	0.16	0.013	0.116	0.166	0.19	0.4	0.488
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	11	0.2	0.459	1.8	0.05	0.384	0.62	0.06	0.1	0.3	1.76
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11 ##	0.05	0.068	0.2	0.05	0.002	0.046	0.05	0.05	0.05	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	11	0.02	0.023	0.06	0.005	0.	0.017	0.006	0.01	0.03	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	11	3.	3.545	9.	1.	5.873	2.423	1.	2.	5.	8.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11 ##	50.	222.727	1000.	50.	130181.818	360.807	50.	50.	100.	980.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11 ##	1.699	1.986	3.	1.699	0.254	0.504	1.699	1.699	2.	2.991
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			96.849								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	9	14.	14.656	25.2	2.	73.47	8.571	2.	7.25	22.75	25.2
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	9	197.	203.889	289.	135.	2474.861	49.748	135.	164.	245.5	289.
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	9	11.8	12.178	15.3	8.8	6.404	2.531	8.8	10.1	15.15	15.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	9	1.	1.111	2.	0.5	0.299	0.546	0.5	0.75	1.5	2.
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	9	4.	4.556	7.	2.	3.778	1.944	2.	3.	6.5	7.
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	8	8.25	8.185	8.7	7.6	0.233	0.482	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	8	8.182	7.975	8.7	7.6	0.283	0.532	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	8	0.007	0.011	0.025	0.002	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	3	8.1	8.2	8.5	8.	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	3	8.1	8.153	8.5	8.	0.073	0.271	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	3	0.008	0.007	0.01	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	3	138.	130.667	140.	114.	209.333	14.468	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	9 ##	2.5	8.056	41.	2.5	156.653	12.516	2.5	2.5	7.	41.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	9 ##	2.5	3.389	6.	2.5	1.486	1.219	2.5	2.5	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	9 ##	2.5	6.056	37.	0.	135.903	11.658	0.	1.75	3.25	37.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9	0.4	0.392	0.48	0.24	0.006	0.076	0.24	0.35	0.455	0.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	9	0.2	0.211	0.4	0.1	0.006	0.078	0.1	0.2	0.2	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.02	0.028	0.1	0.01	0.001	0.029	0.01	0.01	0.035	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	9	3.	2.556	4.	1.	1.278	1.13	1.	1.5	3.5	4.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	9 ##	50.	72.222	200.	50.	2569.444	50.69	50.	50.	75.	200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	9 ##	1.699	1.799	2.301	1.699	0.045	0.213	1.699	1.699	1.849	2.301
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			62.996								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	11	18.	14.991	22.9	3.	50.541	7.109	3.5	9.	21.	22.82
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	11	217.	207.091	258.	145.	1327.891	36.44	148.6	171.	235.	256.2
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	11	10.8	11.582	16.8	9.5	4.83	2.198	9.52	9.7	12.	16.28
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	11	1.	1.045	2.	0.5	0.273	0.522	0.5	0.5	1.	2.
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	11	4.	3.682	9.	0.5	6.314	2.513	0.6	1.	5.	8.4
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	11	8.1	7.964	8.9	6.7	0.425	0.652	6.8	7.6	8.4	8.86
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	11	8.1	7.495	8.9	6.7	0.666	0.816	6.8	7.6	8.4	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	11	0.008	0.032	0.2	0.001	0.003	0.058	0.001	0.004	0.025	0.172
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	11	8.	7.827	8.8	6.4	0.362	0.602	6.62	7.6	8.2	8.68
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	11	8.	7.307	8.8	6.4	0.66	0.812	6.62	7.6	8.2	8.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	11	0.01	0.049	0.398	0.002	0.013	0.116	0.003	0.006	0.025	0.325
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	11	105.	95.727	126.	38.	740.818	27.218	44.2	74.	119.	125.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	5.591	17.	2.5	24.591	4.959	2.5	2.5	8.	16.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	3.045	7.	2.	1.973	1.405	2.1	2.5	3.	6.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	2.5	4.136	10.	2.5	7.755	2.785	2.5	2.5	5.	9.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	9	0.42	0.391	0.7	0.12	0.036	0.19	0.12	0.24	0.55	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	8	0.1	0.144	0.25	0.1	0.004	0.062	**	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.02	0.022	0.04	0.01	0.	0.008	0.01	0.02	0.025	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	11	3.	3.818	9.	2.	3.964	1.991	2.	3.	5.	8.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	108.	110.8	132.	82.	336.178	18.335	83.	93.5	130.5	132.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11	200.	336.364	1800.	50.	259545.455	509.456	50.	50.	400.	1540.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	11	2.301	2.221	3.255	1.699	0.266	0.516	1.699	1.699	2.602	3.144
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			166.354								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	13	20.6	16.931	29.	1.5	88.307	9.397	1.78	8.	24.55	27.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	13	255.	247.308	290.	205.	935.064	30.579	205.4	218.	276.	288.4
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	13	12.4	12.146	15.8	7.9	4.313	2.077	8.7	10.7	13.55	15.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	13	1.	0.885	2.	0.5	0.173	0.416	0.5	0.5	1.	1.6
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	13	4.	4.692	9.	1.	4.897	2.213	1.	4.	6.	8.2
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	13	8.2	8.25	9.1	6.8	0.339	0.582	7.2	8.05	8.625	9.06
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	13	8.2	7.755	9.1	6.8	0.605	0.778	7.2	8.05	8.625	9.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	13	0.006	0.018	0.158	0.001	0.002	0.043	0.001	0.003	0.009	0.101
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	13	7.9	8.008	8.8	6.6	0.352	0.594	6.92	7.85	8.45	8.8
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	13	7.9	7.529	8.8	6.6	0.601	0.775	6.92	7.85	8.45	8.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	13	0.013	0.03	0.251	0.002	0.005	0.067	0.002	0.004	0.014	0.167
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	13	115.	116.385	140.	91.	258.256	16.07	91.	102.	129.5	137.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	13 ##	2.5	2.692	5.	2.5	0.481	0.693	2.5	2.5	2.5	4.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	13 ##	2.5	2.462	2.5	2.	0.019	0.139	2.2	2.5	2.5	2.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	13 ##	2.5	2.538	3.	2.5	0.019	0.139	2.5	2.5	2.5	2.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	13 ##	0.005	0.014	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.048
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	13	0.2	0.252	0.6	0.025	0.031	0.176	0.043	0.105	0.395	0.556
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	13	0.2	0.223	0.4	0.1	0.009	0.093	0.1	0.15	0.3	0.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	13	0.1	0.1	0.2	0.05	0.001	0.035	0.05	0.1	0.1	0.16
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	13	0.03	0.032	0.08	0.005	0.001	0.024	0.007	0.01	0.045	0.076
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	13	3.	3.462	6.	2.	1.269	1.127	2.	3.	4.	5.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	13	128.	128.	174.	100.	413.333	20.331	100.8	112.	140.	163.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	50.	58.333	100.	50.	378.788	19.462	50.	50.	50.	100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	1.699	1.749	2.	1.699	0.014	0.117	1.699	1.699	1.699	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			56.123								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10	14.65	15.2	28.3	3.	97.971	9.898	3.26	5.6	26.2	28.15
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10	219.	221.4	277.	166.	1628.267	40.352	166.9	181.75	266.25	276.6
00300	OXYGEN, DISSOLVED MG/L	10	11.85	11.54	14.7	8.2	3.572	1.89	8.32	9.85	12.65	14.51
00310	BOD, 5 DAY, 20 DEG C MG/L	10	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
00340	COD, .25N K2CR2O7 MG/L	10	7.5	7.9	18.	2.	26.544	5.152	2.	2.	11.25	17.4
00400	PH (STANDARD UNITS)	9	8.35	8.239	9.	7.6	0.231	0.481	7.6	7.7	8.55	9.
00400	CONVERTED PH (STANDARD UNITS)	9	8.35	8.022	9.	7.6	0.284	0.533	7.6	7.7	8.55	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.004	0.01	0.025	0.001	0.	0.009	0.001	0.003	0.02	0.025
00403	PH, LAB, STANDARD UNITS SU	10	7.95	7.84	8.9	6.6	0.458	0.677	6.66	7.35	8.35	8.86
00403	CONVERTED PH, LAB, STANDARD UNITS	10	7.947	7.371	8.9	6.6	0.703	0.838	6.66	7.35	8.35	8.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.011	0.043	0.251	0.001	0.006	0.076	0.001	0.005	0.046	0.232
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	8	101.5	96.75	143.	21.	1656.5	40.7	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10##	2.5	16.1	76.	2.5	828.767	28.788	2.5	2.5	18.125	74.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10##	2.5	3.25	10.	2.5	5.625	2.372	2.5	2.5	2.5	9.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10##	2.5	15.	75.	2.5	716.667	26.771	2.5	2.5	15.625	73.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10	0.38	0.378	0.69	0.025	0.041	0.203	0.036	0.258	0.558	0.679
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10	0.2	0.205	0.3	0.05	0.007	0.083	0.055	0.175	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10	0.02	0.02	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	8	4.	3.875	6.	3.	0.982	0.991	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10	106.	107.8	142.	78.	619.956	24.899	78.	82.5	137.	141.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10##	75.	505.	3500.	50.	1149138.889	1071.979	50.	50.	525.	3210.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10##	1.849	2.152	3.544	1.699	0.411	0.641	1.699	1.699	2.719	3.467
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			141.776								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	6	12.95	15.267	28.	1.5	123.919	11.132	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	5	229.	212.2	250.	127.	2369.7	48.68	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	6	12.05	11.7	12.7	9.6	1.484	1.218	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	5##	0.5	1.3	4.	0.5	2.325	1.525	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	5	7.	6.2	8.	2.	6.2	2.49	**	**	**	**
00400	PH (STANDARD UNITS)	6	8.565	8.572	8.73	8.41	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	6	8.55	8.549	8.73	8.41	0.025	0.159	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	5	8.1	8.1	8.4	7.7	0.075	0.274	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	5	8.1	8.028	8.4	7.7	0.081	0.285	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.008	0.009	0.02	0.004	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	102.	103.75	112.	99.	34.917	5.909	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	5##	2.5	3.7	7.	2.5	3.825	1.956	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	5##	2.5	2.5	3.	2.	0.125	0.354	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	5##	2.5	2.7	5.	1.	2.075	1.44	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	5	0.05	0.058	0.1	0.02	0.001	0.029	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	5 ##	0.005	0.017	0.05	0.005	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	5	0.31	0.272	0.55	0.08	0.036	0.189	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	5	0.2	0.24	0.3	0.2	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	5	0.1	0.08	0.1	0.05	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	5	0.02	0.02	0.04	0.01	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	3	1.9	2.033	2.5	1.7	0.173	0.416	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	5	108.	105.8	142.	61.	840.2	28.986	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	50.	62.5	100.	50.	625.	25.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	1.699	1.774	2.	1.699	0.023	0.151	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			59.46								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	6	20.1	15.983	23.2	4.2	79.07	8.892	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	3	198.	185.333	217.	141.	1564.333	39.552	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	6	8.9	10.	12.6	8.5	4.088	2.022	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	4 ##	1.25	1.25	2.	0.5	0.75	0.866	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	4	9.5	8.375	14.	0.5	32.229	5.677	**	**	**	**
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	6	8.455	8.453	8.57	8.35	0.011	0.107	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	6	8.447	8.443	8.57	8.35	0.012	0.107	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	6	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	4	7.9	7.875	8.	7.7	0.022	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	4	7.889	7.855	8.	7.7	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	4	0.013	0.014	0.02	0.01	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	4	85.	80.75	98.	55.	338.25	18.392	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	4	4.5	9.5	26.	3.	123.	11.091	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	4	2.5	2.625	5.	0.5	4.896	2.213	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	4	2.5	7.	21.	2.	87.333	9.345	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	4	0.05	0.045	0.06	0.02	0.	0.019	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	3	0.35	0.333	0.38	0.27	0.003	0.057	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	4	0.25	0.25	0.3	0.2	0.003	0.058	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	4	1.9	2.125	3.6	1.1	1.349	1.162	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	4	96.	92.	110.	66.	354.667	18.833	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	4	4.5	4.5	6.	3.	1.667	1.291	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	4	10.	10.	11.	9.	1.333	1.155	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	75.	1000.	3800.	50.	3485000.	1866.815	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	1.849	2.244	3.58	1.699	0.813	0.901	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			175.562								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	5	10.1	14.3	24.	6.5	76.205	8.73	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	1	222.	222.	222.	222.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	4	254.	243.25	262.	203.	736.917	27.146	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	5	13.6	11.78	15.2	6.7	13.332	3.651	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	5	5.	4.1	6.	0.5	4.55	2.133	**	**	**	**
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	5	8.57	8.576	8.81	8.27	0.051	0.227	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	5	8.57	8.528	8.81	8.27	0.054	0.233	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	5	0.003	0.003	0.005	0.002	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	5	8.3	8.22	8.4	7.9	0.037	0.192	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	5	8.3	8.182	8.4	7.9	0.039	0.197	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	5	0.005	0.007	0.013	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	5	115.	112.6	128.	96.	147.8	12.157	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	5	4.	3.3	7.	0.5	6.95	2.636	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	5	2.	2.3	4.	0.5	2.7	1.643	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	5 ##	0.5	1.3	3.	0.5	1.325	1.151	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	6 ##	0.02	0.023	0.04	0.02	0.	0.008	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	6 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	6	0.49	0.467	0.51	0.4	0.002	0.049	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	6	0.2	0.183	0.3	0.1	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	6 ##	0.008	0.009	0.02	0.005	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	5	1.1	1.62	3.	0.4	1.432	1.197	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	5	120.	123.2	138.	108.	177.2	13.312	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	5	5.	4.6	5.	4.	0.3	0.548	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	5	9.	8.8	9.	8.	0.2	0.447	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	9	11.6	14.2	23.9	7.9	36.138	6.011	7.9	9.75	20.25	23.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	10	251.	242.	308.	158.	1966.222	44.342	162.2	202.25	271.5	305.1
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	8	11.6	11.363	13.3	8.9	1.877	1.37	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	10	1.	1.9	7.	1.	3.433	1.853	1.	1.	2.	6.5
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	10	6.5	10.5	50.	3.	197.167	14.042	3.1	4.	9.	45.9
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.3	8.267	8.7	7.9	0.057	0.24	7.9	8.05	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.3	8.21	8.7	7.9	0.061	0.247	7.9	8.05	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	9	0.005	0.006	0.013	0.002	0.	0.003	0.002	0.004	0.009	0.013
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	9	8.1	8.022	8.4	7.6	0.079	0.282	7.6	7.7	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	9	8.1	7.938	8.4	7.6	0.087	0.296	7.6	7.7	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	9	0.008	0.012	0.025	0.004	0.	0.008	0.004	0.006	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	9	110.	99.156	151.	0.4	2062.718	45.417	0.4	77.	131.	151.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	10	3.5	19.8	165.	1.5	2608.4	51.072	1.5	1.5	6.75	149.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	10 ##	1.25	3.45	23.	0.5	47.469	6.89	0.55	1.	1.75	20.95
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	10	2.75	17.1	142.	1.5	1930.1	43.933	1.5	1.5	5.75	128.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	10 ##	0.03	0.033	0.06	0.02	0.	0.015	0.02	0.02	0.043	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	10 ##	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	10	0.41	0.402	0.63	0.23	0.019	0.139	0.231	0.24	0.525	0.621
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	10	0.3	0.36	1.3	0.2	0.112	0.334	0.2	0.2	0.3	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	10 ##	0.05	0.09	0.3	0.05	0.006	0.077	0.05	0.05	0.1	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	10	0.015	0.015	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	10	1.8	2.14	6.	1.1	2.047	1.431	1.11	1.275	2.3	5.63
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	127.	122.3	154.	84.	628.456	25.069	84.6	96.	146.25	153.6
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	10	4.	3.9	5.	3.	0.544	0.738	3.	3.	4.25	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	10	9.	9.3	13.	7.	2.9	1.703	7.1	8.	10.25	12.8
31616	FECAL COLIFORM, MEMBER FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	50.	912.5	3500.	50.	2975625.	1725.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBER FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	4 ##	1.699	2.16	3.544	1.699	0.851	0.923	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			144.625								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	12	13.95	14.408	28.5	4.4	61.239	7.826	4.7	6.65	21.725	27.
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	10	257.5	245.3	325.	152.	2334.678	48.319	156.8	205.25	274.75	320.2
00300 OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	4	12.6	13.125	15.8	11.5	4.256	2.063	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	11	1.	1.045	2.	0.5	0.123	0.35	0.6	1.	1.	1.8
00340 COD, 25N K2CR2O7 MG/L	04/09/79-09/11/95	10	7.	6.55	16.	0.5	22.247	4.717	0.55	1.75	8.75	15.5
00400 PH (STANDARD UNITS)	04/09/79-10/19/95	12	8.6	8.606	9.3	7.67	0.204	0.452	7.829	8.325	8.95	9.27
00400 CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	12	8.6	8.374	9.3	7.67	0.263	0.513	7.829	8.325	8.95	9.27
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	12	0.003	0.004	0.021	0.001	0.	0.006	0.001	0.001	0.005	0.017
00403 PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	11	8.2	8.209	8.5	7.9	0.047	0.217	7.9	8.	8.4	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	11	8.2	8.16	8.5	7.9	0.05	0.223	7.9	8.	8.4	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	11	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.004	0.01	0.013
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	11	114.	211.909	1268.	64.	123102.891	350.86	67.4	95.	125.	1040.8
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	11	1.5	2.136	7.	1.	3.355	1.832	1.	2.	2.	6.4
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	11 ##	1.	1.	1.5	0.	0.35	0.592	0.	0.5	1.5	1.5
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	11	1.5	1.455	3.	1.	0.373	0.611	1.	1.	1.5	2.8
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	11 ##	0.02	0.029	0.06	0.02	0.	0.016	0.02	0.02	0.05	0.058
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	11	0.36	0.339	0.54	0.02	0.022	0.148	0.06	0.23	0.44	0.532
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	11	0.2	0.209	0.3	0.1	0.005	0.07	0.1	0.2	0.3	0.3
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	10	1.8	2.14	4.7	0.5	2.212	1.487	0.5	0.875	3.375	4.62
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	121.5	119.9	152.	70.	743.656	27.27	72.	100.5	148.	151.6
00940 CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	10	4.	3.8	5.	3.	0.4	0.632	3.	3.	4.	4.9
00945 SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	10	9.	17.	91.	8.	676.667	26.013	8.	8.	10.	82.9
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	10 ##	75.	75.	100.	50.	694.444	26.352	50.	50.	100.	100.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	10 ##	1.849	1.849	2.	1.699	0.025	0.159	1.699	1.699	2.	2.
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			70.711								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	11	12.3	14.518	29.2	6.5	53.806	7.335	6.6	8.3	21.	27.82
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	12	240.5	228.	290.	135.	2884.909	53.711	138.	185.25	279.75	289.1
00310 BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
00340 COD, 25N K2CR2O7 MG/L	04/09/79-09/11/95	12	6.	5.958	15.	0.5	17.157	4.142	0.95	2.5	7.75	13.8
00400 PH (STANDARD UNITS)	04/09/79-10/19/95	11	7.9	7.918	8.4	7.3	0.15	0.387	7.32	7.6	8.3	8.4
00400 CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	11	7.9	7.764	8.4	7.3	0.176	0.419	7.32	7.6	8.3	8.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	11	0.013	0.017	0.05	0.004	0.	0.015	0.004	0.005	0.025	0.048
00403 PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	12	8.4	8.267	8.6	7.	0.199	0.446	7.27	8.225	8.575	8.6
00403 CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	12	8.4	7.899	8.6	7.	0.347	0.589	7.27	8.225	8.575	8.6
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	12	0.004	0.013	0.1	0.003	0.001	0.028	0.003	0.003	0.006	0.074
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	12	108.	104.917	147.	53.	1049.538	32.397	53.9	76.5	134.75	146.1
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	2.75	5.25	19.	1.5	40.068	6.33	1.5	1.5	4.75	18.7
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	1.5	1.667	4.	1.	0.833	0.913	1.	1.	1.5	3.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	2.25	4.417	16.	1.5	25.583	5.058	1.5	1.5	4.	15.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	12 ##	0.02	0.029	0.07	0.02	0.	0.016	0.02	0.02	0.04	0.061
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	12 ##	0.008	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.018	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	12	0.345	0.371	0.66	0.16	0.025	0.158	0.166	0.25	0.508	0.633
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	12	0.2	0.175	0.2	0.1	0.002	0.045	0.1	0.125	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	12	2.05	2.5	5.	0.5	1.764	1.328	0.8	1.65	3.725	4.82
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	12	119.	119.5	158.	64.	1125.182	33.544	67.6	87.5	155.	157.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	12	4.5	4.25	6.	2.	1.295	1.138	2.3	3.25	5.	5.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	12	9.	8.667	10.	7.	0.606	0.778	7.3	8.	9.	9.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	50.	120.833	400.	50.	13844.697	117.663	50.	50.	175.	370.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	1.699	1.939	2.602	1.699	0.116	0.34	1.699	1.699	2.226	2.565
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			86.979								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	12	13.6	14.233	26.2	0.1	63.999	8.	1.69	7.225	21.15	25.78
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	12	244.	219.5	299.	57.	5277.545	72.647	75.3	186.25	274.75	292.4
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	12	1.2	1.192	1.8	0.5	0.192	0.438	0.5	1.	1.6	1.8
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	12	6.5	5.875	9.	2.5	5.233	2.288	2.5	3.125	7.75	8.7
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	12	8.65	8.567	9.	7.8	0.122	0.35	7.92	8.275	8.775	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	12	8.647	8.414	9.	7.8	0.148	0.384	7.92	8.275	8.775	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	12	0.002	0.004	0.016	0.001	0.	0.004	0.001	0.002	0.006	0.013
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	12	7.8	7.608	8.3	6.5	0.279	0.528	6.62	7.2	7.9	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	12	7.789	7.259	8.3	6.5	0.412	0.642	6.62	7.2	7.9	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	12	0.016	0.055	0.316	0.005	0.008	0.09	0.006	0.013	0.067	0.259
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	12	114.5	101.167	149.	19.	1577.788	39.721	27.1	81.25	130.5	145.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	2.25	7.917	63.	1.5	306.674	17.512	1.5	1.5	3.75	47.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	1.5	1.875	6.	1.	1.778	1.334	1.	1.5	1.875	4.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	12 ##	1.5	6.917	57.	1.	252.311	15.884	1.15	1.5	3.	42.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	12 ##	0.02	0.024	0.07	0.02	0.	0.014	0.02	0.02	0.02	0.055
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	12	0.01	0.013	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	12	0.285	0.286	0.62	0.08	0.032	0.18	0.086	0.1	0.433	0.578
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	12	0.2	0.167	0.3	0.05	0.006	0.075	0.05	0.1	0.2	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	12 ##	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	12	1.95	1.767	2.5	0.5	0.335	0.579	0.71	1.25	2.175	2.44
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	12	123.	109.833	154.	23.	1565.242	39.563	32.9	89.25	139.5	150.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	12	5.5	5.167	8.	2.	3.424	1.85	2.3	3.25	6.75	7.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	12	8.	8.25	10.	6.	1.659	1.288	6.3	7.25	9.75	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	50.	100.	400.	50.	10909.091	104.447	50.	50.	100.	340.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	12 ##	1.699	1.875	2.602	1.699	0.09	0.3	1.699	1.699	2.	2.512
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			74.915								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	9	19.4	16.022	28.7	3.	80.987	8.999	3.	7.	22.55	28.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	9	242.	244.111	331.	161.	4076.611	63.848	161.	185.	311.	331.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	9	1.	1.089	2.4	0.5	0.464	0.681	0.5	0.5	1.55	2.4
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	9	6.	6.333	11.	2.5	9.438	3.072	2.5	3.75	9.5	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.5	8.456	8.7	8.	0.063	0.251	8.	8.25	8.7	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	9	8.5	8.386	8.7	8.	0.068	0.261	8.	8.25	8.7	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	9	0.003	0.004	0.01	0.002	0.	0.003	0.002	0.002	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	9	7.8	7.8	8.4	7.1	0.21	0.458	7.1	7.4	8.25	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	9	7.8	7.597	8.4	7.1	0.256	0.506	7.1	7.4	8.25	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	9	0.016	0.025	0.079	0.004	0.001	0.025	0.004	0.006	0.041	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	9	103.	102.	150.	59.	1258.75	35.479	59.	67.	139.5	150.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	9##	1.5	5.278	25.	1.5	60.569	7.783	1.5	1.5	6.	25.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	9##	1.5	1.778	4.	1.5	0.694	0.833	1.5	1.5	1.5	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	9##	1.5	4.278	21.	1.5	42.632	6.529	1.5	1.5	4.25	21.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	8##	0.02	0.048	0.12	0.02	0.002	0.045	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	8	0.01	0.016	0.05	0.005	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	8	0.325	0.34	0.54	0.13	0.019	0.139	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	8	0.2	0.175	0.3	0.05	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	8##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	9	2.4	2.711	4.9	1.5	1.119	1.058	1.5	1.9	3.45	4.9
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	9	104.	113.667	166.	73.	1314.5	36.256	73.	77.	152.	166.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	9	6.	6.111	9.	3.	2.611	1.616	3.	5.5	7.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	9	9.	9.444	17.	7.	8.778	2.963	7.	8.	9.5	17.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	9	100.	155.556	400.	50.	21527.778	146.723	50.	50.	300.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	9	2.	2.033	2.602	1.699	0.146	0.382	1.699	1.699	2.452	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			108.006								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	50	23.2	23.25	31.	13.9	16.575	4.071	17.1	21.	26.25	28.68
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	30	268.5	259.367	317.	166.	1459.689	38.206	198.	235.	288.25	293.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	20	265.	271.85	331.	221.	902.555	30.043	232.5	254.25	286.75	328.6
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	37	12.	11.23	16.8	0.8	8.074	2.841	8.16	9.25	12.75	14.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	50	1.	1.138	5.	0.5	0.462	0.68	0.5	1.	1.	1.98
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	49	6.	6.714	18.	0.5	14.948	3.866	2.	4.	9.	11.
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	50	8.6	8.548	9.3	7.7	0.139	0.373	8.01	8.293	8.8	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	50	8.6	8.379	9.3	7.7	0.168	0.41	8.01	8.293	8.8	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	50	0.003	0.004	0.02	0.001	0.	0.004	0.001	0.002	0.005	0.01
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	34	8.25	8.182	8.9	6.6	0.247	0.497	7.75	7.975	8.5	8.75
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	34	8.247	7.679	8.9	6.6	0.508	0.713	7.75	7.975	8.5	8.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	34	0.006	0.021	0.251	0.001	0.003	0.059	0.002	0.003	0.011	0.018
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	33	126.	122.091	150.	21.	522.085	22.849	101.2	115.5	132.5	142.4
00500	RESIDUE, TOTAL (MG/L)	04/09/79-08/05/92	9	154.	154.444	190.	132.	290.028	17.03	132.	141.	162.	190.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/09/79-08/05/92	9	36.	33.778	47.	15.	109.194	10.45	15.	25.	42.	47.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/09/79-08/05/92	10	120.5	120.5	143.	89.	235.167	15.335	91.1	113.	130.5	142.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	50 ##	2.5	5.48	76.	0.5	142.204	11.925	1.5	1.5	4.	8.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	50 ##	2.5	2.41	7.	0.	2.119	1.456	1.05	1.5	2.5	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	50 ##	2.5	4.58	75.	0.5	138.228	11.757	1.	1.5	2.5	4.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	47 ##	0.05	0.043	0.2	0.02	0.001	0.028	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	47 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	47	0.22	0.24	0.55	0.02	0.018	0.133	0.069	0.16	0.36	0.404
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	47	0.2	0.282	1.8	0.05	0.098	0.314	0.1	0.2	0.3	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	47 ##	0.05	0.069	0.2	0.05	0.001	0.035	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	33	0.02	0.03	0.08	0.005	0.	0.022	0.007	0.01	0.04	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	48	3.	3.854	10.	1.	4.666	2.16	1.79	2.225	5.	7.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	32	137.	135.688	166.	78.	347.899	18.652	111.8	128.5	148.	157.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	20	5.	5.	7.	4.	0.842	0.918	4.	4.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	20	9.	12.85	91.	7.	339.818	18.434	8.	8.	9.	12.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	47 ##	50.	109.574	700.	50.	19851.989	140.897	50.	50.	100.	320.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	47 ##	1.699	1.878	2.845	1.699	0.097	0.312	1.699	1.699	2.	2.502
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			75.537								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	69	7.	7.28	18.	0.	15.165	3.894	2.2	4.5	10.1	13.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	45	218.	222.8	358.	110.	2408.982	49.081	165.4	196.5	246.5	296.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	22	202.5	213.045	308.	118.	3149.284	56.118	138.	165.5	268.75	296.3
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	52	12.55	12.754	20.	9.5	3.207	1.791	10.8	11.8	13.675	15.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	68	1.	1.404	7.	0.5	0.921	0.96	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	04/09/79-09/11/95	68	5.	6.037	50.	0.5	42.055	6.485	1.	2.5	7.	10.1
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	68	8.325	8.213	9.2	6.7	0.319	0.564	7.39	7.8	8.6	9.
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	68	8.324	7.802	9.2	6.7	0.49	0.7	7.39	7.8	8.6	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	68	0.005	0.016	0.2	0.001	0.001	0.031	0.001	0.003	0.016	0.041
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	43	7.9	7.847	8.6	6.4	0.231	0.48	7.14	7.6	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	43	7.9	7.513	8.6	6.4	0.344	0.587	7.14	7.6	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	43	0.013	0.031	0.398	0.003	0.004	0.063	0.004	0.006	0.025	0.073
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	42	91.	121.738	1268.	38.	33621.418	183.361	56.9	72.75	115.	145.8
00500	RESIDUE, TOTAL (MG/L)	04/09/79-08/05/92	15	127.	134.867	256.	87.	1617.41	40.217	118.	145.	145.	206.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/09/79-08/05/92	15	25.	26.6	50.	13.	100.686	10.034	15.4	18.	33.	44.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/09/79-08/05/92	15	103.	108.267	206.	71.	1065.21	32.638	72.8	88.	115.	167.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	68 ##	2.5	9.184	165.	0.5	514.619	22.685	1.5	2.5	6.	18.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	68 ##	2.5	2.846	23.	0.	8.823	2.97	1.	1.5	2.5	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	68 ##	2.5	7.574	142.	0.	384.838	19.617	1.45	2.125	3.75	14.2

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	69###	0.05	0.05	0.2	0.02	0.001	0.03	0.02	0.02	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	69###	0.005	0.01	0.06	0.005	0.	0.008	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	67	0.44	0.428	0.74	0.07	0.021	0.144	0.238	0.32	0.51	0.604
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	69	0.2	0.186	1.3	0.05	0.024	0.156	0.1	0.1	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	69###	0.05	0.067	0.3	0.05	0.002	0.039	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	55	0.02	0.02	0.1	0.005	0.	0.017	0.005	0.01	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	65	3.	3.757	50.	0.4	37.931	6.159	1.	1.35	4.	6.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	42	101.	104.905	156.	56.	595.552	24.404	74.6	88.5	119.5	145.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	27	4.	4.667	9.	2.	2.923	1.71	3.	3.	6.	7.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	27	9.	9.815	17.	8.	3.234	1.798	8.	9.	10.	11.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	61###	50.	258.197	3500.	50.	435515.027	659.936	50.	50.	100.	480.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	61###	1.699	1.967	3.544	1.699	0.223	0.473	1.699	1.699	2.	2.68
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			92.609								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/79-10/19/95	44	18.75	18.284	26.8	6.6	23.946	4.893	11.6	14.	22.225	24.75
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-02/06/92	27	208.	206.074	319.	88.	3306.61	57.503	129.4	155.	257.	279.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	16	237.5	219.375	279.	57.	2973.583	54.531	129.8	198.5	256.	271.3
00300	OXYGEN, DISSOLVED MG/L	04/09/79-04/15/92	32	10.3	10.381	14.3	6.7	1.815	1.347	8.59	9.7	11.275	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/79-09/11/95	43	1.	1.098	2.	0.5	0.268	0.518	0.5	0.5	1.3	2.
00340	COD, 25N K2CR2O7 MG/L	04/09/79-09/11/95	43	5.	5.244	14.	0.5	10.004	3.163	1.	3.	7.	10.2
00400	PH (STANDARD UNITS)	04/09/79-10/19/95	43	8.4	8.341	9.1	6.8	0.203	0.45	7.74	8.	8.7	8.92
00400	CONVERTED PH (STANDARD UNITS)	04/09/79-10/19/95	43	8.4	8.011	9.1	6.8	0.314	0.56	7.74	8.	8.7	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/79-10/19/95	43	0.004	0.01	0.158	0.001	0.001	0.024	0.001	0.002	0.01	0.018
00403	PH, LAB, STANDARD UNITS SU	06/21/84-09/11/95	27	8.	7.922	8.8	6.5	0.197	0.444	7.42	7.7	8.2	8.34
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/84-09/11/95	27	8.	7.587	8.8	6.5	0.314	0.56	7.42	7.7	8.2	8.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/84-09/11/95	27	0.01	0.026	0.316	0.002	0.004	0.06	0.005	0.006	0.02	0.041
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/21/84-09/11/95	26	103.	96.362	140.	0.4	1051.638	32.429	44.2	85.5	115.	129.3
00500	RESIDUE, TOTAL (MG/L)	04/09/79-08/05/92	11	131.	146.091	277.	104.	2292.491	47.88	105.6	118.	154.	255.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/09/79-08/05/92	11	28.	27.182	49.	10.	142.164	11.923	10.4	15.	34.	47.2
00510	RESIDUE, TOTAL FIXED (MG/L)	04/09/79-08/05/92	11	116.	118.909	228.	87.	1535.491	39.185	87.2	92.	122.	208.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/79-09/11/95	43	3.	8.756	130.	1.5	417.457	20.432	1.7	2.5	6.	22.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/09/79-09/11/95	43###	2.5	2.512	12.	0.5	3.506	1.872	1.	1.5	2.5	4.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/09/79-09/11/95	43	2.5	7.186	118.	0.	345.726	18.594	1.2	2.	3.	19.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/79-08/09/95	43###	0.05	0.051	0.2	0.02	0.001	0.032	0.02	0.04	0.05	0.084
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	43###	0.005	0.01	0.05	0.005	0.	0.01	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/09/79-08/09/95	43	0.35	0.347	0.6	0.07	0.016	0.127	0.154	0.27	0.43	0.512
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/79-08/09/95	42	0.2	0.201	0.4	0.05	0.006	0.079	0.1	0.2	0.225	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	42###	0.05	0.07	0.2	0.05	0.001	0.037	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	32	0.01	0.02	0.13	0.005	0.001	0.022	0.005	0.01	0.02	0.037
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/79-09/11/95	43	3.	3.126	9.	0.5	3.979	1.995	1.	1.9	4.	6.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	26	112.	108.154	174.	23.	955.255	30.907	64.5	89.25	127.5	141.5
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	16	4.	4.25	8.	2.	2.6	1.612	2.7	3.	5.	7.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	16	8.	7.875	9.	6.	0.783	0.885	6.7	7.	8.75	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	38	100.	361.842	4800.	50.	926410.028	962.502	50.	50.	200.	540.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/09/79-10/19/95	38	2.	2.071	3.681	1.699	0.254	0.504	1.699	1.699	2.301	2.724
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			117.647								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0062

NPS Station ID: BLRI0062 LAT/LON: 37.700004/ -79.409726
 Location: RIVER MILE NEAR GOOSE NECK DAM ON THE MAURY RI.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 02080202002000.00 RF3 Mile Point: 0.00

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY007.00
 Within Park Boundary: No

Date Created: 09/03/88

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 3.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0048 TOPO MAP NAME: GLASGOW, VA

Parameter Inventory for Station: BLRI0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-06/08/89	4	24.5	21.025	27.6	7.5	89.843	9.479	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-06/08/89	2	13.5	13.5	24.	3.	220.5	14.849	**	**	**
00094	SPECIFIC CONDUCTANCE, FIEDL (UMHOS/CM @ 25C)	08/04/88-06/08/89	3	208.	210.667	254.	170.	1769.333	42.063	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/04/88-06/08/89	4	10.	9.75	10.9	8.1	1.39	1.179	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-06/08/89	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/04/88-06/08/89	3	13.	10.333	14.	4.	30.333	5.508	**	**	**
00400	PH (STANDARD UNITS)	08/04/88-06/08/89	4	8.48	8.463	8.6	8.29	0.026	0.161	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-06/08/89	4	8.464	8.44	8.6	8.29	0.027	0.163	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-06/08/89	4	0.003	0.004	0.005	0.003	0.	0.001	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/04/88-06/08/89	3	7.8	7.933	8.2	7.8	0.053	0.231	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-06/08/89	3	7.8	7.897	8.2	7.8	0.055	0.235	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-06/08/89	3	0.016	0.013	0.016	0.006	0.	0.006	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-06/08/89	3	89.	89.333	110.	69.	420.333	20.502	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/28/88-06/08/89	2	129.5	129.5	136.	123.	84.5	9.192	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/28/88-06/08/89	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	11/28/88-06/08/89	2	106.	106.	111.	101.	50.	7.071	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-06/08/89	3	6.	16.	38.	4.	364.	19.079	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-06/08/89	3	3.	4.	7.	2.	7.	2.646	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-06/08/89	3	3.	12.	31.	2.	271.	16.462	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-02/08/89	4	0.04	0.045	0.08	0.02	0.001	0.025	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-02/08/89	4	0.015	0.014	0.02	0.005	0.	0.008	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-02/08/89	4	0.315	0.32	0.48	0.17	0.018	0.134	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-02/08/89	4	0.15	0.225	0.5	0.1	0.036	0.189	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-02/08/89	4 ##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/88-02/08/89	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-06/08/89	3	2.	2.433	3.5	1.8	0.863	0.929	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-06/08/89	3	98.	99.333	120.	80.	401.333	20.033	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-06/08/89	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-06/08/89	2	10.	10.	11.	9.	2.	1.414	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-06/08/89	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/08/89-06/08/89	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR M-Fc BROTH, 44.5 C	08/04/88-02/08/89	3 ##	50.	50.	50.	50.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-Fc BROTH, 44.5 C	08/04/88-02/08/89	3 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0062

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	3	0	0.00						
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	3	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0064

NPS Station ID: BLRI0064 LAT/LON: 37.680559/ -79.415559
 Location: OFF RT. 663 NEAR OLD CANAL LOCK - ROCKBRIDGE CO.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202 Depth of Water: 0
 Major Basin: 02-NORTH-ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080202 RF1 Mile Point: 0.000
 RF3 Index: 020802001900.12 RF3 Mile Point: 0.86

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY005.39
 Within Park Boundary: No

Date Created: 04/08/89

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 3.10
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0048 TOPO MAP NAME: GLASGOW, VA

Parameter Inventory for Station: BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	68	13.05	14.45	27.6	-0.6	61.688	7.854	4.56	7.425	21.95	24.65
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/88-04/15/92	22	2.1	5.195	58.	0.4	143.058	11.961	0.59	1.225	3.95	7.58
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	15	2.1	3.24	10.	0.3	6.75	2.598	0.72	1.4	4.5	8.2
00080	COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	20	13.5	15.85	63.	5.	137.924	11.744	9.1	11.	16.75	22.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/04/88-01/08/92	6	214.	210.833	254.	154.	1138.567	33.743	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	57	249.	234.298	321.	128.	1701.213	41.246	181.2	201.	261.	280.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	40	10.55	10.83	15.3	8.3	3.655	1.912	8.5	9.1	12.025	13.49
00300	OXYGEN, DISSOLVED MG/L	08/04/88-04/15/92	28	10.8	10.882	16.	5.3	5.819	2.412	8.1	8.875	12.575	13.97
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	63	1.	1.33	6.	0.5	0.777	0.881	0.5	1.	1.9	2.
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	63	6.	7.143	25.	0.5	19.673	4.435	2.5	4.	9.	13.
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	68	8.3	8.279	9.3	6.48	0.182	0.427	7.79	8.2	8.5	8.71
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	68	8.3	7.891	9.3	6.48	0.334	0.578	7.79	8.2	8.5	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	68	0.005	0.013	0.331	0.001	0.002	0.042	0.002	0.003	0.006	0.016
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	64	8.05	7.95	8.7	7.	0.148	0.385	7.4	7.7	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	64	8.047	7.751	8.7	7.	0.188	0.434	7.4	7.7	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	64	0.009	0.018	0.1	0.002	0.001	0.022	0.004	0.006	0.02	0.04
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	64	107.5	105.938	147.	47.	563.266	23.733	73.	88.25	124.5	137.
00500	RESIDUE, TOTAL (MG/L)	11/28/88-08/05/92	27	138.	136.741	201.	28.	1144.199	33.826	80.	125.	158.	171.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11/28/88-08/05/92	27	30.	30.815	46.	14.	67.003	8.186	19.2	25.	38.	41.6
00510	RESIDUE, TOTAL FIXED (MG/L)	11/28/88-08/05/92	27	107.	109.63	160.	60.	441.242	21.066	82.2	98.	122.	137.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	64	2.	5.883	75.	0.	144.292	12.012	1.5	1.5	5.	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	64##	1.5	1.719	12.	0.	2.515	1.586	1.	1.	1.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	64	1.75	4.82	63.	0.	109.217	10.451	1.	1.5	4.	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	65##	0.02	0.034	0.12	0.02	0.001	0.025	0.02	0.02	0.04	0.074
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	65	0.01	0.012	0.06	0.005	0.	0.009	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	65	0.38	0.361	0.7	0.02	0.025	0.159	0.146	0.26	0.48	0.564
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	64	0.2	0.227	0.9	0.05	0.017	0.132	0.1	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	65##	0.05	0.069	0.2	0.005	0.001	0.034	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/88-04/15/92	26	0.015	0.016	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	63	2.	2.22	6.5	0.05	1.365	1.168	1.	1.4	2.8	4.14
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	63	116.	115.048	174.	52.	670.046	25.885	81.2	98.	134.	144.8
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	62	4.	4.694	8.	2.	1.364	1.168	3.3	4.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	62	9.	8.758	12.	7.	1.104	1.051	7.	8.	9.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	25 ##	0.1	0.095	0.25	0.05	0.003	0.052	0.05	0.05	0.14	0.15
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/18/89-11/09/92	25	5.2	15.132	256.	0.5	2522.755	50.227	1.64	4.	6.8	8.78
01092	ZINC, TOTAL (UG/L AS ZN)	12/10/90-12/10/90	1 ##	25.	25.	25.	25.	0	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	52 ##	50.	213.462	3300.	50.	277756.41	527.026	50.	50.	100.	440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	52 ##	1.699	1.969	3.519	1.699	0.181	0.425	1.699	1.699	2.	2.632
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			93.049								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/07/92-08/09/95	39	0.02	0.024	0.08	0.005	0.	0.019	0.01	0.01	0.03	0.05
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS, NTU	05/07/92-06/07/94	25	1.5	4.216	32.	0.1	50.774	7.126	0.56	0.95	3.25	15.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0064

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	22	1	0.05	4	0	0.00	13	1	0.08	5	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	50.	15	0	0.00	7	0	0.00	5	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	40	0	0.00	13	0	0.00	16	0	0.00	11	0	0.00			
00300	OXYGEN, DISSOLVED	4.	28	0	0.00	8	0	0.00	13	0	0.00	7	0	0.00			
00400	PH	9.	68	1	0.01	21	0	0.00	29	1	0.03	18	0	0.00			
		6.5	68	1	0.01	21	0	0.00	29	1	0.03	18	0	0.00			
00403	PH, LAB	9.	64	0	0.00	21	0	0.00	27	0	0.00	16	0	0.00			
		6.5	64	0	0.00	21	0	0.00	27	0	0.00	16	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	65	0	0.00	20	0	0.00	28	0	0.00	17	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	65	0	0.00	20	0	0.00	28	0	0.00	17	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	62	0	0.00	20	0	0.00	27	0	0.00	15	0	0.00			
		250.	62	0	0.00	20	0	0.00	27	0	0.00	15	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	62	0	0.00	20	0	0.00	27	0	0.00	15	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	25	0	0.00	7	0	0.00	13	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	120.	1	0	0.00				1	0	0.00						
		5000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	52	12	0.23	18	2	0.11	22	5	0.23	12	5	0.42			
82078	TURBIDITY, FIELD	50.	25	0	0.00	8	0	0.00	9	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	3	27.6	20.9	27.6	7.5	134.67	11.605	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	2	9.	9.	14.	4.	50.	7.071	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	3	8.6	8.52	8.6	8.36	0.019	0.139	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	3	8.6	8.505	8.6	8.36	0.02	0.14	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	3	0.003	0.003	0.004	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	2	8.	8.	8.2	7.8	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	2	7.955	7.955	8.2	7.8	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	2	0.011	0.011	0.016	0.006	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	2	99.5	99.5	110.	89.	220.5	14.849	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	2 ##	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	2	0.215	0.215	0.26	0.17	0.004	0.064	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	2	1.9	1.9	2.	1.8	0.02	0.141	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	2	109.	109.	120.	98.	242.	15.556	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	6	21.4	15.95	22.6	3.5	88.183	9.391	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	3	5.	7.667	14.	4.	30.333	5.508	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	6	8.35	8.37	8.53	8.29	0.01	0.098	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	6	8.346	8.361	8.53	8.29	0.01	0.098	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	6	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	3	7.9	7.867	8.	7.7	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	3	7.9	7.848	8.	7.7	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	3	0.013	0.014	0.02	0.01	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	3	90.	90.	97.	83.	49.	7.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	3	2.	4.667	12.	0.	41.333	6.429	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	3	1.	2.	5.	0.	7.	2.646	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	3	1.	2.667	7.	0.	14.333	3.786	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	4	0.06	0.063	0.11	0.02	0.002	0.04	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	4	0.41	0.418	0.48	0.37	0.002	0.046	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	4	0.35	0.35	0.6	0.1	0.057	0.238	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	4	0.1	0.087	0.1	0.05	0.001	0.025	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	3	1.4	1.567	2.2	1.1	0.323	0.569	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	3	102.	101.333	108.	94.	49.333	7.024	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	3	5.	5.	6.	4.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	3	11.	10.333	11.	9.	1.333	1.155	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	4 ##	125.	900.	3300.	50.	2565000.	1601.562	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	4 ##	2.	2.304	3.519	1.699	0.736	0.858	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			201.545								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5	9.7	13.92	24.5	4.6	88.867	9.427	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	252.5	241.5	260.	201.	741.667	27.234	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	5	6.	5.5	10.	0.5	11.5	3.391	**	**	**	**
00400	PH (STANDARD UNITS)	5	8.49	8.468	8.84	8.21	0.059	0.242	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	5	8.49	8.42	8.84	8.21	0.062	0.248	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.003	0.004	0.006	0.001	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	5	8.1	8.16	8.5	7.9	0.048	0.219	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	5	8.1	8.12	8.5	7.9	0.05	0.224	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.008	0.008	0.013	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	120.	112.6	125.	92.	198.8	14.1	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	5	2.	2.7	5.	0.5	3.2	1.789	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	5	1.	1.5	3.	0.5	1.	1.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	5	1.	1.4	3.	0.5	1.175	1.084	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	6###	0.02	0.023	0.04	0.02	0.	0.008	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	6	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	6	0.47	0.47	0.58	0.39	0.005	0.073	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	6	0.2	0.217	0.3	0.1	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	6###	0.05	0.059	0.1	0.005	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	5	1.	1.53	2.8	0.05	1.495	1.222	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5	128.	122.4	134.	108.	134.8	11.61	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	5	4.	4.2	5.	4.	0.2	0.447	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	5	9.	8.8	9.	8.	0.2	0.447	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10	11.8	14.43	26.	6.4	49.12	7.009	6.5	8.525	21.625	25.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	255.	249.889	285.	198.	1029.111	32.08	198.	224.	278.	285.
00310	BOD, 5 DAY, 20 DEG C MG/L	9	2.	2.278	6.	0.5	2.694	1.641	0.5	1.	3.	6.
00340	COD, .25N K2CR2O7 MG/L	9	6.	8.222	25.	3.	48.194	6.942	3.	3.5	10.5	25.
00400	PH (STANDARD UNITS)	10	8.2	8.177	8.7	7.8	0.068	0.26	7.801	8.028	8.25	8.67
00400	CONVERTED PH (STANDARD UNITS)	10	8.2	8.111	8.7	7.8	0.072	0.269	7.801	8.028	8.25	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.006	0.008	0.016	0.002	0.	0.004	0.002	0.006	0.01	0.016
00403	PH, LAB, STANDARD UNITS SU	10	8.1	8.01	8.4	7.4	0.072	0.269	7.44	7.875	8.125	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	10	8.1	7.92	8.4	7.4	0.081	0.285	7.44	7.875	8.125	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.008	0.012	0.04	0.004	0.	0.01	0.004	0.008	0.013	0.037
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10	122.	120.7	139.	88.	271.789	16.486	89.5	110.5	134.75	138.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10###	2.75	10.45	75.	1.5	519.025	22.782	1.5	1.5	5.75	68.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10###	1.25	2.2	12.	0.5	12.011	3.466	0.5	0.875	1.5	10.95
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10###	2.75	8.95	63.	1.5	363.692	19.071	1.5	1.5	4.75	57.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10	0.04	0.041	0.1	0.02	0.001	0.025	0.02	0.02	0.053	0.096
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10###	0.008	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.013	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10	0.48	0.426	0.63	0.16	0.028	0.167	0.16	0.265	0.548	0.624
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.3	0.344	0.9	0.2	0.048	0.219	0.2	0.2	0.35	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10###	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	2.	2.	3.3	1.2	0.388	0.622	1.2	1.5	2.25	3.3
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	9	130.	127.111	166.	98.	478.111	21.866	98.	105.	140.	166.
00940	CHLORIDE, TOTAL IN WATER MG/L	10	4.	4.1	5.	3.	0.322	0.568	3.1	4.	4.25	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	10	9.	8.9	12.	7.	1.878	1.37	7.1	8.	9.25	11.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	4###	50.	537.5	2000.	50.	950625.	975.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	4###	1.699	2.099	3.301	1.699	0.642	0.801	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	12	12.	13.45	26.7	3.9	60.999	7.81	3.99	6.375	21.5	25.59
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	10	240.5	236.8	267.	190.	640.178	25.302	191.3	215.75	257.5	266.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	11	1.	1.227	3.	0.5	0.468	0.684	0.6	1.	1.	2.8
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	11	9.	8.909	20.	2.	29.491	5.431	2.2	3.	13.	18.8
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	12	8.5	8.44	9.3	6.48	0.477	0.691	7.026	8.3	8.875	9.18
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	12	8.489	7.518	9.3	6.48	1.404	1.185	7.026	8.3	8.875	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	12	0.003	0.03	0.331	0.001	0.009	0.095	0.001	0.001	0.005	0.233
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	11	8.1	8.127	8.5	7.9	0.03	0.174	7.9	8.	8.2	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	11	8.1	8.098	8.5	7.9	0.031	0.176	7.9	8.	8.2	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	11	0.008	0.008	0.013	0.003	0.	0.003	0.004	0.006	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	11	107.	104.	128.	68.	306.2	17.499	70.8	92.	116.	126.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	11	2.	2.227	5.	1.	1.218	1.104	1.1	1.5	3.	4.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	11 ##	1.	1.182	1.5	0.5	0.114	0.337	0.6	1.	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	11	1.5	1.773	4.	1.	0.718	0.847	1.	2.	3.	3.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	11 ##	0.02	0.024	0.04	0.02	0.	0.008	0.02	0.02	0.02	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	11	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	11	0.36	0.317	0.51	0.02	0.029	0.169	0.032	0.18	0.48	0.508
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	11	0.2	0.218	0.3	0.1	0.006	0.075	0.1	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	11 ##	0.05	0.064	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	11	1.6	2.291	4.4	0.5	2.145	1.465	0.5	1.3	3.9	4.38
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	11	118.	113.182	140.	64.	511.364	22.613	68.8	102.	133.	138.8
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	10	4.	3.8	4.	3.	0.178	0.422	3.	3.75	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	10	9.	8.8	10.	7.	1.067	1.033	7.1	8.	10.	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	10	100.	90.	200.	50.	2111.111	45.947	50.	50.	100.	190.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	10	2.	1.91	2.301	1.699	0.041	0.203	1.699	1.699	2.	2.271
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95			81.225								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	11	13.1	13.691	26.6	5.2	50.095	7.078	5.36	7.4	19.5	25.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	12	226.	223.75	280.	131.	2434.023	49.336	139.7	185.5	273.25	278.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	12	1.	1.042	2.	0.5	0.112	0.334	0.65	1.	1.	1.7
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	12	4.	5.167	13.	0.5	14.061	3.75	1.1	2.5	7.5	12.4
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	11	7.8	7.827	8.4	6.9	0.178	0.422	7.02	7.6	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	11	7.8	7.606	8.4	6.9	0.232	0.481	7.02	7.6	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	11	0.016	0.025	0.126	0.004	0.001	0.035	0.004	0.01	0.025	0.107
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	12	8.2	8.167	8.7	7.	0.212	0.46	7.24	7.9	8.475	8.67
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	12	8.2	7.842	8.7	7.	0.326	0.571	7.24	7.9	8.475	8.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	12	0.006	0.014	0.1	0.002	0.001	0.027	0.002	0.003	0.013	0.075
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	12	101.	102.75	139.	52.	845.295	29.074	56.2	78.25	132.	138.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	12	4.	5.792	18.	1.5	34.612	5.883	1.5	1.5	7.5	17.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	12 ##	1.5	1.667	3.	1.	0.47	0.685	1.	1.125	1.875	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	12	3.5	4.875	15.	1.5	24.278	4.927	1.5	1.5	5.	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	12 ##	0.02	0.028	0.07	0.02	0.	0.015	0.02	0.02	0.035	0.061
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	12	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	12	0.35	0.367	0.7	0.15	0.027	0.166	0.162	0.26	0.478	0.673
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	12	0.2	0.179	0.3	0.05	0.006	0.078	0.065	0.1	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	12	2.35	2.575	6.5	0.5	2.442	1.563	0.68	1.825	2.825	5.87
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	12	111.	115.917	160.	66.	896.083	29.935	71.1	89.5	146.	156.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	12	4.	4.417	6.	2.	1.174	1.084	2.6	4.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	12	8.5	8.417	9.	7.	0.447	0.669	7.3	8.	9.	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	12 ##	50.	120.833	500.	50.	20662.879	143.746	50.	50.	162.5	440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	12 ##	1.699	1.897	2.699	1.699	0.136	0.369	1.699	1.699	2.151	2.632

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C											
	GEOMETRIC MEAN =			78.944								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	13.75	13.333	24.	-0.6	61.513	7.843	4.63	6.525	20.9	23.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	243.5	226.833	279.	128.	1983.061	44.532	144.2	196.5	260.	275.7
00310	BOD, 5 DAY, 20 DEG C MG/L	12	1.1	1.233	2.	0.5	0.339	0.582	0.5	0.625	1.875	2.
00340	COD, .25N K2CR2O7 MG/L	12	7.	7.042	10.	2.5	3.748	1.936	3.55	6.	8.75	9.7
00400	PH (STANDARD UNITS)	12	8.4	8.392	8.8	7.7	0.072	0.268	7.88	8.3	8.575	8.74
00400	CONVERTED PH (STANDARD UNITS)	12	8.4	8.295	8.8	7.7	0.082	0.286	7.88	8.3	8.575	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.004	0.005	0.02	0.002	0.	0.005	0.002	0.003	0.005	0.015
00403	PH, LAB, STANDARD UNITS SU	12	7.65	7.617	8.2	7.	0.118	0.343	7.	7.525	7.85	8.11
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.647	7.479	8.2	7.	0.139	0.372	7.	7.525	7.85	8.11
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.023	0.033	0.1	0.006	0.001	0.032	0.008	0.014	0.03	0.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	111.5	104.75	143.	47.	736.023	27.13	57.5	83.25	126.	139.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12 ##	2.75	9.	62.	1.5	295.318	17.185	1.5	1.5	8.	47.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12 ##	1.5	1.917	5.	1.	1.583	1.258	1.	1.125	1.875	4.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12 ##	2.25	7.833	57.	1.5	248.924	15.777	1.5	1.5	6.75	43.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12 ##	0.02	0.026	0.05	0.02	0.	0.011	0.02	0.02	0.035	0.047
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12 ##	0.008	0.012	0.03	0.005	0.	0.01	0.005	0.005	0.018	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.365	0.307	0.63	0.02	0.038	0.195	0.02	0.11	0.435	0.582
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.2	0.188	0.3	0.05	0.006	0.074	0.065	0.125	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12 ##	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12	1.95	1.883	3.3	0.5	0.462	0.679	0.74	1.4	2.175	3.03
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12	121.	109.417	140.	52.	883.902	29.73	54.7	90.75	133.	139.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	5.5	5.25	8.	3.	2.023	1.422	3.	4.25	6.	7.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	8.5	8.333	10.	7.	1.333	1.155	7.	7.	9.	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	100.	133.333	500.	50.	16060.606	126.73	50.	50.	175.	410.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	2.	2.008	2.699	1.699	0.094	0.306	1.699	1.699	2.226	2.58
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			101.877								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	18.6	15.367	26.8	2.6	74.518	8.632	2.6	6.55	21.95	26.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	240.	238.778	321.	167.	3185.444	56.44	167.	181.5	293.	321.
00310	BOD, 5 DAY, 20 DEG C MG/L	9	1.1	1.167	2.4	0.5	0.52	0.721	0.5	0.5	1.8	2.4
00340	COD, .25N K2CR2O7 MG/L	9	8.	7.	12.	2.5	9.188	3.031	2.5	4.25	8.5	12.
00400	PH (STANDARD UNITS)	9	8.4	8.333	8.5	8.	0.025	0.158	8.	8.25	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	9	8.4	8.305	8.5	8.	0.026	0.161	8.	8.25	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	9	7.7	7.722	8.3	7.1	0.182	0.427	7.1	7.35	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	9	7.7	7.551	8.3	7.1	0.215	0.463	7.1	7.35	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.02	0.028	0.079	0.005	0.001	0.025	0.005	0.007	0.045	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	9	102.	100.778	147.	58.	975.444	31.232	58.	73.5	131.	147.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	9 ##	1.5	3.611	12.	1.5	13.111	3.621	1.5	1.5	5.	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	9 ##	1.5	3.	10.	1.5	8.313	2.883	1.5	1.5	4.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	8 ##	0.035	0.055	0.12	0.02	0.002	0.043	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	8 ##	0.02	0.021	0.06	0.005	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	8	0.31	0.339	0.56	0.21	0.015	0.122	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	8	0.2	0.2	0.4	0.1	0.011	0.107	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	8 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	9	2.9	3.	4.5	1.7	1.098	1.048	1.7	1.9	4.05	4.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	9	105.	113.444	174.	72.	1184.528	34.417	72.	83.	143.	174.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	9	6.	6.	8.	5.	0.75	0.866	5.	5.5	6.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	9	9.	8.778	9.	8.	0.194	0.441	8.	8.5	9.	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	9 ##	50.	150.	800.	50.	61875.	248.747	50.	50.	125.	800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	9 ##	1.699	1.9	2.903	1.699	0.181	0.426	1.699	1.699	2.	2.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			79.37								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	21	22.6	21.819	27.6	11.5	22.602	4.754	13.36	19.	26.3	27.44
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	19	260.	263.947	321.	216.	616.275	24.825	234.	249.	280.	305.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	20	1.	1.095	3.	0.5	0.419	0.648	0.5	0.5	1.075	2.
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	20	8.	8.45	20.	2.5	18.024	4.245	2.65	5.25	10.	14.
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	21	8.4	8.328	8.9	7.5	0.109	0.33	7.68	8.205	8.5	8.76
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	21	8.4	8.179	8.9	7.5	0.132	0.363	7.68	8.205	8.5	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	21	0.004	0.007	0.032	0.001	0.	0.008	0.002	0.003	0.006	0.022
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	21	8.1	8.071	8.4	7.6	0.053	0.231	7.62	7.95	8.2	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	21	8.1	8.006	8.4	7.6	0.058	0.24	7.62	7.95	8.2	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	21	0.008	0.01	0.025	0.004	0.	0.006	0.004	0.006	0.011	0.024
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	21	123.	123.619	147.	97.	143.548	11.981	107.6	116.	133.	138.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	21 ##	1.5	2.738	12.	1.	6.59	2.567	1.5	1.5	3.5	5.8	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	21 ##	1.5	1.643	5.	0.5	0.804	0.896	1.	1.5	1.5	2.8	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	21 ##	1.5	2.119	7.	1.	1.898	1.378	1.1	1.5	3.	3.8	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	20 ##	0.02	0.027	0.05	0.02	0.	0.011	0.02	0.02	0.04	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	20	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.018	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	20	0.255	0.247	0.51	0.02	0.021	0.145	0.026	0.143	0.358	0.473
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	19	0.2	0.226	0.3	0.1	0.005	0.073	0.1	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	20 ##	0.05	0.058	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.05	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	20	2.3	2.595	4.5	1.4	0.872	0.934	1.61	1.9	3.2	4.3
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	20	134.	135.75	174.	108.	299.987	17.32	112.4	125.	146.	165.4
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	20	5.	4.9	6.	4.	0.832	0.912	4.	4.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	20	9.	8.75	10.	7.	0.408	0.639	8.	8.25	9.	9.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	18 ##	50.	75.	200.	50.	2426.471	49.259	50.	50.	100.	200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	18 ##	1.699	1.816	2.301	1.699	0.044	0.21	1.699	1.699	2.	2.301
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95			65.469								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	29	7.2	6.934	13.1	-0.6	10.928	3.306	3.5	4.6	9.7	12.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	22	208.5	213.864	285.	128.	2126.504	46.114	139.7	181.	255.25	276.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	27	1.	1.419	6.	0.5	1.29	1.136	0.5	1.	2.	2.52
00340	COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	27	5.	6.093	25.	0.5	24.27	4.926	2.4	3.	7.	12.2
00400	PH (STANDARD UNITS)	08/04/88-10/19/95	29	8.36	8.259	9.3	6.48	0.302	0.55	7.7	8.1	8.565	8.8
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	29	8.36	7.678	9.3	6.48	0.652	0.808	7.7	8.1	8.565	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	29	0.004	0.021	0.331	0.001	0.004	0.064	0.002	0.003	0.008	0.02
00403	PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	27	7.9	7.904	8.7	7.	0.24	0.489	7.08	7.6	8.3	8.52
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	27	7.9	7.638	8.7	7.	0.313	0.56	7.08	7.6	8.3	8.52
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	27	0.013	0.023	0.1	0.002	0.001	0.028	0.003	0.005	0.025	0.084
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	27	89.	93.444	143.	47.	684.103	26.155	56.8	76.	116.	139.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	27	3.	9.519	75.	0.	316.952	17.803	1.3	1.5	8.	26.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	27	1.5	2.056	12.	0.	5.141	2.267	0.5	1.	2.	4.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	27	2.	7.87	63.	0.	243.569	15.607	0.9	1.5	5.	23.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	28 ##	0.02	0.029	0.08	0.02	0.	0.019	0.02	0.02	0.035	0.071
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	28	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	28	0.43	0.418	0.7	0.02	0.025	0.159	0.178	0.32	0.533	0.63
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	28	0.2	0.204	0.9	0.05	0.028	0.166	0.095	0.1	0.2	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	28 ##	0.05	0.073	0.2	0.005	0.002	0.044	0.04	0.05	0.05	0.1	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	27	1.7	1.961	6.5	0.05	1.906	1.381	0.5	1.1	2.1	4.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	27	99.	101.741	148.	52.	696.969	26.4	63.4	83.	126.	140.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	27	4.	4.704	8.	2.	1.986	1.409	3.	4.	6.	6.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	27	9.	9.296	12.	7.	1.217	1.103	8.	9.	10.	11.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	22 ##	50.	195.455	2000.	50.	174264.069	417.449	50.	50.	125.	440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	22 ##	1.699	1.976	3.301	1.699	0.175	0.418	1.699	1.699	2.075	2.632

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			94.572								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-10/19/95	18	19.3	17.961	24.5	9.7	22.048	4.696	10.42	13.85	21.575	24.05
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	16	234.5	227.188	272.	182.	854.696	29.235	184.1	199.25	251.75	263.6
00310 BOD, 5 DAY, 20 DEG C MG/L	08/04/88-09/11/95	16	1.25	1.475	3.	1.	0.334	0.578	1.	1.	1.95	2.3
00340 COD, .25N K2CR2O7 MG/L	08/04/88-09/11/95	16	7.	7.281	14.	0.5	12.132	3.483	2.25	5.25	9.75	13.3
00400 PH (STANDARD UNITS)	08/04/88-10/19/95	18	8.3	8.254	8.9	7.7	0.087	0.295	7.79	8.075	8.4	8.63
00400 CONVERTED PH (STANDARD UNITS)	08/04/88-10/19/95	18	8.3	8.158	8.9	7.7	0.097	0.311	7.79	8.075	8.4	8.63
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-10/19/95	18	0.005	0.007	0.02	0.001	0.	0.005	0.002	0.004	0.008	0.016
00403 PH, LAB, STANDARD UNITS SU	08/04/88-09/11/95	16	7.9	7.869	8.2	7.	0.105	0.324	7.35	7.725	8.1	8.2
00403 CONVERTED PH, LAB, STANDARD UNITS	08/04/88-09/11/95	16	7.9	7.719	8.2	7.	0.129	0.359	7.35	7.725	8.1	8.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-09/11/95	16	0.013	0.019	0.1	0.006	0.001	0.023	0.006	0.008	0.019	0.052
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	16	103.	103.813	137.	77.	265.096	16.282	80.5	93.	114.75	130.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/88-09/11/95	16	3.	3.875	9.	1.5	5.917	2.432	1.5	1.625	5.	8.3
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/04/88-09/11/95	16 ##	1.25	1.25	2.	0.5	0.133	0.365	0.85	1.	1.5	1.65
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	08/04/88-09/11/95	16	3.	3.219	8.	0.5	4.299	2.073	1.2	1.5	4.	7.3
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/88-08/09/95	17	0.04	0.049	0.12	0.02	0.001	0.037	0.02	0.02	0.08	0.112
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	17	0.01	0.015	0.06	0.005	0.	0.014	0.005	0.005	0.02	0.036
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/88-08/09/95	17	0.41	0.402	0.61	0.21	0.01	0.101	0.266	0.315	0.47	0.546
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/88-08/09/95	17	0.2	0.265	0.6	0.1	0.014	0.117	0.18	0.2	0.3	0.44
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/04/88-08/09/95	17 ##	0.05	0.074	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/88-09/11/95	16	2.15	2.188	4.4	0.5	0.924	0.961	0.5	1.9	2.75	3.56
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/88-09/11/95	16	109.	111.625	140.	86.	278.783	16.697	88.1	99.	127.25	138.6
00940 CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	15	4.	4.4	6.	3.	0.971	0.986	3.	4.	5.	6.
00945 SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	15	8.	7.8	9.	7.	0.457	0.676	7.	7.	8.	9.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	12	100.	454.167	3300.	50.	856117.424	925.266	50.	50.	425.	2550.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/88-10/19/95	12	2.	2.185	3.519	1.699	0.349	0.59	1.699	1.699	2.599	3.334
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			153.035								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0065

NPS Station ID: BLRI0065
 Location: JAMES RIVER NR GLASGOW
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080203064
 RF3 Index: 02080203084100.00
 Description:

LAT/LON: 37.583338/ -79.416671

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.800
 RF3 Mile Point: 3.54

Agency: 11NATDC
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): T0703053 /2225
 Within Park Boundary: No

Date Created: 12/14/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.40
 Distance from RF3: 0.45

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0065

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0066

NPS Station ID: BLRI0066
 Location: JAMES RIVER @ GLASGOW
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080203
 Major Basin:
 Minor Basin:
 RF1 Index: 02080203
 RF3 Index: 02080203005910.76
 Description:

LAT/LON: 37.583338/ -79.416671

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 10.76

Agency: 11BIOACC
 FIPS State/County: 51009 VIRGINIA/AMHERST
 STORET Station ID(s): 2225
 Within Park Boundary: No

Date Created: 02/24/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.20
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0066

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	09/06/84-09/06/84	3	2.58	1.997	2.93	0.48	1.756	1.325	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	09/06/84-09/06/84	3	1.235	1.345	1.7	1.1	0.099	0.315	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	09/06/84-09/06/84	3	2.86	2.345	3.25	0.925	1.55	1.245	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	09/06/84-09/06/84	3 ##	0.69	0.61	0.72	0.42	0.027	0.165	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	09/06/84-09/06/84	3	6.67	4.65	6.92	0.36	13.819	3.717	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT,PG/G	09/06/84-09/06/84	3	38.76	27.963	44.75	0.38	579.6	24.075	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT,PG/G	09/06/84-09/06/84	3	1.54	1.297	1.96	0.39	0.661	0.813	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT,PG/G	09/06/84-09/06/84	1 ##	0.425	0.425	0.425	0.425	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT,PG/G	09/06/84-09/06/84	1 ##	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT,PG/G	09/06/84-09/06/84	3 ##	1.42	1.42	1.425	1.415	0.	0.005	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT,PG/G	09/06/84-09/06/84	3 ##	1.385	1.385	1.39	1.38	0.	0.005	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT,PG/G	09/06/84-09/06/84	1 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- , FISH,WET WT,PG/G	09/06/84-09/06/84	3	4.49	3.748	6.03	0.725	7.448	2.729	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- , FISH,WET WT,PG/G	09/06/84-09/06/84	3 ##	1.305	1.305	1.31	1.3	0.	0.005	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/06/84-09/06/84	3	5.86	4.425	6.76	0.655	10.862	3.296	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/06/84-09/06/84	3	13.98	10.273	16.8	0.04	80.529	8.974	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	09/06/84-09/06/84	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0067

NPS Station ID: BLRI0067
 Location: CONFLU MAURY R.(NOT A SAMP PT.)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0274.20
 HUC: 02080202
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080202003
 RF3 Index: 02080202000308.44

LAT/LON: 37.678337/ -79.425560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.140
 RF3 Mile Point: 15.80

Agency: 1113REG3
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): JAMES RIVER6 /JMS279.5
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.50
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0067

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0069

NPS Station ID: BLRI0069
 Location: BRIDGE ON US RT 501 NEAR SNOWOEN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0271.50
 HUC: 02080202
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER JAMES RIVER
 RF1 Index: 02080202001
 RF3 Index: 02080202002400.05

LAT/LON: 37.632781/ -79.441116

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.010
 RF3 Mile Point: 0.05

Agency: 1113REG3
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): JAMES RIVER7 /JMS274.2
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.08

On/Off RF1: OFF
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/73-10/18/73	2	16.25	16.25	18.	14.5	6.125	2.475	**	**	**	**
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	10/16/73-10/18/73	2	390.	390.	400.	380.	200.	14.142	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/73-10/18/73	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/16/73-10/18/73	2	6.75	6.75	8.5	5.	6.125	2.475	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/16/73-10/18/73	2	27.5	27.5	30.	25.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/73-10/18/73	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	10/16/73-10/18/73	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/16/73-10/18/73	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00362	BOD, 40 DAY, 20 DEG C MG/L	10/16/73-10/18/73	2	2.35	2.35	2.6	2.1	0.125	0.354	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/16/73-10/18/73	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/16/73-10/18/73	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/73-10/18/73	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/16/73-10/18/73	2	103.5	103.5	105.	102.	4.5	2.121	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	10/16/73-10/18/73	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/16/73-10/18/73	2	226.5	226.5	240.	213.	364.5	19.092	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/73-10/18/73	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/73-10/18/73	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-10/18/73	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.019	0.019	0.02	0.018	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-10/18/73	2	0.199	0.199	0.217	0.18	0.001	0.026	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/73-10/18/73	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/73-10/18/73	2	0.085	0.085	0.1	0.07	0.	0.021	**	**	**	**
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	10/16/73-10/18/73	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/73-10/18/73	2	2.9	2.9	3.4	2.4	0.5	0.707	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	10/16/73-10/18/73	2	143.5	143.5	145.	142.	4.5	2.121	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/16/73-10/18/73	2	45.	45.	46.	44.	2.	1.414	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	10/16/73-10/18/73	2	7.55	7.55	7.7	7.4	0.045	0.212	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/16/73-10/18/73	2	22.5	22.5	24.	21.	4.5	2.121	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/73-10/18/73	2	33.5	33.5	35.	32.	4.5	2.121	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-10/18/73	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-10/18/73	2##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/16/73-10/18/73	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-10/18/73	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-10/18/73	2##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-10/18/73	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/16/73-10/18/73	2	3.	3.	3.	3.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	10/16/73-10/18/73	2	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/16/73-10/18/73	2	GEOMETRIC MEAN = 3.		17000.	14000.	4500000.	2121.32	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/18/73	2	15500.	15500.	17000.	14000.	4500000.	2121.32	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/18/73	2	4.188	4.188	4.23	4.146	0.004	0.06	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/16/73-10/18/73	2	GEOMETRIC MEAN = 15427.249		17000.	14000.	4500000.	2121.32	**	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/18/73	2##	275.	275.	500.	50.	101250.	318.198	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/18/73	2##	2.199	2.199	2.699	1.699	0.5	0.707	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/16/73-10/18/73	2	GEOMETRIC MEAN = 158.114		17000.	14000.	4500000.	2121.32	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	4.01	4.01	4.06	3.96	0.005	0.071	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/16/73-10/18/73	2	5.2	5.2	5.56	4.84	0.259	0.509	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/16/73-10/18/73	2	0.93	0.93	0.95	0.91	0.001	0.028	**	**	**	**
32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	10/16/73-10/18/73	2	2.505	2.505	3.64	1.37	2.576	1.605	**	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	10/16/73-10/18/73	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/16/73-10/18/73	2	222.	222.	236.	208.	392.	19.799	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-10/18/73	2	1.4	1.4	1.6	1.2	0.08	0.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0069

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Obs	Exceed	Obs	Exceed	Obs	Exceed
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00				
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00				
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00				
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00				
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00				
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00				
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00				
		Drinking Water	250.	2	0	0.00	2	0	0.00				
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00				
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00				
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00				
		Drinking Water	1300.	2	0	0.00	2	0	0.00				
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00				
		Drinking Water	100.	2	0	0.00	2	0	0.00				
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00				
		Drinking Water	5000.	2	0	0.00	2	0	0.00				
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00				
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00				
		Drinking Water	2.	2	0	0.00	2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0070

NPS Station ID: BLRI0070
 Location: BELOW BUENA VISTA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080202
 RF3 Index: 05050001002205.48

LAT/LON: 37.648337/ -79.442782

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY010.01
 Within Park Boundary: No

Date Created: 10/30/93

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0048 TOPO MAP NAME: GLASGOW, VA

Parameter Inventory for Station: BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	85	15.6	15.292	27.8	2.1	53.348	7.304	4.4	8.9	22.2	25.
00300	OXYGEN, DISSOLVED MG/L	84	10.	9.969	14.4	2.6	3.496	1.87	7.7	8.6	11.35	12.45
00310	BOD, 5 DAY, 20 DEG C MG/L	3	1.8	3.067	6.3	1.1	7.963	2.822	**	**	**	**
00400	PH (STANDARD UNITS)	84	8.2	8.161	9.4	6.5	0.521	0.722	7.	7.5	8.8	9.
00400	CONVERTED PH (STANDARD UNITS)	84	8.2	7.559	9.4	6.5	0.888	0.942	7.	7.5	8.8	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	84	0.006	0.028	0.316	0.	0.003	0.058	0.001	0.002	0.032	0.1
00403	PH, LAB, STANDARD UNITS SU	3	7.9	7.833	8.3	7.3	0.253	0.503	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	7.9	7.646	8.3	7.3	0.306	0.553	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.013	0.023	0.05	0.005	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	3	115.	111.	139.	79.	912.	30.199	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	54	153.	165.185	769.	93.	8662.72	93.074	110.	129.	173.25	204.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	55	41.	44.018	148.	0.	570.203	23.879	21.6	28.	58.	71.
00510	RESIDUE, TOTAL FIXED (MG/L)	54	106.	121.222	710.	7.	8174.818	90.415	71.5	84.5	126.25	158.5
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	55	4.	19.482	362.	0.	3710.25	60.912	0.	1.	12.	28.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	54	2.	4.463	30.	0.	47.508	6.893	0.	0.5	5.	14.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	55	2.	15.173	338.	0.	3156.622	56.184	0.	0.	6.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	59##	0.05	0.063	0.3	0.03	0.002	0.041	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	4	0.005	0.008	0.03	0.005	0.	0.005	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	52	0.34	0.365	1.099	0.025	0.045	0.211	0.14	0.213	0.435	0.663
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	58	0.2	0.243	0.7	0.05	0.024	0.155	0.1	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	0.18	0.268	0.62	0.17	0.032	0.178	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	142.	142.	142.	142.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	9##	1.5	4.556	28.	1.	77.778	8.819	1.	1.	2.5	28.
01027	CADMIUM, TOTAL (UG/L AS CD)	14##	5.	6.429	25.	5.	28.571	5.345	5.	5.	5.	15.
01034	CHROMIUM, TOTAL (UG/L AS CR)	21##	5.	5.714	10.	5.	3.214	1.793	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	20##	5.	8.5	40.	5.	68.684	8.288	5.	5.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	3	100.	113.333	190.	50.	5033.333	70.946	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	19##	5.	5.105	11.	1.	6.766	2.601	1.	5.	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	2	114.95	114.95	209.9	20.	18031.005	134.28	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	8##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	20	10.	21.5	160.	5.	1195.	34.569	5.	5.	20.	48.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/25/67-10/27/70	5	4600.	12500.	43000.	1500.	304480000.	17449.355	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	09/25/67-10/27/70	5	3.663	3.779	4.633	3.176	0.334	0.578	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =		6008.752									
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	79 ##	50.	6718.987	460000.	50.	2671618673.32	51687.703	50.	50.	500.	5100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-12/02/78	79 ##	1.699	2.258	5.663	1.699	0.672	0.82	1.699	1.699	2.699	3.708
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		181.242									
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/23/70-12/02/78	59 ##	0.05	0.069	0.4	0.05	0.003	0.058	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/70-12/02/78	59 ##	0.05	0.043	0.2	0.005	0.001	0.035	0.005	0.01	0.05	0.09
71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-08/01/78	19 ##	0.25	0.258	0.5	0.15	0.004	0.063	0.25	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0070

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	1	0.01	26	0	0.00	35	0	0.00	23	1	0.04			
00400	PH	Other-Hi Lim.	9.	84	18	0.21	25	11	0.44	36	3	0.08	23	4	0.17			
		Other-Lo Lim.	6.5	84	2	0.02	25	0	0.00	36	2	0.06	23	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	59	0	0.00	20	0	0.00	23	0	0.00	16	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	52	0	0.00	17	0	0.00	22	0	0.00	13	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	1	1.00							1	1	1.00			
		Drinking Water	5.	1 &	1	1.00							1	1	1.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	21	0	0.00	8	0	0.00	7	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	20	2	0.10	7	0	0.00	7	1	0.14	6	1	0.17			
		Drinking Water	1300.	20	0	0.00	7	0	0.00	7	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	19	0	0.00	8	0	0.00	7	0	0.00	4	0	0.00			
		Drinking Water	15.	19	0	0.00	8	0	0.00	7	0	0.00	4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	100.	8	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	20	1	0.05	8	1	0.13	6	0	0.00	6	0	0.00			
		Drinking Water	5000.	20	0	0.00	8	0	0.00	6	0	0.00	6	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	2	2	1.00	1	1	1.00	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	79	28	0.35	24	7	0.29	35	13	0.37	20	8	0.40			
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	2.	19	0	0.00	7	0	0.00	7	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	6	15.3	13.35	22.2	2.8	52.287	7.231	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	6	8.65	8.783	11.	7.2	2.41	1.552	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	6	8.45	8.1	9.	6.5	0.892	0.944	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	6	8.382	7.223	9.	6.5	1.815	1.347	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	6	0.004	0.06	0.316	0.001	0.016	0.126	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	2	231300.	231300.	460000.	2600.104607380000.	323430.642		**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	2	4.539	4.539	5.663	3.415	2.526	1.589	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		34583.233									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	10	16.15	13.95	25.6	3.9	74.609	8.638	3.95	4.4	21.55	25.48
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	10	10.5	10.34	12.	7.2	2.116	1.455	7.42	9.4	11.8	11.98
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	10	8.25	7.98	9.	6.5	0.848	0.921	6.55	7.	8.85	9.
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	10	8.182	7.246	9.	6.5	1.447	1.203	6.55	7.	8.85	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	10	0.007	0.057	0.316	0.001	0.01	0.099	0.001	0.001	0.1	0.295
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	9	1200.	2711.111	8000.	100.	1025611.111	3202.516	100.	350.	5800.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	9	3.079	3.065	3.903	2.	0.445	0.667	2.	2.54	3.73	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		1160.422									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	12	14.45	14.583	25.	5.	48.072	6.933	5.33	8.35	21.65	24.49
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	12	10.	10.283	13.2	8.	2.747	1.657	8.18	8.7	11.775	12.99
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.	7.95	8.8	7.	0.299	0.547	7.12	7.5	8.425	8.77
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.	7.661	8.8	7.	0.39	0.625	7.12	7.5	8.425	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	12	0.01	0.022	0.1	0.002	0.001	0.028	0.002	0.004	0.032	0.082
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	100.	1745.833	6000.	50.	6857026.515	2618.592	50.	50.	4975.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12	2.	2.491	3.778	1.699	0.845	0.919	1.699	1.699	3.653	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		309.398									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	7	13.3	14.043	22.2	2.8	43.403	6.588	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	7	10.2	10.114	13.3	8.1	3.248	1.802	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	7	8.5	8.271	8.8	6.8	0.492	0.702	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	7	8.5	7.587	8.8	6.8	1.039	1.019	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	7	0.003	0.026	0.158	0.002	0.003	0.059	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	7	200.	778.571	4400.	50.	2563214.286	1601.004	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	7	2.301	2.364	3.643	1.699	0.401	0.634	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			231.096								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	12	16.4	15.467	24.	4.4	48.926	6.995	5.42	8.45	23.175	23.79
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	12	10.2	10.392	13.	8.	3.197	1.788	8.03	8.9	12.125	12.85
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.	8.008	9.	7.1	0.304	0.552	7.22	7.5	8.475	8.85
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.	7.724	9.	7.1	0.393	0.627	7.22	7.5	8.475	8.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	12	0.01	0.019	0.079	0.001	0.001	0.022	0.002	0.003	0.032	0.065
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12 ##	50.	583.333	6000.	50.	2926515.152	1710.706	50.	50.	50.	4350.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12 ##	1.699	1.956	3.778	1.699	0.412	0.642	1.699	1.699	1.699	3.454
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			90.275								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	12	15.55	15.	27.2	3.9	58.902	7.675	4.74	8.45	19.725	27.05
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	12	10.4	10.217	12.7	2.6	6.918	2.63	4.52	10.05	11.725	12.61
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.3	8.125	9.2	6.7	0.693	0.832	6.79	7.35	8.925	9.14
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	12	8.289	7.467	9.2	6.7	1.165	1.079	6.79	7.35	8.925	9.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	12	0.005	0.034	0.2	0.001	0.004	0.06	0.001	0.001	0.045	0.17
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	12 ##	1.699	1.699	1.699	1.699	0.	0.	1.699	1.699	1.699	1.699
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	11	18.	16.636	27.8	3.3	52.063	7.215	4.42	11.7	22.8	26.8
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	10	9.55	9.58	12.5	6.8	2.684	1.638	6.92	8.3	10.675	12.34
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	11	8.	8.264	9.4	7.	0.595	0.771	7.1	7.7	9.	9.34
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	11	8.	7.752	9.4	7.	0.882	0.939	7.1	7.7	9.	9.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	11	0.01	0.018	0.1	0.	0.001	0.029	0.	0.001	0.02	0.086
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11	100.	768.182	5100.	50.	2308136.364	1519.255	50.	50.	600.	4420.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	11	2.	2.292	3.708	1.699	0.513	0.716	1.699	1.699	2.778	3.612
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			195.844								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	8	13.5	13.438	27.	2.1	75.22	8.673	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	8	9.15	9.85	14.4	7.2	5.711	2.39	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	8	8.5	8.488	9.	7.8	0.236	0.485	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	8	8.5	8.268	9.	7.8	0.29	0.539	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	8	0.003	0.005	0.016	0.001	0.	0.005	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	8 ##	50.	87.5	300.	50.	7678.571	87.627	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	8 ##	1.699	1.834	2.477	1.699	0.079	0.28	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			68.213								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	6	24.75	22.167	26.2	15.3	25.923	5.091	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	6	9.75	9.633	11.2	7.5	2.203	1.484	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	6	9.	8.567	9.2	7.2	0.631	0.794	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	6	9.	7.893	9.2	7.2	1.175	1.084	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	6	0.001	0.013	0.063	0.001	0.001	0.025	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	6 ##	75.	108.333	300.	50.	9416.667	97.04	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	6 ##	1.849	1.929	2.477	1.699	0.094	0.306	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			84.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	26	23.3	21.112	27.8	2.1	41.963	6.478	12.14	18.175	25.15	27.06
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	26	8.9	9.238	13.	7.2	2.03	1.425	7.34	8.4	10.05	11.35
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	25	8.8	8.592	9.4	7.5	0.267	0.516	7.8	8.15	9.	9.04
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	25	8.8	8.26	9.4	7.5	0.382	0.618	7.8	8.15	9.	9.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	25	0.002	0.005	0.032	0.	0.	0.008	0.001	0.001	0.007	0.019
00500	RESIDUE, TOTAL (MG/L)	04/23/70-12/02/78	17	174.	210.235	769.	145.	21152.816	145.44	149.8	157.	199.5	321.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/25/67-12/02/78	18	47.	51.611	148.	0.	995.899	31.558	22.5	31.75	63.5	89.5
00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/70-12/02/78	17	125.	158.353	710.	7.	21458.618	146.488	75.	119.	148.	276.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/70-12/02/78	18	5.5	25.639	362.	0.	7072.847	84.1	0.45	0.875	11.25	52.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-12/02/78	18	2.	3.833	24.	0.	31.735	5.633	0.	0.5	5.25	9.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/23/70-12/02/78	18	2.	21.972	338.	0.	6232.514	78.946	0.	0.5	6.5	42.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/70-12/02/78	20###	0.05	0.067	0.3	0.05	0.003	0.058	0.05	0.05	0.05	0.131
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/70-12/02/78	20	0.01	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/70-11/03/77	17	0.29	0.354	1.099	0.1	0.062	0.249	0.132	0.18	0.395	0.78
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/70-12/02/78	20	0.2	0.22	0.7	0.05	0.028	0.167	0.055	0.1	0.3	0.49
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	24###	50.	877.083	6000.	50.	3374995.471	1837.116	50.	50.	450.	5200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	24###	1.699	2.174	3.778	1.699	0.568	0.753	1.699	1.699	2.644	3.711
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			149.194								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	04/23/70-12/02/78	20###	0.05	0.095	0.4	0.05	0.009	0.093	0.05	0.05	0.1	0.285
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/70-12/02/78	20	0.045	0.05	0.2	0.005	0.002	0.046	0.005	0.013	0.068	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	36	8.9	8.928	17.2	2.8	16.724	4.09	3.72	5.15	12.2	15.18
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	35	11.	11.043	14.4	6.8	2.393	1.547	9.2	10.	12.2	12.9
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	36	7.9	7.825	9.2	6.5	0.561	0.749	6.77	7.125	8.5	8.79
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	36	7.889	7.292	9.2	6.5	0.853	0.923	6.77	7.125	8.5	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	36	0.013	0.051	0.316	0.001	0.007	0.081	0.002	0.003	0.075	0.171
00500	RESIDUE, TOTAL (MG/L)	04/23/70-12/02/78	21	134.	142.333	333.	93.	2692.833	51.893	94.6	110.5	159.	189.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/25/67-12/02/78	21	41.	38.286	63.	7.	296.214	17.211	11.8	23.	53.	62.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/70-12/02/78	21	95.	104.048	280.	57.	2179.048	46.68	65.4	81.5	116.5	149.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/70-12/02/78	21	4.	21.	282.	0.	3703.775	60.859	0.1	2.	9.5	39.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-12/02/78	20	2.	6.15	30.	0.	86.318	9.291	0.	0.125	10.75	26.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/23/70-12/02/78	21	2.	15.19	252.	0.	2974.737	54.541	0.	0.	5.	21.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/70-12/02/78	23###	0.05	0.058	0.2	0.03	0.001	0.033	0.05	0.05	0.05	0.084
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/70-12/02/78	23###	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/70-11/03/77	22	0.365	0.398	0.9	0.025	0.054	0.232	0.105	0.205	0.575	0.767
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/70-12/02/78	22	0.2	0.241	0.6	0.05	0.022	0.149	0.065	0.1	0.325	0.47
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	35	100.	13778.571	460000.	50.	6030854894.958	77658.579	50.	50.	500.	3000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	35	2.	2.275	5.663	1.699	0.763	0.873	1.699	1.699	2.699	3.472
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			188.258								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	04/23/70-12/02/78	23###	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/70-12/02/78	23###	0.04	0.037	0.1	0.005	0.001	0.029	0.005	0.01	0.05	0.092

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-12/02/78	23	18.5	18.674	26.	12.8	11.141	3.338	15.	15.6	22.2	22.56
00300	OXYGEN, DISSOLVED MG/L	09/25/67-12/02/78	23	9.4	9.161	11.9	2.6	4.035	2.009	7.2	8.	10.4	11.56
00400	PH (STANDARD UNITS)	04/23/70-12/02/78	23	8.2	8.217	9.2	7.	0.385	0.621	7.38	7.8	8.8	9.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	04/23/70-12/02/78	23	8.2	7.823	9.2	7.	0.548	0.74	7.38	7.8	8.8	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/70-12/02/78	23	0.006	0.015	0.1	0.001	0.001	0.023	0.001	0.002	0.016	0.043
00500	RESIDUE, TOTAL (MG/L)	04/23/70-12/02/78	16	136.	147.313	246.	101.	1082.896	32.907	116.4	129.	164.5	194.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/25/67-12/02/78	16	33.5	43.	84.	22.	412.8	20.317	22.	25.25	63.	73.5
00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/70-12/02/78	16	101.	104.313	181.	70.	809.296	28.448	71.4	82.	120.25	153.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/23/70-12/02/78	16	3.5	10.563	64.	0.	269.062	16.403	0.	0.25	19.	34.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-12/02/78	16	1.5	3.063	14.	0.	16.196	4.024	0.	0.	4.75	11.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/23/70-12/02/78	16	2.	7.5	58.	0.	215.733	14.688	0.	0.	8.25	31.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/70-12/02/78	16 ##	0.05	0.066	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/70-12/02/78	16 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.023
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/70-11/03/77	13	0.34	0.322	0.46	0.14	0.008	0.09	0.164	0.26	0.38	0.444
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/70-12/02/78	16	0.25	0.275	0.6	0.1	0.023	0.153	0.1	0.125	0.4	0.53
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	20 ##	75.	1375.	8000.	50.	6579605.263	2565.074	50.	50.	550.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-12/02/78	20 ##	1.849	2.331	3.903	1.699	0.691	0.832	1.699	1.699	2.734	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			214.192								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	04/23/70-12/02/78	16 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/70-12/02/78	16 ##	0.05	0.042	0.09	0.005	0.001	0.022	0.005	0.023	0.05	0.069

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0071

NPS Station ID: BLRI0071
 Location: RT. 130 BRIDGE AT GLASGOW
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080202001
 RF3 Index: 02080201004200.02

LAT/LON: 37.631670/ -79.443892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.760
 RF3 Mile Point: 0.02

Agency: 21VASWCB
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 2-MRY000.46 /VA2-12-X0173/VA2-6X0173
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 6 VALLEY
 RIVER: MAURY RIVER SECTION: 12 TOPO MAP #: 0048 TOPO MAP NAME: GLASGOW, VA

Parameter Inventory for Station: BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	259	15.5	15.049	30.3	0.	62.175	7.885	4.4	8.	22.	25.2
00023	SAMPLE WEIGHT IN POUNDS	06/26/90-06/26/90	3	0.55	1.2	2.8	0.25	1.943	1.394	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	06/26/90-06/26/90	3	10.7	11.5	17.4	6.4	30.73	5.543	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-04/15/92	28	2.9	13.311	170.	0.5	1281.176	35.794	0.88	1.525	5.65	33.2
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/11/94-09/11/95	15	3.7	4.807	11.4	2.	8.731	2.955	2.	2.5	6.	10.92
00080	COLOR (PLATINUM-COBALT UNITS)	02/11/91-11/09/92	21	14.	16.667	47.	8.	66.433	8.151	11.2	13.	17.5	26.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	101	245.	242.832	487.	2.	3860.121	62.13	183.4	204.5	273.	308.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	59	262.	248.22	333.	110.	1780.175	42.192	200.	220.	276.	289.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/92-10/19/95	40	9.45	9.75	15.	6.3	5.156	2.271	7.	7.725	11.55	13.2
00300	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	218	10.3	10.3	16.4	1.	4.385	2.094	8.	8.7	11.8	13.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	197	1.	1.445	8.	0.5	0.938	0.969	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	162	6.	7.565	116.	0.5	103.398	10.168	1.	4.	9.	12.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	258	8.3	8.212	9.4	5.6	0.368	0.606	7.49	7.915	8.6	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	258	8.3	7.445	9.4	5.6	0.958	0.979	7.49	7.915	8.6	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	258	0.005	0.036	2.512	0.	0.05	0.223	0.001	0.003	0.012	0.032
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	110	8.	7.965	8.9	6.6	0.125	0.353	7.6	7.8	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	110	8.	7.782	8.9	6.6	0.158	0.398	7.6	7.8	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	110	0.01	0.017	0.251	0.001	0.001	0.027	0.005	0.006	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	107	113.	107.256	150.	0.4	776.364	27.863	75.6	93.	127.	135.
00500	RESIDUE, TOTAL (MG/L)	03/25/70-08/05/92	89	155.	172.461	800.	18.	9738.979	98.686	120.	136.5	172.5	207.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/25/70-08/05/92	89	35.	53.034	700.	0.	8846.647	94.057	18.	27.	49.5	68.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/25/70-08/05/92	89	120.	127.438	517.	11.	4363.908	66.06	80.	101.5	136.	160.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	215	5.	14.323	472.	0.	2620.885	51.195	1.5	2.5	9.	16.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	214	2.5	4.082	118.	0.	86.168	9.283	1.	1.5	3.25	7.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	214	2.5	9.023	418.	0.	1294.035	35.973	0.5	2.	5.	11.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	225 ##	0.05	0.061	0.7	0.02	0.004	0.064	0.02	0.04	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	227 ##	0.005	0.009	0.07	0.005	0.	0.008	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	220	0.34	0.366	1.7	0.025	0.038	0.196	0.13	0.243	0.48	0.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	224	0.2	0.385	27.	0.05	3.224	1.796	0.1	0.2	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/78-12/02/78	6	0.23	0.292	0.63	0.14	0.032	0.178	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	157	0.1	0.15	0.6	0.05	0.011	0.106	0.05	0.05	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	119	0.07	0.097	0.5	0.005	0.006	0.08	0.02	0.04	0.14	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	188	3.3	4.226	27.	0.5	11.254	3.355	1.39	2.	5.35	8.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	101	122.	121.109	162.	10.	512.278	22.634	94.	109.5	139.5	145.6
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	63	5.	5.159	9.	2.	2.394	1.547	4.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	63	9.	8.968	13.	6.	1.418	1.191	8.	8.	10.	10.6
00951	FLUORIDE, TOTAL (MG/L AS F)	11/28/88-11/09/92	28 ##	0.105	0.099	0.25	0.05	0.003	0.051	0.05	0.05	0.14	0.151
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/08/89-11/09/92	27	5.5	37.348	482.	0.4	13459.474	116.015	1.86	4.2	7.1	86.84
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/20/82	17 ##	1.	1.618	5.	0.5	1.36	1.166	0.5	1.	2.5	3.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/08/79-07/10/91	4	6.4	6.2	7.	5.	0.827	0.909	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/26/90-06/26/90	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/15/83-06/15/83	1 ##	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/29/70-07/20/82	20 ##	5.	4.6	6.	0.5	2.016	1.42	0.95	5.	5.	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/08/79-07/10/91	4 ##	0.308	0.304	0.5	0.1	0.051	0.227	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/08/79-07/10/91	4	12.8	14.1	22.	8.8	40.92	6.397	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/20/82	30 ##	5.	5.7	20.	0.5	11.234	3.352	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/20/82	29 ##	5.	8.121	30.	0.5	41.53	6.444	5.	5.	10.	20.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/08/79-07/10/91	4	12.2	15.025	27.	8.7	69.683	8.348	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/70-12/02/78	4	140.	332.5	1000.	50.	200891.667	448.209	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/20/82	27 ##	5.	6.944	22.	0.5	33.737	5.808	1.	5.	10.	20.2
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/08/79-07/10/91	4	19.	18.5	25.	11.	39.	6.245	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-12/02/78	4	154.95	167.475	340.	20.	24618.836	156.904	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/24/73-12/02/78	14 ##	50.	46.786	50.	5.	144.643	12.027	27.5	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	07/20/82-07/20/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/08/79-07/10/91	4	14.1	16.8	32.	7.	116.827	10.809	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/26/90-06/26/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	06/26/90-06/26/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/10/91-07/10/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/10/90	31	10.	31.774	410.	5.	5169.247	71.897	5.	5.	30.	48.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/08/79-07/10/91	4	79.05	73.275	105.	30.	988.169	31.435	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/15/83-06/15/83	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/26/90-06/26/90	3	0.3	0.28	0.35	0.19	0.007	0.082	**	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	04/23/70-10/27/70	6	11000.	8500.	11000.	2400.	15484000.	3934.971	**	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	04/23/70-10/27/70	6	4.041	3.868	4.041	3.38	0.08	0.283	**	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =			7380.571								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	233	100.	824.893	34000.	50.	7261791.476	2694.771	50.	50.	400.	1560.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	233	2.	2.237	4.531	1.699	0.421	0.649	1.699	1.699	2.602	3.193
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			172.675								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/21/82-01/05/83	2 ##	3.5	3.5	7.	0.001	24.497	4.949	**	**	**	**
34204	ACENAPHTHYLENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE, TISSUE, WET WGT, MG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGT TISM/G/KG	06/26/90-06/26/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGT TISM/G/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGT TISM/G/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34324	CHRYSENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGT TISM/G/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGT TISM/G/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34385	FLUORENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGT TISM/G/KG	06/26/90-06/26/90	2	0.	0.	0.	0.	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34473	PYRENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGT BOTM/G/KG	06/15/83-06/15/83	1 ##	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
34525	BENZO(GH)PERYLENE I,12-BENZOPERYLEN WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE I,2-BENZANTHRACEN WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGT TISM/G/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34640	4-BROMOPHENYL PHENYL ETHER WET WGT TISMG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34667	PCB - 1232 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34669	PCB - 1248 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34670	PCB - 1260 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34674	PCB - 1016 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUE WET WGT, MG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34685	ENDRIN WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGT TISMG/KG	06/26/90-06/26/90	2 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
34687	HEPTACHLOR WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
34689	PCB - 1242 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34690	PCB - 1254 WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
34691	TOXAPHENE WET WGT TISMG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
38744	CHLORPYRIFOS-METHYL TISWET WGT MG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/26/90-07/10/91	2 ##	0.005	0.005	0.005	0.005	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER, WHOLE WATER SAMPL (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO, TISSUE WET WGT (UG/G)	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO, TISSUE, WET WT, UG/G	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE, TISSUE, WET WGT, MG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	**	**	**	**
39113	DIBUTYL PHTHALATES IN FISH, ANIMAL WET WGT UG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/20/82	4	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/15/83-07/10/91	2 ##	25.	25.	50.	0.	1250.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, UG/L	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS, DRY WGT, UG/KG	06/26/90-07/10/91	2 ##	250.25	250.25	500.	0.5	124750.125	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	2 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	2 ##	25.025	25.025	50.	0.05	1247.501	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	2 ##	25.025	25.025	50.	0.05	1247.501	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/71-07/16/80	7	0.35	0.279	0.8	0.	0.09	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/90-07/10/91	2 ##	25.025	25.025	50.	0.05	1247.501	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	2 ##	25.025	25.025	50.	0.05	1247.501	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/90-07/10/91	2 ##	250.25	250.25	500.	0.5	124750.125	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/90-07/10/91	2 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL, IN SEDIMENT, DRY (ISOMER ANALYSES) UG/KG	06/26/90-07/10/91	2 ##	375.	375.	500.	250.	31250.	**	**	**	**
39630	ATRAZINE(AA TREX) IN WHOLE WATER SAMPLE (UG/L)	07/20/82-07/20/82	1	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/15/83-06/15/83	1	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/09/79-07/16/80	3	0.	0.	0.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE), TISSUE, WET WEIGHT, MG/KG	06/26/90-06/26/90	3 ##	0.05	0.05	0.05	0.05	0.	**	**	**	**
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/26/90-06/26/90	3 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	04/15/82-06/17/85	7	0.	0.029	0.1	0.	0.002	**	**	**	**
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	67 ##	0.05	0.135	3.8	0.05	0.21	**	0.05	0.1	0.16
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	104	0.06	0.129	3.5	0.005	0.119	**	0.05	0.13	0.26
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/20/82	29 ##	0.25	0.238	0.5	0.15	0.004	**	0.25	0.25	0.25
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/08/79-07/10/91	4 ##	0.09	0.12	0.25	0.05	0.008	**	**	**	**
71930	MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/26/90-06/26/90	3	0.07	0.063	0.08	0.04	0.	**	**	**	**

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	3	5.5	4.6	5.7	2.6	3.01	1.735	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	3	8.9	10.767	16.	7.4	21.103	4.594	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/26/90-06/26/90	3##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/26/90-06/26/90	3##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/26/90-07/10/91	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	06/26/90-06/26/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/26/90-07/10/91	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/26/90-06/26/90	3	6.	6.	7.	5.	1.	1.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/26/90-06/26/90	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/26/90-06/26/90	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/26/90-06/26/90	3##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WGT MG/KG	06/26/90-06/26/90	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/26/90-06/26/90	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/07/92-06/07/94	25	2.2	4.764	38.	0.3	64.313	8.02	0.42	1.6	3.9	16.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0071

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	28	2	0.07	6	0	0.00	13	1	0.08	9	1	0.11			
00076	TURBIDITY, HACH TURBIDIMETER	50.	15	0	0.00	7	0	0.00	5	0	0.00	3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	40	0	0.00	13	0	0.00	16	0	0.00	11	0	0.00			
00300	OXYGEN, DISSOLVED	4.	218	2	0.01	65	0	0.00	96	1	0.01	57	1	0.02			
00400	PH	9.	258	33	0.13	79	15	0.19	111	10	0.09	68	8	0.12			
		6.5	258	4	0.02	79	0	0.00	111	4	0.04	68	0	0.00			
00403	PH, LAB	9.	110	0	0.00	36	0	0.00	45	0	0.00	29	0	0.00			
		6.5	110	0	0.00	36	0	0.00	45	0	0.00	29	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	227	0	0.00	68	0	0.00	97	0	0.00	62	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	220	0	0.00	65	0	0.00	96	0	0.00	59	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
		250.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	63	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	28	0	0.00	9	0	0.00	13	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	360.	17	0	0.00	9	0	0.00	4	0	0.00	4	0	0.00			
		50.	17	0	0.00	9	0	0.00	4	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	3.9	3 &	1	0.33	2	0	0.00	2	0	0.00	1	1	1.00			
		5.	3 &	1	0.33	2	0	0.00	2	0	0.00	1	1	1.00			
01034	CHROMIUM, TOTAL	100.	30	0	0.00	12	0	0.00	10	0	0.00	8	0	0.00			
01042	COPPER, TOTAL	18.	29	4	0.14	11	0	0.00	10	2	0.20	8	2	0.25			
		1300.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
01051	LEAD, TOTAL	82.	27	0	0.00	11	0	0.00	10	0	0.00	6	0	0.00			
		15.	27	3	0.11	11	1	0.09	10	1	0.10	6	1	0.17			
01065	NICKEL, DISSOLVED	1400.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			
		100.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			
01067	NICKEL, TOTAL	1400.	1	0	0.00	1	0	0.00	0	0	0.00	0	0	0.00			
		100.	1	0	0.00	1	0	0.00	0	0	0.00	0	0	0.00			
01092	ZINC, TOTAL	120.	31	1	0.03	12	1	0.08	11	0	0.00	8	0	0.00			
		5000.	31	0	0.00	12	0	0.00	11	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	6	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	233	94	0.40	72	27	0.38	101	45	0.45	60	22	0.37			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	20.	3	0	0.00	2	0	0.00	0	0	0.00	1	0	0.00			
		1.	3	0	0.00	2	0	0.00	0	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.1	3	0	0.00	2	0	0.00	0	0	0.00	1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	0.6	3	0	0.00	2	0	0.00	0	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

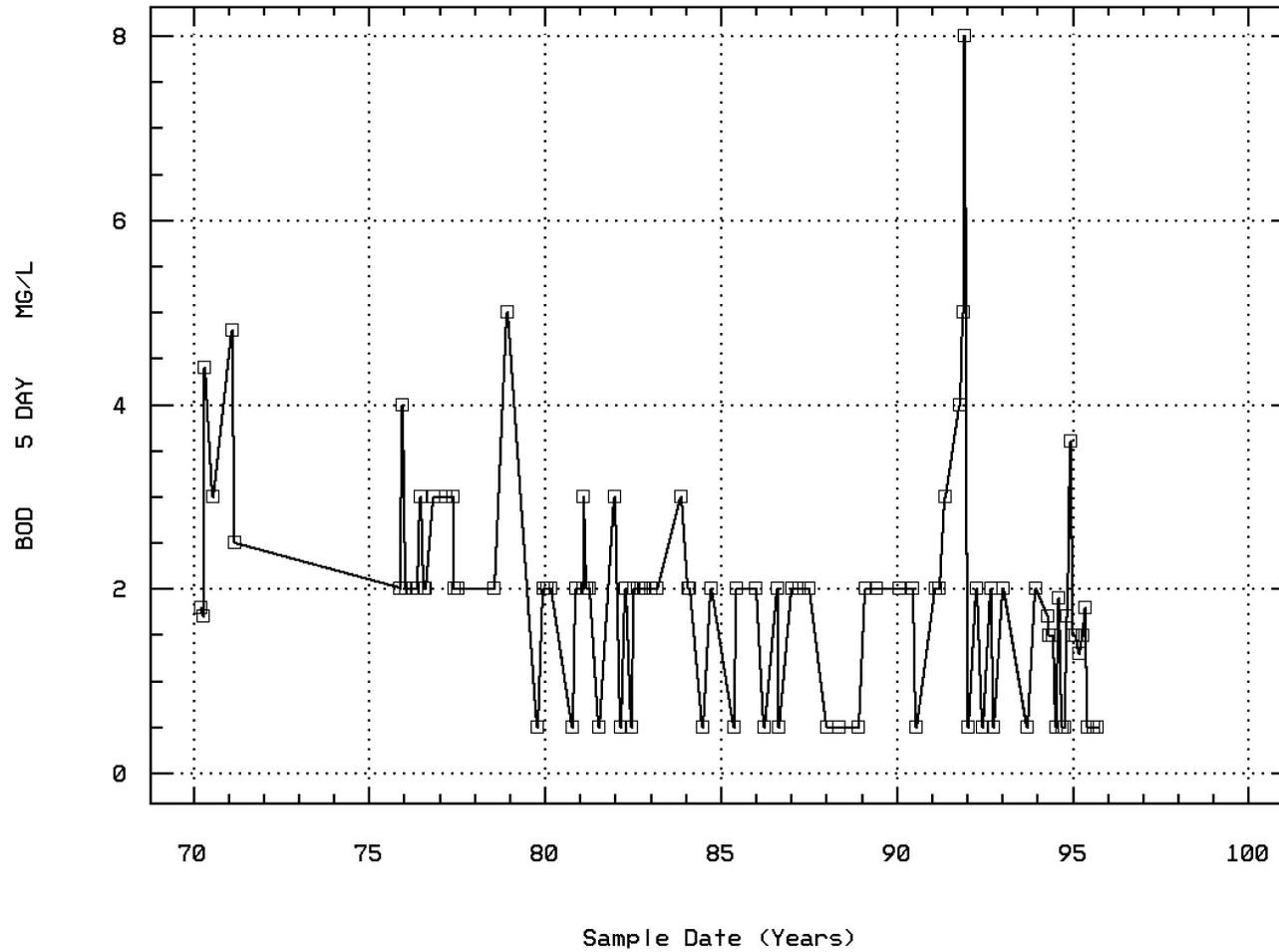
EPA Water Quality Criteria Analysis for Station: BLRI0071

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	2	0	0.00				1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00	3	0	0.00				1	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39380 DIELDRLN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00				1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	2	0	0.00				1	0	0.00			
50060 CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	7	2	0.29	1	0	0.00	2	0	0.00	4	2	0.50			
71900 MERCURY, TOTAL	Fresh Acute	2.4	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
	Drinking Water	2.	29	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	25	0	0.00	8	0	0.00	9	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: BLRI0071 Parameter Code: 00310

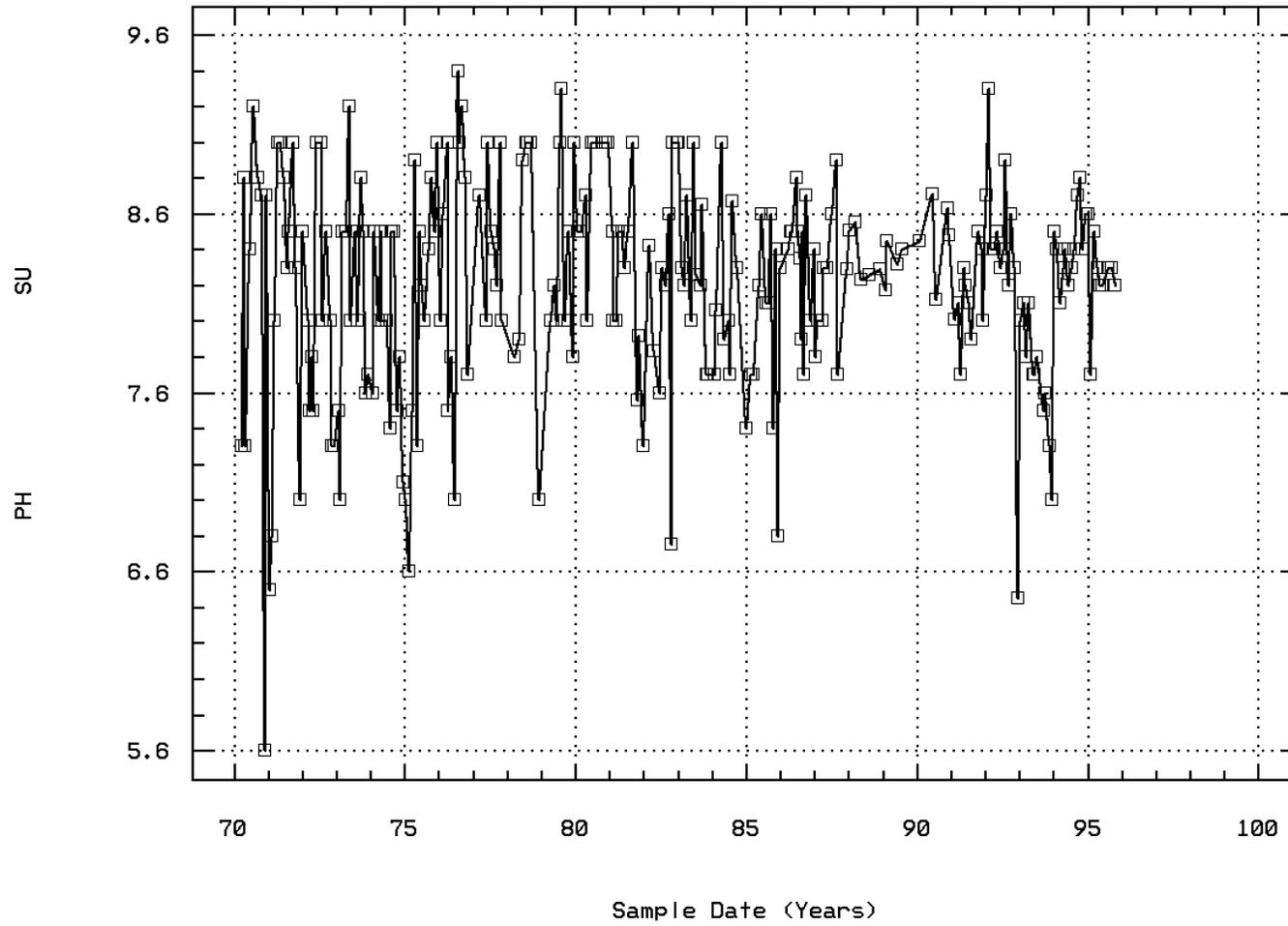
BOD, 5 DAY, 20 DEG C



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00400

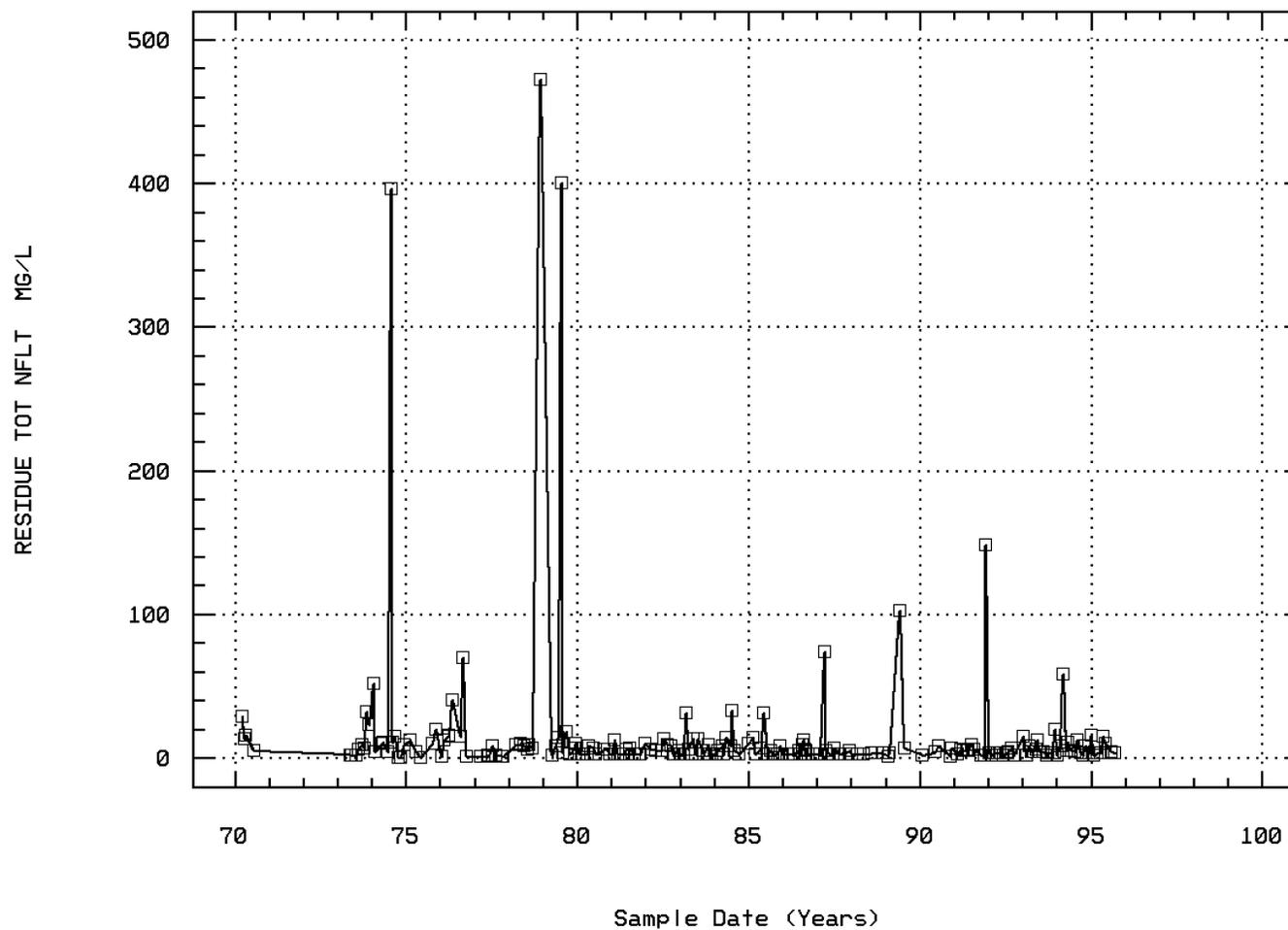
PH (STANDARD UNITS)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00530

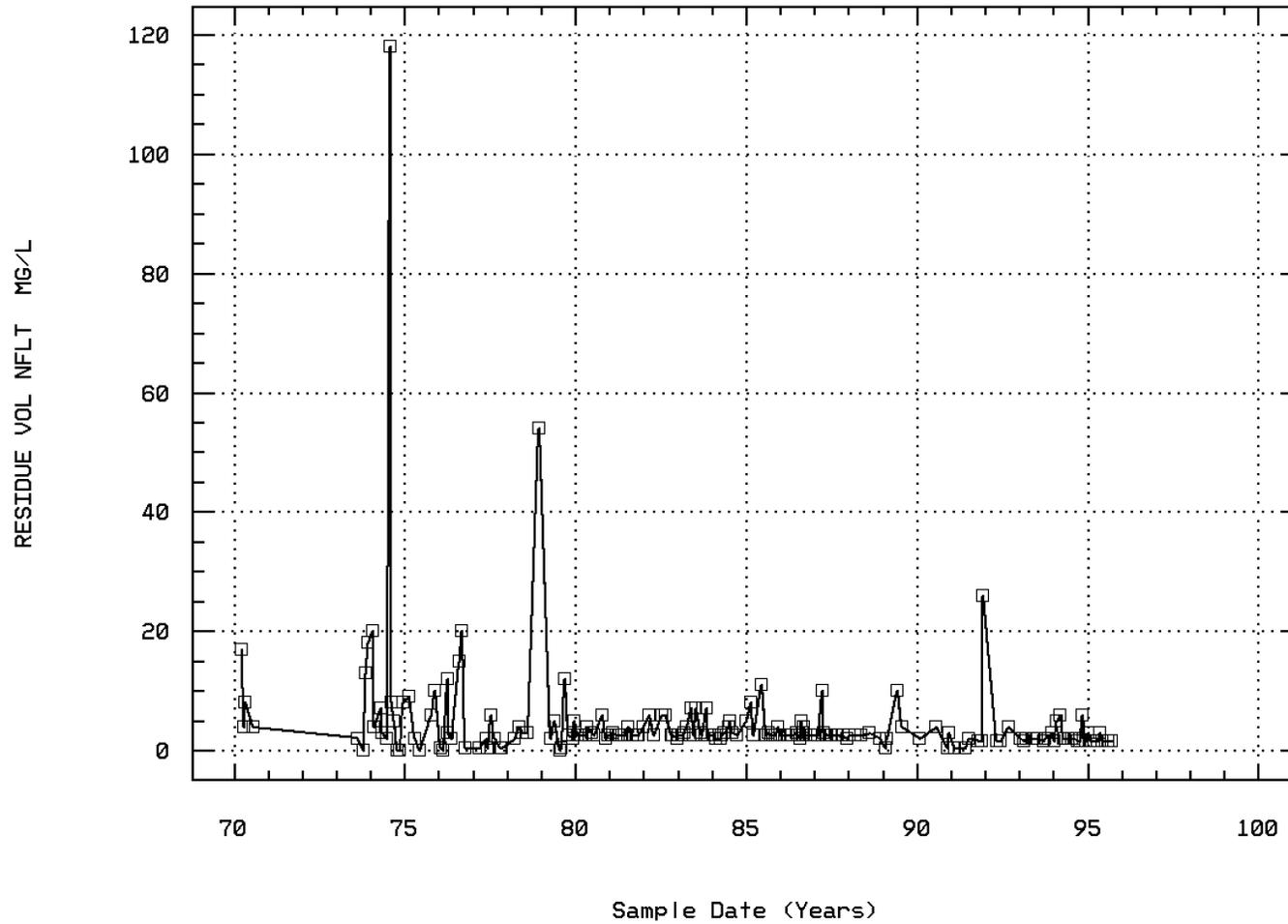
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00535

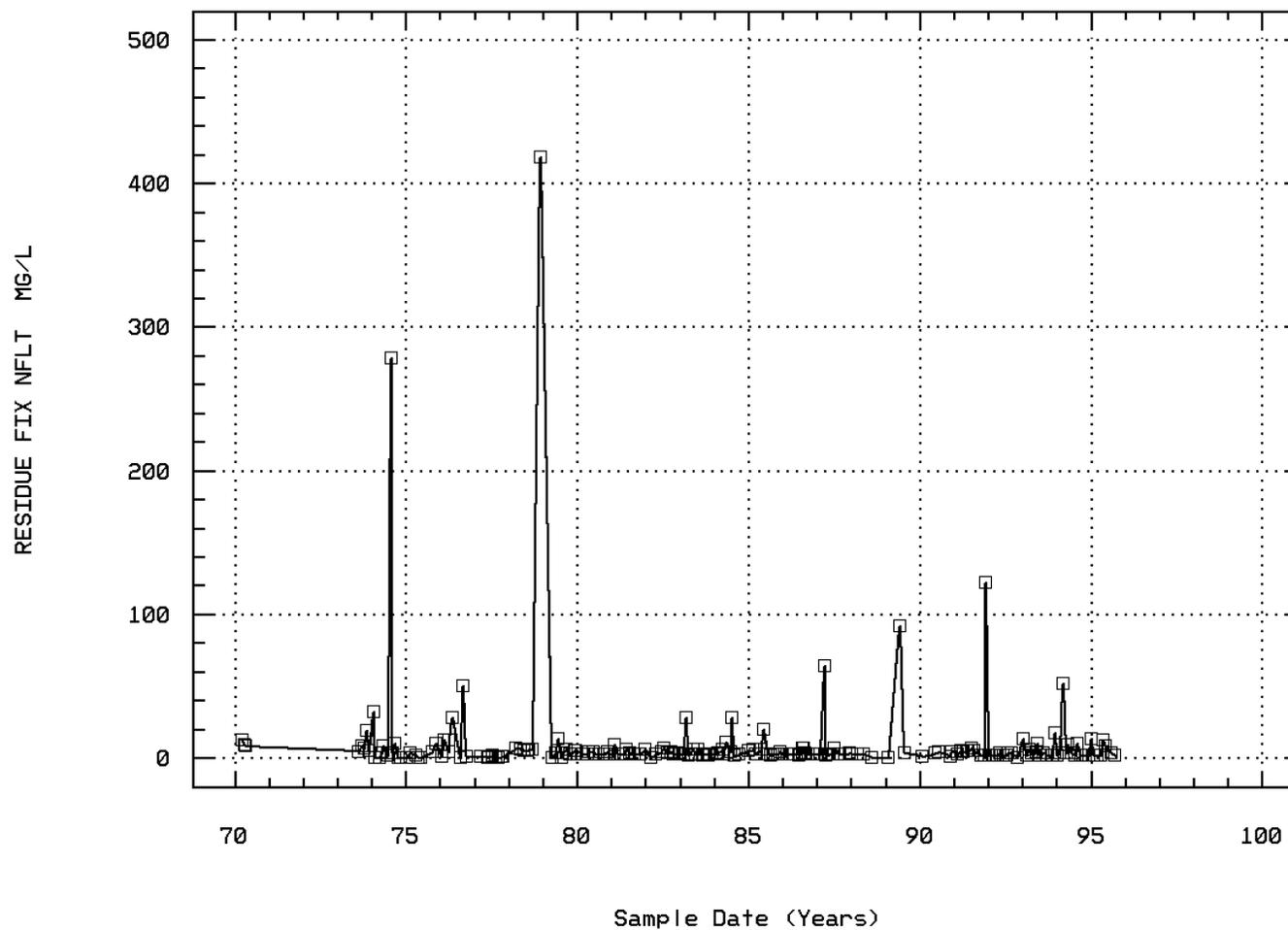
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00540

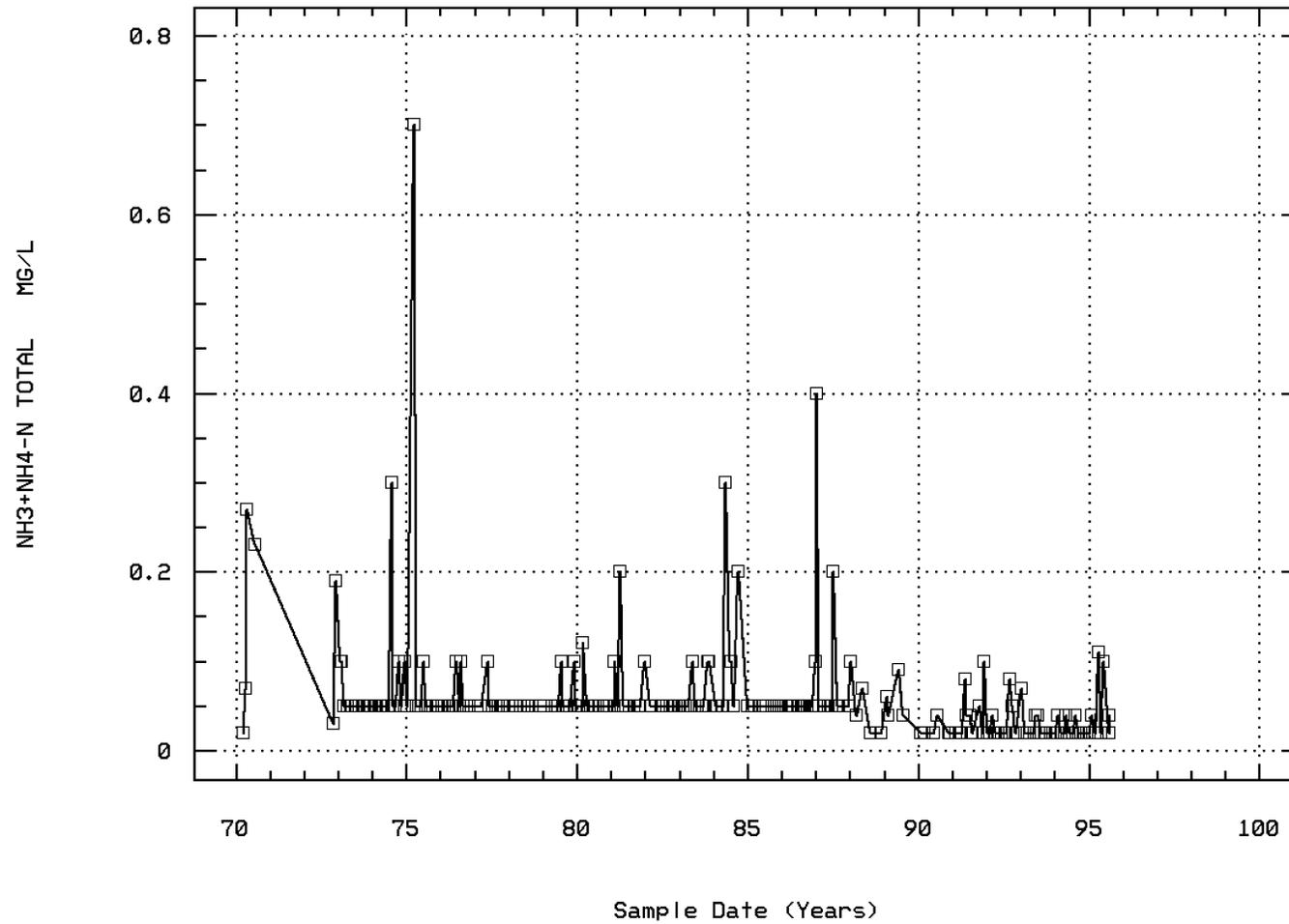
RESIDUE, FIXED NONFILTRABLE (MG/L)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00610

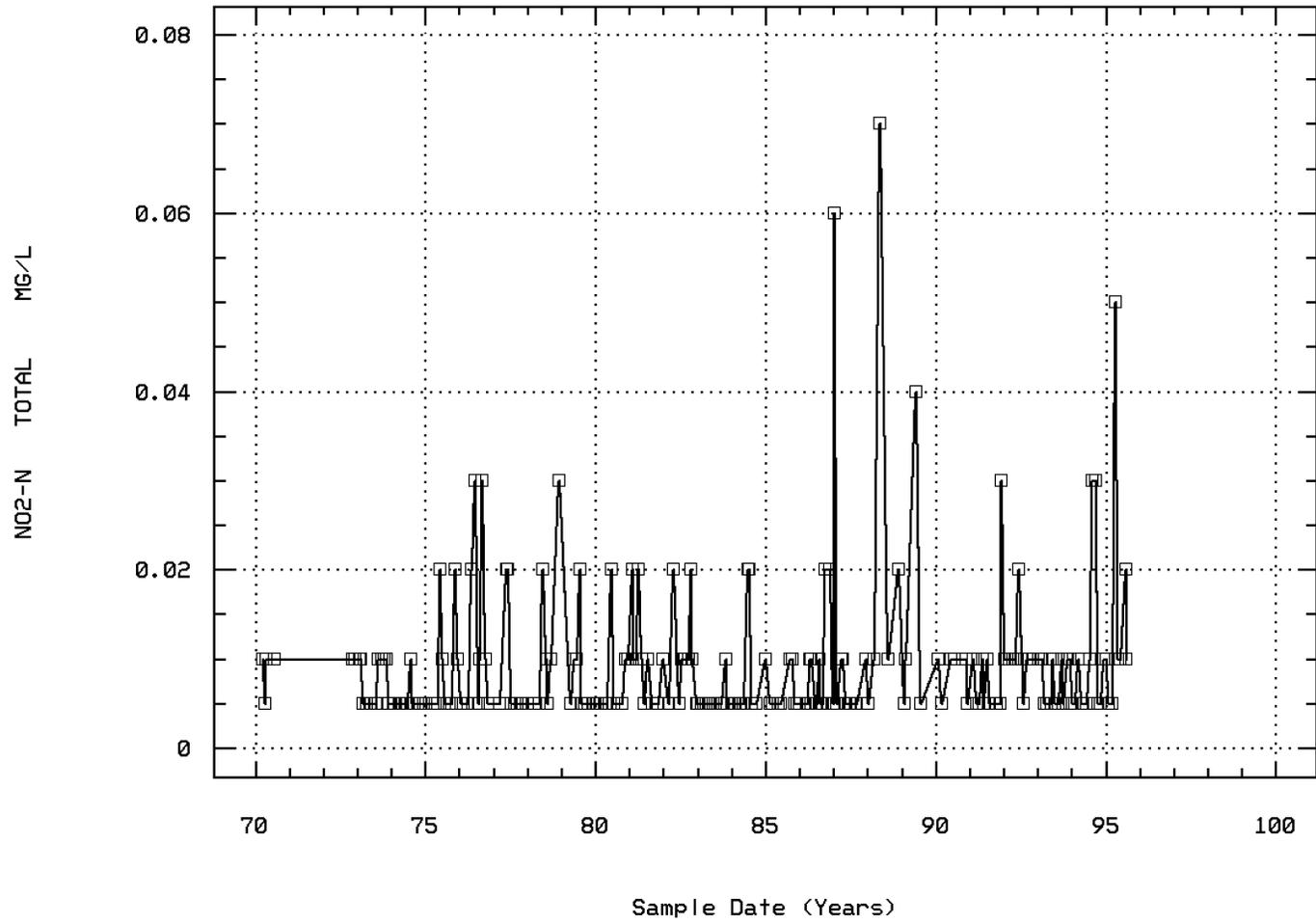
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00615

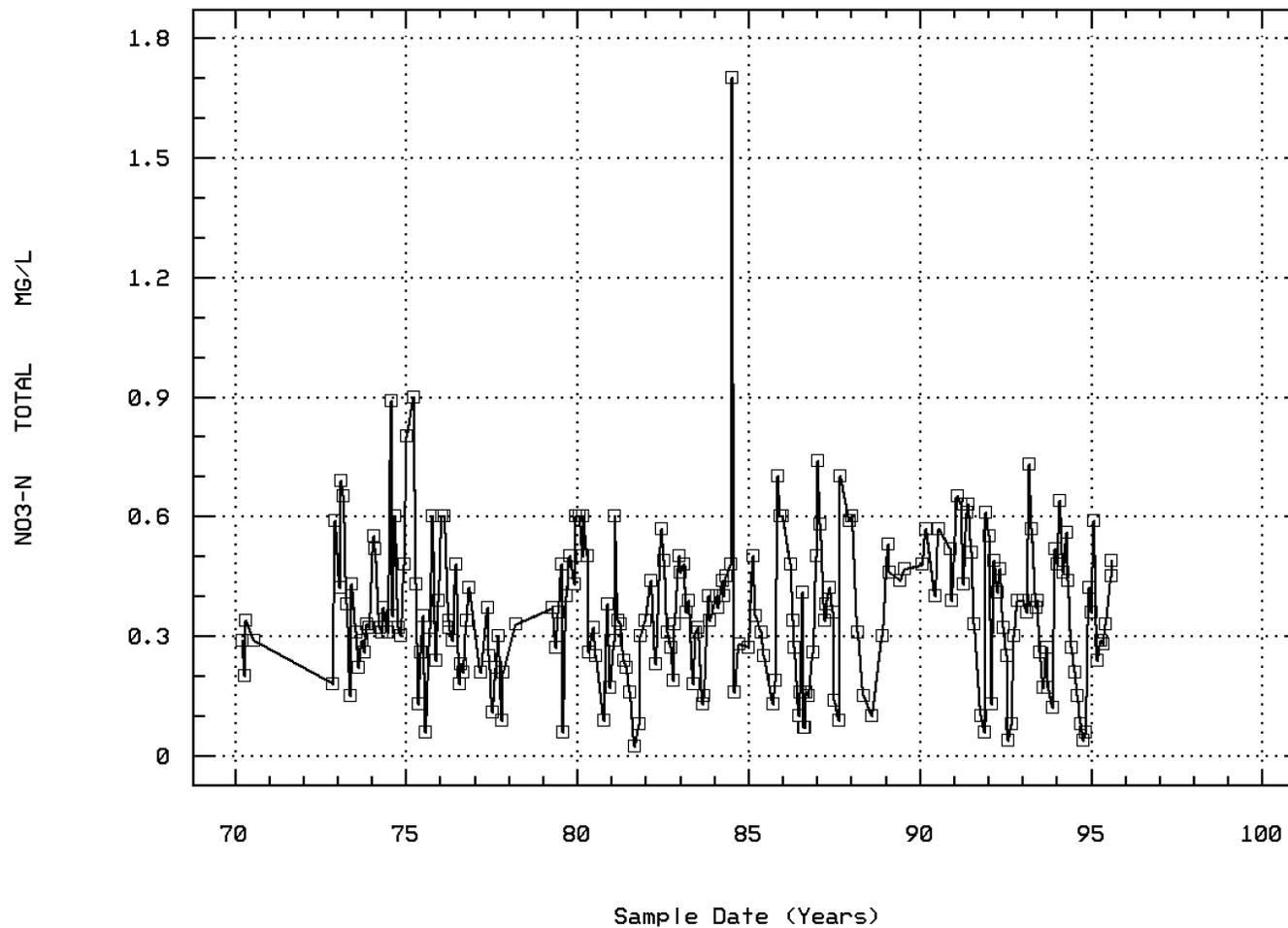
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00620

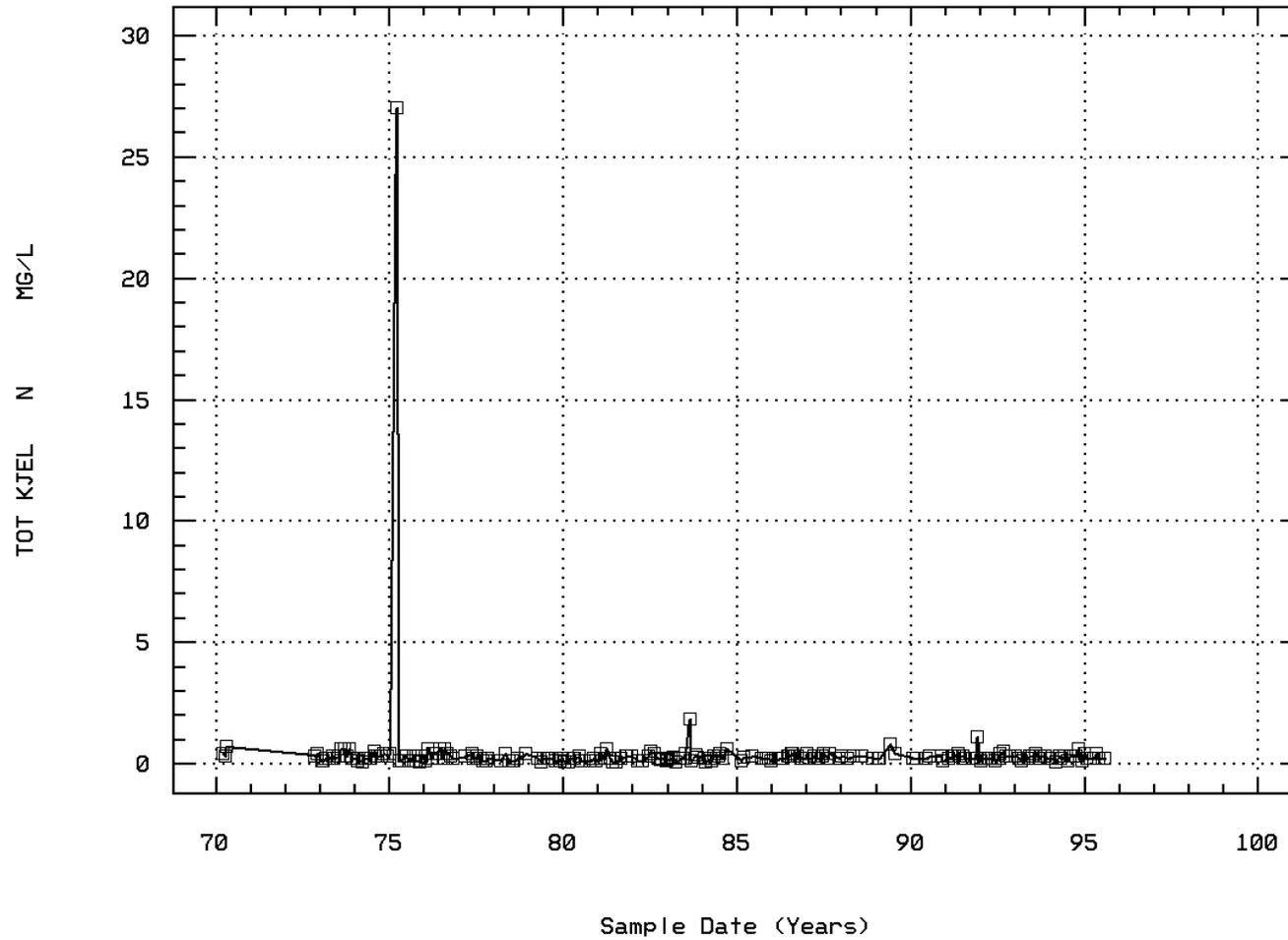
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Annual Analysis for 1970 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10	15.55	13.34	22.8	3.9	47.123	6.865	3.9	6.375	18.875	22.58
00300p	OXYGEN, DISSOLVED MG/L	10	9.15	9.27	11.4	6.2	1.916	1.384	6.44	8.9	10.3	11.32
00310	BOD, 5 DAY, 20 DEG C MG/L	4	2.4	2.725	4.4	1.7	1.596	1.263	**	**	**	**
00400p	PH (STANDARD UNITS)	10	8.55	7.84	9.2	5.6	1.789	1.338	5.6	6.875	8.8	9.16
00400p	CONVERTED PH (STANDARD UNITS)	10	8.525	6.289	9.2	5.6	4.461	2.112	5.6	6.875	8.8	9.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.003	0.514	2.512	0.001	1.11	1.053	0.001	0.002	0.666	2.512
00403	PH, LAB, STANDARD UNITS SU	4	7.7	7.75	8.	7.6	0.037	0.191	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	4	7.689	7.721	8.	7.6	0.038	0.194	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.02	0.019	0.025	0.01	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	84.	95.75	139.	76.	856.25	29.262	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4	14.5	15.75	29.	5.	99.583	9.979	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	4	6.	8.25	17.	4.	37.583	6.131	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	4	8.5	7.5	12.	1.	21.667	4.655	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4	0.15	0.148	0.27	0.02	0.015	0.121	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	4	0.29	0.28	0.34	0.2	0.003	0.058	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	4	0.55	0.6	1.	0.3	0.1	0.316	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2	20000.	20000.	34000.	6000.	392000000.	19798.99	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	2	4.155	4.155	4.531	3.778	0.284	0.533	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			14282.857								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	4	0.125	0.175	0.4	0.05	0.024	0.155	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	4	0.11	0.128	0.23	0.06	0.005	0.074	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	16.7	14.4	26.1	2.8	81.704	9.039	2.9	4.4	21.7	25.88
00300p	OXYGEN, DISSOLVED MG/L	11	10.8	10.091	13.	6.6	4.115	2.029	6.88	8.4	11.8	12.84
00310	BOD, 5 DAY, 20 DEG C MG/L	2	3.65	3.65	4.8	2.5	2.645	1.626	**	**	**	**
00400p	PH (STANDARD UNITS)	11	8.3	8.109	9.	6.5	0.863	0.929	6.56	7.	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	11	8.3	7.261	9.	6.5	1.653	1.286	6.56	7.	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.005	0.055	0.316	0.001	0.01	0.101	0.001	0.001	0.1	0.285
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	800.	2436.364	8800.	50.	9940045.455	3152.784	50.	300.	3500.	8640.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.903	2.934	3.944	1.699	0.595	0.771	1.699	2.477	3.544	3.936
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			859.186								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	14.15	14.408	22.8	5.6	39.844	6.312	5.6	9.175	20.825	22.8
00300p	OXYGEN, DISSOLVED MG/L	12	10.3	10.417	13.	8.4	2.032	1.426	8.46	9.2	11.75	12.7
00400p	PH (STANDARD UNITS)	12	8.	8.033	9.	7.3	0.364	0.604	7.3	7.5	8.5	9.
00400p	CONVERTED PH (STANDARD UNITS)	12	8.	7.741	9.	7.3	0.457	0.676	7.3	7.5	8.5	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.01	0.018	0.05	0.001	0.	0.018	0.001	0.003	0.032	0.05
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2	0.11	0.11	0.19	0.03	0.013	0.113	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	2	0.385	0.385	0.59	0.18	0.084	0.29	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	200.	1762.5	6000.	50.	6798693.182	2607.43	50.	50.	4975.	6000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	2.301	2.541	3.778	1.699	0.805	0.897	1.699	1.699	3.653	3.778
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			347.287								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	12	13.05	14.133	25.6	2.8	57.559	7.587	3.64	6.975	21.	25.24
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	12	10.1	10.367	14.2	7.	6.406	2.531	7.3	8.05	12.9	13.9
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.25	8.15	9.2	7.	0.392	0.626	7.15	7.625	8.5	9.08
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.182	7.754	9.2	7.	0.563	0.75	7.15	7.625	8.5	9.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	12	0.007	0.018	0.1	0.001	0.001	0.028	0.001	0.003	0.024	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	6.5	10.375	32.	2.	124.268	11.148	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	1.	4.625	18.	0.	47.125	6.865	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	4.5	5.75	19.	1.	36.214	6.018	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	12##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12	0.325	0.371	0.69	0.15	0.026	0.161	0.171	0.268	0.428	0.678
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	12	0.25	0.308	0.6	0.1	0.035	0.188	0.1	0.2	0.525	0.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/19/95	12	100.	845.833	6000.	50.	2989299.242	1728.959	50.	62.5	775.	4830.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/19/95	12	2.	2.338	3.778	1.699	0.471	0.686	1.699	1.774	2.866	3.641
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				217.713								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	12##	0.05	0.067	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.17
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	12##	0.05	0.058	0.1	0.02	0.001	0.027	0.023	0.05	0.088	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	12	16.4	15.742	25.	5.6	48.204	6.943	6.26	8.45	23.175	24.49
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	10.	9.9	12.	7.5	2.696	1.642	7.62	8.1	11.8	11.96
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.	7.95	8.5	7.1	0.235	0.485	7.19	7.525	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.	7.709	8.5	7.1	0.299	0.547	7.19	7.525	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	12	0.01	0.02	0.079	0.003	0.001	0.022	0.003	0.003	0.03	0.068
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	9.5	42.75	396.	0.	12570.023	112.116	0.	1.75	14.	292.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	4.5	14.667	118.	0.	1088.606	32.994	0.	1.25	8.	88.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	2.5	28.083	278.	0.	6275.538	79.218	0.	0.	9.5	204.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	12##	0.05	0.079	0.3	0.05	0.005	0.072	0.05	0.05	0.088	0.24
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12	0.36	0.443	0.89	0.3	0.031	0.177	0.303	0.313	0.543	0.803
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	12	0.25	0.254	0.5	0.05	0.015	0.123	0.065	0.2	0.3	0.47
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/19/95	12##	50.	695.833	6000.	50.	2937026.515	1713.776	50.	50.	275.	4620.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-10/19/95	12##	1.699	2.133	3.778	1.699	0.474	0.689	1.699	1.699	2.433	3.589
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				135.811								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	12	0.1	0.104	0.2	0.05	0.004	0.062	0.05	0.05	0.175	0.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	11##	0.05	0.064	0.2	0.05	0.002	0.045	0.05	0.05	0.05	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	12	15.6	15.133	27.2	3.9	57.061	7.554	4.74	9.4	19.85	27.05
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	12	10.85	10.992	13.6	9.	1.464	1.21	9.3	10.1	11.825	13.18
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	5	1.	1.8	4.	1.	1.7	1.304	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.3	8.058	9.	6.6	0.619	0.787	6.72	7.35	8.725	8.97
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.289	7.413	9.	6.6	1.073	1.036	6.72	7.35	8.725	8.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	12	0.005	0.039	0.251	0.001	0.005	0.073	0.001	0.002	0.045	0.206
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	4.	6.857	20.	0.	55.476	7.448	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	2.	4.143	10.	0.	17.143	4.14	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	2.	2.714	10.	0.	12.905	3.592	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.05	0.114	0.7	0.05	0.038	0.195	0.05	0.05	0.05	0.58
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.35	0.407	0.9	0.06	0.069	0.263	0.074	0.24	0.6	0.88
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	11	0.3	2.641	27.	0.05	65.284	8.08	0.06	0.1	0.3	21.68
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	6	7.5	6.667	9.	3.	5.067	2.251	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12 ##	50.	575.	6000.	50.	2922045.455	1709.399	50.	50.	175.	4260.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12 ##	1.699	1.998	3.778	1.699	0.37	0.608	1.699	1.699	2.226	3.335
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				99.464								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	11 ##	0.05	0.4	3.8	0.05	1.272	1.128	0.05	0.05	0.1	3.06
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	10	0.05	0.392	3.5	0.01	1.193	1.092	0.01	0.033	0.07	3.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	10	17.05	17.13	28.9	4.4	62.887	7.93	4.85	11.	24.45	28.62
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	9.	9.436	12.	7.2	2.433	1.56	7.28	8.5	10.2	11.96
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	11	2.	1.818	3.	1.	0.564	0.751	1.	1.	2.	3.
00340	COD, 25N K2CR2O7 MG/L	07/27/76-09/11/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.6	8.364	9.4	7.	0.633	0.795	7.1	7.7	9.	9.36
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.6	7.775	9.4	7.	1.013	1.007	7.1	7.7	9.	9.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.003	0.017	0.1	0.	0.001	0.029	0.	0.001	0.02	0.086
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	15.	21.125	70.	0.5	540.054	23.239	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	2.5	6.625	20.	0.	61.625	7.85	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	8.	13.375	50.	0.	308.196	17.556	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.005	0.012	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.34	0.365	0.6	0.18	0.021	0.146	0.186	0.23	0.48	0.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	11	0.4	0.364	0.6	0.1	0.033	0.18	0.12	0.2	0.6	0.6
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	11	5.	6.182	14.	3.	10.364	3.219	3.2	4.	8.	13.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11 ##	50.	550.	4000.	50.	1430000.	1195.826	50.	50.	400.	3440.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11 ##	1.699	2.107	3.602	1.699	0.46	0.678	1.699	1.699	2.602	3.497
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				127.914								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	11 ##	0.05	0.064	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	11	0.03	0.041	0.11	0.005	0.001	0.03	0.008	0.02	0.06	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	8	13.	13.488	27.5	2.1	77.921	8.827	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	8	8.55	9.288	15.4	7.2	7.127	2.67	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	8	1.5	1.75	3.	1.	0.786	0.886	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	8	8.45	8.475	9.	8.	0.162	0.403	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	8	8.447	8.33	9.	8.	0.186	0.432	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	8	0.004	0.005	0.01	0.001	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	8 ##	0.75	1.875	8.	0.5	6.554	2.56	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	8 ##	0.75	1.625	6.	0.5	3.554	1.885	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	8 ##	0.5	0.5	2.	0.	0.429	0.655	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	8 ##	0.005	0.009	0.02	0.005	0.	0.007	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	8	0.215	0.22	0.37	0.09	0.008	0.092	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	8	0.2	0.225	0.4	0.1	0.011	0.104	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	7	6.	5.857	10.	3.	5.81	2.41	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	8 ##	50.	62.5	100.	50.	535.714	23.146	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	8 ##	1.699	1.774	2.	1.699	0.019	0.139	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				59.46								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	8 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	8	0.09	0.079	0.1	0.02	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	7	24.5	20.686	27.	12.	36.308	6.026	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	7	9.3	9.4	11.5	7.2	2.777	1.666	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	6	1.	1.833	5.	1.	2.567	1.602	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	7	8.9	8.371	9.	7.	0.649	0.806	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	7	8.9	7.722	9.	7.	1.141	1.068	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	7	0.001	0.019	0.1	0.001	0.001	0.036	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	9.	74.429	472.	6.	30736.286	175.318	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	3.	9.714	54.	1.	382.571	19.559	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	7	6.	64.714	418.	5.	24269.238	155.786	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	7	0.01	0.012	0.03	0.005	0.	0.01	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	7	0.1	0.2	0.4	0.1	0.02	0.141	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	7	6.	8.286	25.	1.	64.238	8.015	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	7 ##	50.	314.286	1300.	50.	209761.905	457.998	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	7 ##	1.699	2.141	3.114	1.699	0.342	0.585	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				138.448								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	7 ##	0.05	0.071	0.1	0.05	0.001	0.027	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	7	0.07	0.068	0.14	0.005	0.002	0.047	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	9	20.5	17.944	28.	4.	73.653	8.582	4.	10.5	26.	28.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	9	221.	225.444	273.	185.	905.028	30.084	185.	199.5	255.	273.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	8	10.55	11.013	13.2	9.4	1.561	1.249	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	9	1.	1.056	2.	0.5	0.153	0.391	0.5	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	9	4.	5.389	16.	0.5	23.111	4.807	0.5	1.5	8.	16.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.2	8.422	9.3	7.8	0.302	0.549	7.8	8.	9.	9.3
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.2	8.192	9.3	7.8	0.361	0.601	7.8	8.	9.	9.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	9	0.006	0.006	0.016	0.001	0.	0.005	0.001	0.001	0.016	
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	8.	51.611	400.	2.	17097.361	130.757	2.	2.75	16.	400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	2.	3.333	12.	0.	13.688	3.7	0.	0.75	5.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	3.	4.167	13.	0.	15.375	3.921	0.	1.25	5.5	13.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	9##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9	0.4	0.386	0.6	0.06	0.024	0.154	0.06	0.315	0.49	0.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	9	0.2	0.161	0.2	0.05	0.004	0.06	0.05	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	9##	0.05	0.094	0.2	0.05	0.004	0.063	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	8	0.035	0.044	0.13	0.005	0.002	0.04	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	9	5.	5.667	9.	4.	2.5	1.581	4.	4.5	6.5	9.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	300.	483.333	1200.	50.	235625.	485.412	50.	50.	1000.	1200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	2.477	2.379	3.079	1.699	0.369	0.608	1.699	1.699	2.991	3.079
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			239.493								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	11	14.	14.936	30.3	3.	97.089	9.853	3.3	6.4	22.3	30.3
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	9	269.	274.444	337.	206.	2172.528	46.61	206.	230.	318.5	337.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	10.7	10.836	12.4	9.5	1.095	1.046	9.5	9.6	11.7	12.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	10	1.	1.25	2.	0.5	0.292	0.54	0.55	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	10	5.5	5.05	11.	0.5	17.192	4.146	0.5	0.5	9.	10.8
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	9.	8.745	9.	8.	0.113	0.336	8.1	8.5	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	9.	8.602	9.	8.	0.135	0.368	8.1	8.5	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.001	0.002	0.01	0.001	0.	0.003	0.001	0.001	0.003	0.009
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	10##	2.5	4.2	8.	2.5	5.122	2.263	2.5	2.5	6.25	7.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	10##	2.5	3.	6.	2.	1.389	1.179	2.05	2.5	3.25	5.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	9##	2.5	3.	4.	2.5	0.563	0.75	2.5	2.5	4.	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	10##	0.05	0.057	0.12	0.05	0.	0.022	0.05	0.05	0.05	0.113
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10	0.35	0.367	0.6	0.09	0.032	0.179	0.098	0.23	0.525	0.6
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	10	0.15	0.15	0.3	0.05	0.007	0.082	0.05	0.088	0.2	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	10	0.1	0.11	0.2	0.05	0.003	0.052	0.05	0.088	0.125	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	10	0.075	0.089	0.19	0.01	0.004	0.064	0.012	0.03	0.145	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	10	7.5	8.1	13.	5.	4.767	2.183	5.2	7.	9.25	12.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9##	50.	83.333	300.	50.	6875.	82.916	50.	50.	75.	300.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9##	1.699	1.819	2.477	1.699	0.071	0.266	1.699	1.699	1.849	2.477
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			65.899								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	11	15.7	14.227	24.6	0.	88.392	9.402	0.44	4.5	24.5	24.58
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	11	284.	272.727	343.	141.	3688.818	60.736	155.4	228.	316.	341.2
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	11.2	11.1	16.4	8.3	6.606	2.57	8.32	8.7	12.7	15.92
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	11	1.	1.591	3.	0.5	0.741	0.861	0.6	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	11	7.	9.409	27.	0.5	70.741	8.411	0.6	3.	14.	25.6
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.3	8.189	9.	7.3	0.239	0.489	7.352	7.92	8.5	8.9
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.3	7.933	9.	7.3	0.311	0.557	7.352	7.92	8.5	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.005	0.012	0.05	0.001	0.	0.015	0.001	0.003	0.012	0.046
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	11##	2.5	4.773	12.	2.5	12.218	3.495	2.5	2.5	7.	11.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	11##	2.5	2.818	4.	2.5	0.364	0.603	2.5	2.5	3.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	11 ##	2.5	3.773	9.	2.5	4.918	2.218	2.5	2.5	6.	8.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.05	0.073	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.29	0.266	0.6	0.025	0.024	0.153	0.036	0.16	0.34	0.548
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	11	0.2	0.255	0.6	0.05	0.024	0.156	0.05	0.2	0.3	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11 ##	0.05	0.109	0.3	0.05	0.007	0.086	0.05	0.05	0.2	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	11	0.07	0.078	0.19	0.01	0.003	0.055	0.012	0.04	0.12	0.178
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	11	6.	4.864	8.	0.5	6.105	2.471	0.8	3.	7.	7.8
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11 ##	50.	127.273	400.	50.	14681.818	121.169	50.	50.	200.	380.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11 ##	1.699	1.961	2.602	1.699	0.121	0.348	1.699	1.699	2.301	2.577
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			91.469								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	9	13.5	15.044	27.	3.	73.493	8.573	3.	7.2	23.5	27.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	9	268.	246.667	287.	165.	1896.5	43.549	165.	208.5	276.5	287.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	9	11.2	9.411	13.6	1.	22.559	4.75	1.	5.35	13.25	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	9	2.	1.444	2.	0.5	0.465	0.682	0.5	0.75	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	9	6.	6.889	15.	3.	12.111	3.48	3.	4.5	8.	15.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.3	8.189	9.	6.75	0.512	0.716	6.75	7.715	8.8	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.3	7.579	9.	6.75	0.931	0.965	6.75	7.715	8.8	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	9	0.005	0.026	0.178	0.001	0.003	0.057	0.001	0.002	0.02	0.178
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	5.	6.222	13.	2.5	11.132	3.336	2.5	3.75	8.5	13.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	8	2.5	3.563	6.	1.	4.317	2.078	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	3.	3.167	7.	0.	3.438	1.854	0.	2.5	4.	7.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.005	0.02	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9	0.33	0.37	0.57	0.19	0.018	0.134	0.19	0.25	0.495	0.57
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	9	0.2	0.228	0.5	0.1	0.021	0.144	0.1	0.1	0.35	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	9	0.1	0.1	0.2	0.05	0.004	0.061	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.06	0.07	0.17	0.01	0.003	0.052	0.01	0.025	0.11	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	9	5.	5.	8.	1.	4.25	2.062	1.	4.	6.5	8.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	100.	211.111	1000.	50.	94861.111	307.995	50.	50.	250.	1000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	2.	2.064	3.	1.699	0.206	0.453	1.699	1.699	2.389	3.
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			115.819								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	11	12.	14.373	23.5	2.5	57.42	7.578	3.3	7.5	22.5	23.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	11	244.	232.818	298.	158.	2408.164	49.073	160.6	188.	283.	295.2
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	10.8	11.055	14.2	8.	3.053	1.747	8.32	9.7	12.5	13.98
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	11	1.	1.364	3.	1.	0.455	0.674	1.	1.	2.	2.8
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	11	6.	6.091	13.	1.	9.291	3.048	1.4	5.	7.	12.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.26	8.337	9.	7.7	0.208	0.456	7.7	8.	8.7	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.26	8.142	9.	7.7	0.25	0.5	7.7	8.	8.7	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.005	0.007	0.02	0.001	0.	0.007	0.001	0.002	0.01	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	5.	8.136	31.	2.5	74.405	8.626	2.5	2.5	13.	27.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	3.	3.955	7.	2.5	4.023	2.006	2.5	2.5	7.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	2.5	5.318	28.	2.	58.814	7.669	2.	2.	6.	23.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.05	0.064	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.34	0.32	0.48	0.13	0.014	0.12	0.134	0.18	0.4	0.476
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	11	0.2	0.359	1.8	0.05	0.238	0.488	0.06	0.15	0.35	1.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11 ##	0.05	0.1	0.3	0.05	0.007	0.081	0.05	0.05	0.1	0.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	11	0.05	0.071	0.17	0.01	0.003	0.056	0.012	0.02	0.12	0.166
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	11	4.	3.636	10.	1.	5.655	2.378	1.2	2.	4.	8.8
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11	100.	950.	8000.	50.	5632500.	2373.289	50.	50.	500.	6680.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11	2.	2.204	3.903	1.699	0.542	0.736	1.699	1.699	2.699	3.752
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95			GEOMETRIC MEAN =								
					159.924								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	9	13.5	14.789	25.5	2.	74.564	8.635	2.	7.25	22.8	25.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	9	224.	242.889	412.	160.	6219.861	78.866	160.	183.	291.	412.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	9	11.7	11.333	14.8	8.2	5.213	2.283	8.2	9.2	13.05	14.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	9	1.	1.278	2.	0.5	0.319	0.565	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	9	5.	5.389	11.	0.5	11.611	3.408	0.5	3.	8.5	11.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	8	8.03	8.166	9.	7.7	0.216	0.465	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	8	8.029	8.004	9.	7.7	0.246	0.496	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	8	0.009	0.01	0.02	0.001	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	4	8.	7.975	8.1	7.8	0.022	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	4	7.989	7.955	8.1	7.8	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	4	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	4	129.5	123.	149.	84.	798.	28.249	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	5.	8.944	33.	2.5	95.215	9.758	2.5	2.5	11.	33.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	2.5	2.944	5.	2.	0.965	0.982	2.	2.25	3.5	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	3.	6.833	28.	2.	71.063	8.43	2.	2.5	8.5	28.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	9 ##	0.05	0.106	0.3	0.05	0.008	0.088	0.05	0.05	0.15	0.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9 ##	0.005	0.008	0.02	0.005	0.	0.007	0.005	0.005	0.013	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9	0.4	0.52	1.7	0.16	0.205	0.453	0.16	0.325	0.465	1.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	9	0.2	0.261	0.6	0.05	0.027	0.165	0.05	0.15	0.35	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	9 ##	0.05	0.094	0.2	0.05	0.004	0.063	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.06	0.077	0.2	0.02	0.004	0.063	0.02	0.025	0.125	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	9	3.	2.611	5.	0.5	2.736	1.654	0.5	1.	4.	5.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	100.	466.667	3000.	50.	911875.	954.921	50.	75.	300.	3000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	2.	2.237	3.477	1.699	0.301	0.548	1.699	1.849	2.477	3.477
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95			GEOMETRIC MEAN =								
					172.466								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	11	19.1	15.227	23.2	3.	56.292	7.503	3.4	8.5	21.5	23.06
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	11	235.	231.091	270.	198.	822.691	28.683	198.	198.	263.	268.8
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	11	10.3	10.464	13.8	7.2	3.485	1.867	7.56	9.2	12.	13.52
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	11	1.	1.045	2.	0.5	0.123	0.35	0.6	1.	1.	1.8
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	11	4.	4.227	9.	0.5	8.568	2.927	0.6	2.	6.	9.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.1	7.909	8.6	6.8	0.319	0.565	6.92	7.4	8.4	8.6
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	8.1	7.551	8.6	6.8	0.46	0.678	6.92	7.4	8.4	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.008	0.028	0.158	0.003	0.002	0.045	0.003	0.004	0.04	0.135

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	11	7.8	7.782	8.5	6.6	0.242	0.492	6.76	7.7	8.1	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	11	7.8	7.432	8.5	6.6	0.376	0.613	6.76	7.7	8.1	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	11	0.016	0.037	0.251	0.003	0.005	0.072	0.004	0.008	0.02	0.209
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	11	105.	96.545	130.	35.	955.473	30.911	37.8	79.	121.	128.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	5.	7.955	31.	2.5	73.023	8.545	2.5	2.5	10.	27.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	2.5	4.045	11.	1.	8.723	2.953	1.3	2.5	5.	10.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	2.5	5.045	20.	2.	26.823	5.179	2.1	2.5	6.	17.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	9	0.31	0.367	0.7	0.13	0.037	0.193	0.13	0.22	0.55	0.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	7	0.2	0.207	0.3	0.1	0.004	0.061	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	7	0.1	0.143	0.4	0.05	0.015	0.124	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	9	0.1	0.102	0.23	0.01	0.006	0.075	0.01	0.035	0.16	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	11	3.	3.364	7.	1.	2.655	1.629	1.2	2.	4.	6.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	114.	114.4	140.	90.	282.711	16.814	90.4	97.75	130.5	139.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11	100.	222.727	700.	50.	41681.818	204.161	60.	100.	400.	640.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	11	2.	2.202	2.845	1.699	0.131	0.362	1.759	2.	2.602	2.796
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			159.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	13	20.6	17.038	27.	1.5	87.933	9.377	1.7	8.5	25.	26.64
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	13	256.	254.692	487.	2.	10112.897	100.563	90.4	239.	278.	405.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	13	10.2	10.285	13.7	7.6	3.741	1.934	7.84	8.45	11.5	13.62
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	13	1.	1.077	2.	0.5	0.202	0.449	0.5	1.	1.	2.
00340	COD, 25N K2CR2O7 MG/L	07/27/76-09/11/95	13	6.	6.192	12.	0.5	9.981	3.159	1.5	4.	8.	11.6
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	13	8.4	8.35	8.8	7.7	0.097	0.312	7.78	8.15	8.5	8.76
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	13	8.4	8.232	8.8	7.7	0.113	0.336	7.78	8.15	8.5	8.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	13	0.004	0.006	0.02	0.002	0.	0.005	0.002	0.003	0.008	0.017
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	13	7.9	7.977	8.4	7.5	0.094	0.306	7.5	7.8	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	13	7.9	7.881	8.4	7.5	0.104	0.322	7.5	7.8	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	13	0.013	0.013	0.032	0.004	0.	0.009	0.004	0.005	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	13	121.	119.846	132.	102.	102.308	10.115	102.4	112.	128.5	131.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	13##	2.5	4.385	12.	2.5	9.256	3.042	2.5	2.5	5.5	10.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	13##	2.5	2.846	5.	2.	0.641	0.801	2.2	2.5	3.	4.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	13##	2.5	3.077	7.	1.	3.244	1.801	1.4	2.5	2.75	7.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	13##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	13##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	13	0.26	0.275	0.6	0.07	0.031	0.177	0.07	0.125	0.445	0.56
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	13	0.3	0.262	0.4	0.1	0.008	0.087	0.14	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	13	0.2	0.235	0.5	0.05	0.016	0.125	0.07	0.15	0.3	0.46
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	13	0.18	0.187	0.5	0.04	0.016	0.126	0.048	0.07	0.255	0.424
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	13	3.	3.538	6.	1.	1.436	1.198	1.8	3.	4.	5.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	13	131.	119.923	140.	10.	1179.577	34.345	50.8	118.	138.	140.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	100.	225.	900.	50.	73863.636	271.779	50.	50.	350.	810.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	2.	2.119	2.954	1.699	0.196	0.443	1.699	1.699	2.527	2.901
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			131.607								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	10	15.	15.12	27.	4.5	85.644	9.254	4.57	5.875	25.55	26.9
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	10	239.	238.8	284.	183.	1306.178	36.141	184.3	199.75	274.	283.9
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	10	10.05	10.09	12.8	7.5	3.563	1.888	7.57	8.5	11.7	12.72
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	10	1.	1.3	2.	1.	0.233	0.483	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	10	4.5	16.7	116.	2.	1238.678	35.195	2.	2.	11.	106.1
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.29	8.21	8.9	7.7	0.146	0.382	7.7	7.9	8.45	8.9
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.29	8.081	8.9	7.7	0.165	0.406	7.7	7.9	8.45	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	9	0.005	0.008	0.02	0.001	0.	0.006	0.001	0.004	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	10	7.85	7.81	8.4	7.	0.181	0.425	7.04	7.55	8.125	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	10	7.825	7.609	8.4	7.	0.226	0.475	7.04	7.55	8.125	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	10	0.015	0.025	0.1	0.004	0.001	0.029	0.004	0.008	0.029	0.094
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	8	91.	90.25	135.	24.	1313.643	36.244	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	10###	2.5	10.6	74.	2.5	498.767	22.333	2.5	2.5	5.5	67.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	10###	2.5	3.25	10.	2.	5.681	2.383	2.05	2.5	2.625	9.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	10###	2.5	9.1	64.	2.	374.156	19.343	2.05	2.5	4.	58.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	10###	0.05	0.1	0.4	0.05	0.013	0.115	0.05	0.05	0.088	0.38
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10###	0.005	0.012	0.06	0.005	0.	0.017	0.005	0.005	0.01	0.055
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10	0.4	0.434	0.74	0.09	0.048	0.219	0.095	0.29	0.617	0.736
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	10	0.25	0.28	0.4	0.2	0.008	0.092	0.2	0.4	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	10	0.15	0.165	0.3	0.05	0.008	0.088	0.055	0.1	0.225	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	10	0.115	0.129	0.27	0.05	0.006	0.079	0.05	0.065	0.17	0.269
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	8	4.	6.75	27.	3.	67.357	8.207	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	113.5	118.1	144.	92.	356.544	18.882	92.2	104.5	138.5	143.6
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	10###	75.	645.	4900.	50.	2281361.111	1510.418	50.	50.	475.	4480.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	10###	1.849	2.163	3.69	1.699	0.458	0.677	1.699	1.699	2.663	3.606
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			145.62								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	6	12.95	14.85	27.	1.	116.351	10.787	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	5	247.	232.2	260.	159.	1740.7	41.722	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	6	9.95	9.8	13.	7.4	4.988	2.233	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	5###	0.5	0.7	1.	0.5	0.075	0.274	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	5	6.	5.8	8.	2.	6.2	2.49	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	6	8.275	8.35	8.55	8.23	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	6	8.275	8.332	8.55	8.23	0.02	0.143	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	6	0.005	0.005	0.006	0.003	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	5	7.9	7.94	8.2	7.7	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	5	7.9	7.902	8.2	7.7	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	5	0.013	0.013	0.02	0.006	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	4	111.	111.25	118.	105.	28.25	5.315	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	5###	2.5	2.7	3.	2.5	0.075	0.274	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	5###	2.5	2.5	3.	2.	0.125	0.354	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	5###	2.5	1.7	2.5	0.	1.325	1.151	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	5	0.04	0.05	0.1	0.02	0.001	0.035	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	5	0.01	0.023	0.07	0.005	0.001	0.027	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	5	0.3	0.292	0.6	0.1	0.038	0.195	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	5	0.3	0.26	0.3	0.2	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	5	0.3	0.24	0.3	0.1	0.008	0.089	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	5	0.16	0.194	0.34	0.1	0.008	0.09	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	3	1.8	1.733	1.9	1.5	0.043	0.208	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	5	116.	109.6	122.	76.	358.8	18.942	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4 ##	75.	75.	100.	50.	833.333	28.868	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4 ##	1.849	1.849	2.	1.699	0.03	0.174	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 70.711											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	6	20.6	15.533	22.	4.	80.203	8.956	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	3	220.	218.333	240.	195.	508.333	22.546	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	6	8.5	9.617	12.5	7.9	4.89	2.211	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	4	6.5	6.125	11.	0.5	18.729	4.328	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	6	8.36	8.343	8.45	8.17	0.01	0.099	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	6	8.358	8.333	8.45	8.17	0.01	0.1	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	6	0.004	0.005	0.007	0.004	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	4	7.9	7.9	8.	7.8	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	4	7.9	7.894	8.	7.8	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	4	0.013	0.013	0.016	0.01	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	4	96.5	94.25	101.	83.	68.917	8.302	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	4	5.	28.125	102.	0.5	2432.729	49.323	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	4	3.	4.125	10.	0.5	17.396	4.171	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	4	2.	24.	92.	0.	2056.667	45.35	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	4	0.05	0.058	0.09	0.04	0.001	0.024	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	4 ##	0.008	0.015	0.04	0.005	0.	0.017	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	4	0.465	0.475	0.53	0.44	0.002	0.039	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	4	0.3	0.4	0.8	0.2	0.08	0.283	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	4	0.135	0.13	0.15	0.1	0.	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	4	1.75	2.	3.5	1.	1.207	1.098	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	4	109.	103.	114.	80.	257.333	16.042	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	4	5.	5.	6.	4.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	4	10.	9.75	11.	8.	2.25	1.5	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4	800.	1637.5	4900.	50.	5095625.	2257.349	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4	2.724	2.709	3.69	1.699	0.78	0.883	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 511.777											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	5	10.	14.	23.5	5.9	72.69	8.526	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	4	270.	259.25	279.	218.	784.917	28.016	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	5	13.1	11.06	13.5	7.1	9.363	3.06	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	5	1.	1.3	2.	0.5	0.45	0.671	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	5	6.	6.2	7.	5.	0.7	0.837	**	**	**	**
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	5	8.48	8.478	8.71	8.12	0.051	0.227	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	5	8.48	8.426	8.71	8.12	0.055	0.234	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	5	0.003	0.004	0.008	0.002	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	5	8.1	8.12	8.3	7.8	0.042	0.205	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	5	8.1	8.078	8.3	7.8	0.044	0.21	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	5	0.008	0.008	0.016	0.005	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	5	130.	123.	135.	102.	209.	14.457	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	5	4.	4.3	8.	0.5	10.2	3.194	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	5	2.	2.1	4.	0.5	2.05	1.432	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	5	3.	2.4	4.	0.5	3.175	1.782	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	6 ##	0.02	0.023	0.04	0.02	0.	0.008	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	6	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	6	0.5	0.488	0.57	0.39	0.006	0.08	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	6	0.2	0.217	0.3	0.1	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	6	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	6	0.105	0.103	0.16	0.06	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	5	1.1	1.78	3.1	0.8	1.167	1.08	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	5	120.	123.8	142.	102.	278.2	16.679	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	5	5.	4.8	6.	4.	0.7	0.837	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	5	9.	9.	10.	8.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	10	12.25	14.57	24.8	6.9	46.698	6.834	6.91	8.725	22.125	24.72
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	10	266.5	262.8	289.	220.	651.956	25.533	220.2	245.25	288.25	289.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	10	10.05	10.07	12.4	8.1	2.111	1.453	8.15	8.675	11.125	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	10	2.	2.8	8.	1.	5.289	2.3	1.	1.	4.25	7.7
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	10	8.	11.9	51.	1.	200.767	14.169	1.4	5.75	12.	47.1
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	10	8.1	8.121	8.5	7.7	0.057	0.239	7.72	7.975	8.325	8.49
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	10	8.1	8.062	8.5	7.7	0.061	0.247	7.72	7.975	8.325	8.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	10	0.008	0.009	0.02	0.003	0.	0.005	0.003	0.005	0.011	0.019
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	10	8.1	8.01	8.3	7.6	0.059	0.242	7.61	7.775	8.2	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	10	8.1	7.946	8.3	7.6	0.063	0.252	7.61	7.775	8.2	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	10	0.008	0.011	0.025	0.005	0.	0.007	0.005	0.006	0.017	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	10	123.5	108.44	142.	0.4	1677.758	40.96	9.26	98.	130.5	141.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	10	5.5	19.05	148.	1.5	2058.303	45.369	1.5	2.25	6.75	134.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	10	1.	3.6	26.	0.5	62.156	7.884	0.5	0.875	1.625	23.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	10	5.	15.85	122.	1.5	1394.169	37.339	1.5	2.25	5.5	110.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	10 ##	0.03	0.041	0.1	0.02	0.001	0.028	0.02	0.02	0.058	0.098
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.028
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	10	0.56	0.456	0.65	0.06	0.05	0.223	0.064	0.273	0.63	0.648
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	10	0.3	0.35	1.1	0.2	0.074	0.272	0.2	0.2	0.325	1.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	10	0.1	0.105	0.2	0.05	0.001	0.037	0.055	0.1	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	10	0.045	0.047	0.09	0.02	0.	0.021	0.021	0.03	0.055	0.088
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	10	2.	2.	3.	1.3	0.218	0.467	1.32	1.65	2.2	2.92
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	10	138.	135.7	160.	108.	352.456	18.774	108.	119.25	153.	159.6
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	10	4.	4.4	6.	4.	0.711	0.843	4.	4.	4.5	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	10	9.	9.2	13.	8.	2.4	1.549	8.	8.	10.	12.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4 ##	175.	1350.	5000.	50.	5935000.	2436.186	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	4 ##	2.088	2.394	3.699	1.699	0.892	0.944	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			247.462								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	12	13.	13.65	27.	4.5	58.134	7.625	4.5	6.6	21.225	25.68
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	11	251.	244.818	276.	169.	1016.564	31.884	179.2	223.	270.	276.
00300p	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	4	12.	11.95	13.8	10.	3.537	1.881	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	11	1.	1.045	2.	0.5	0.273	0.522	0.5	0.5	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	11	10.	9.773	19.	0.5	29.268	5.41	1.	6.	15.	18.2
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.4	8.371	9.3	6.45	0.459	0.678	6.975	8.3	8.675	9.18
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.4	7.485	9.3	6.45	1.315	1.147	6.975	8.3	8.675	9.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	12	0.004	0.033	0.355	0.001	0.01	0.101	0.001	0.002	0.005	0.25
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	11	8.1	8.173	8.5	8.	0.026	0.162	8.	8.	8.3	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	11	8.1	8.147	8.5	8.	0.027	0.164	8.	8.	8.3	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	11	0.008	0.007	0.01	0.003	0.	0.002	0.004	0.005	0.01	0.01
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	11	114.	99.909	124.	13.	1046.491	32.35	25.2	91.	119.	123.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	3.	2.955	7.	1.	2.523	1.588	1.1	2.	3.	6.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	1.	1.364	4.	1.	0.805	0.897	1.	1.	1.5	3.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	11	2.	1.864	3.	0.	0.905	0.951	0.2	1.	3.	3.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	11 ##	0.02	0.03	0.08	0.02	0.	0.019	0.02	0.02	0.04	0.074
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.01	0.01	0.02	0.005	0.	0.004	0.006	0.01	0.01	0.018
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	11	0.32	0.312	0.55	0.04	0.029	0.171	0.048	0.13	0.47	0.538
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	11	0.2	0.245	0.5	0.1	0.015	0.121	0.1	0.2	0.3	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	11	0.1	0.141	0.4	0.05	0.014	0.12	0.05	0.05	0.2	0.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	4	0.02	0.02	0.02	0.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	11	2.	2.509	5.8	0.5	3.205	1.79	0.5	1.6	4.3	5.68
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	11	130.	128.182	148.	96.	204.364	14.296	100.4	118.	138.	146.8
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	10	4.	4.	5.	3.	0.444	0.667	3.	3.75	4.25	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	10	9.	9.2	11.	8.	1.511	1.229	8.	8.	10.25	11.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	10	150.	595.	2400.	50.	629694.444	793.533	50.	50.	975.	2310.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	10	2.151	2.37	3.38	1.699	0.423	0.651	1.699	1.699	2.971	3.36
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			234.554								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	7	0.14	0.149	0.32	0.02	0.014	0.118	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	11	13.1	14.	27.4	6.3	47.488	6.891	6.46	7.6	19.9	26.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	12	246.	237.25	293.	145.	1814.386	42.596	160.6	202.75	266.25	290.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	12	1.	1.125	2.	0.5	0.188	0.433	0.65	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	12	8.	7.458	14.	1.	12.521	3.538	1.45	5.25	9.	13.1
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	11	7.7	7.691	8.1	7.	0.113	0.336	7.06	7.5	8.	8.1
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	11	7.7	7.558	8.1	7.	0.132	0.364	7.06	7.5	8.	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	11	0.02	0.028	0.1	0.008	0.001	0.027	0.008	0.01	0.032	0.09
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	12	8.3	8.233	8.9	7.2	0.195	0.442	7.38	8.025	8.525	8.84
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	12	8.3	7.973	8.9	7.2	0.269	0.519	7.38	8.025	8.525	8.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	12	0.005	0.011	0.063	0.001	0.	0.017	0.001	0.003	0.009	0.049
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	12	112.5	109.5	150.	59.	605.364	24.604	67.1	88.75	127.75	144.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	4.	6.833	20.	1.5	34.47	5.871	1.5	3.	11.	18.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	2.	1.75	3.	1.	0.341	0.584	1.	1.125	2.	2.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	3.	5.333	17.	1.	27.288	5.224	1.15	1.625	9.	15.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	12 ##	0.02	0.028	0.07	0.02	0.	0.015	0.02	0.02	0.035	0.061
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12 ##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12	0.365	0.36	0.73	0.12	0.032	0.18	0.135	0.193	0.488	0.682
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	12	0.25	0.25	0.4	0.1	0.006	0.08	0.13	0.2	0.3	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	12	0.15	0.171	0.4	0.05	0.015	0.123	0.05	0.063	0.2	0.4
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	12	2.65	2.992	6.5	0.5	2.624	1.62	0.89	1.925	3.475	6.17
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	12	124.	121.583	156.	70.	587.538	24.239	78.4	103.25	140.	153.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	12	4.5	4.667	7.	2.	2.061	1.435	2.3	4.	6.	6.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	12	9.	8.583	10.	7.	0.629	0.793	7.3	8.	9.	9.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	150.	212.5	600.	50.	33238.636	182.315	50.	62.5	300.	570.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	2.151	2.178	2.778	1.699	0.148	0.384	1.699	1.774	2.477	2.754
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C												
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	12	0.1	0.135	0.35	0.02	0.013	0.115	0.023	0.05	0.205	0.347

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	12	13.15	13.717	25.2	0.1	60.494	7.778	1.57	6.625	20.5	24.84
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	12	254.5	244.583	306.	150.	1864.992	43.186	166.2	213.25	273.	300.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	12	1.25	1.367	3.6	0.5	0.744	0.863	0.5	0.625	1.7	3.09
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	12	8.	7.333	13.	2.5	8.924	2.987	2.5	6.	9.	12.1
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.4	8.425	8.8	8.1	0.04	0.201	8.13	8.3	8.575	8.77
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	12	8.4	8.385	8.8	8.1	0.042	0.205	8.13	8.3	8.575	8.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	12	0.004	0.004	0.008	0.002	0.	0.002	0.002	0.003	0.005	0.007
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	12	7.8	7.908	8.4	7.2	0.108	0.329	7.35	7.725	8.175	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	12	7.8	7.783	8.4	7.2	0.125	0.354	7.35	7.725	8.175	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	12	0.016	0.016	0.063	0.004	0.	0.016	0.004	0.007	0.019	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	12	117.	110.833	143.	47.	694.515	26.354	60.2	93.	130.5	139.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	5.	10.	58.	1.5	240.5	15.508	1.5	3.	10.25	44.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	2.	2.75	6.	1.5	3.205	1.79	1.5	1.5	4.25	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	12	2.5	7.458	52.	1.5	205.43	14.333	1.5	1.5	7.5	39.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	12 ##	0.02	0.025	0.04	0.02	0.	0.009	0.02	0.02	0.035	0.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12 ##	0.005	0.01	0.03	0.005	0.	0.009	0.005	0.005	0.01	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	12	0.345	0.318	0.64	0.04	0.043	0.208	0.046	0.098	0.475	0.616
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	12	0.25	0.246	0.6	0.05	0.021	0.144	0.065	0.125	0.3	0.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	12	0.2	0.254	0.6	0.05	0.024	0.156	0.065	0.125	0.375	0.54
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	12	2.	2.075	2.8	1.3	0.246	0.496	1.33	1.675	2.55	2.77
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	12	124.	121.75	148.	76.	433.114	20.811	83.2	107.	140.	145.6
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	12	6.	6.	9.	4.	3.091	1.758	4.	4.25	7.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	12	8.5	8.417	10.	6.	1.72	1.311	6.3	7.25	9.75	10.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	150.	287.5	1400.	50.	140511.364	374.848	50.	62.5	375.	1100.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	12	2.151	2.225	3.146	1.699	0.204	0.452	1.699	1.774	2.571	2.983
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C												
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	12	0.19	0.181	0.4	0.02	0.015	0.121	0.029	0.065	0.28	0.364

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	9	18.7	15.5	26.7	1.9	78.44	8.857	1.9	6.9	22.6	26.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	9	272.	253.	333.	110.	4929.	70.207	110.	207.5	313.	333.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	9	1.3	1.067	1.8	0.5	0.305	0.552	0.5	0.5	1.5	1.8
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	9	7.	6.444	11.	2.5	6.965	2.639	2.5	4.25	7.5	11.
00400p	PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.3	8.256	8.6	7.7	0.063	0.251	7.7	8.2	8.4	8.6
00400p	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	9	8.3	8.179	8.6	7.7	0.069	0.263	7.7	8.2	8.4	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	9	0.005	0.007	0.02	0.003	0.	0.005	0.003	0.004	0.006	0.02
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	9	7.8	7.811	8.3	7.2	0.151	0.389	7.2	7.5	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	9	7.8	7.655	8.3	7.2	0.178	0.422	7.2	7.5	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	9	0.016	0.022	0.063	0.005	0.	0.021	0.005	0.008	0.035	0.063
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	9	114.	110.556	150.	72.	788.278	28.076	72.	84.	138.5	150.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

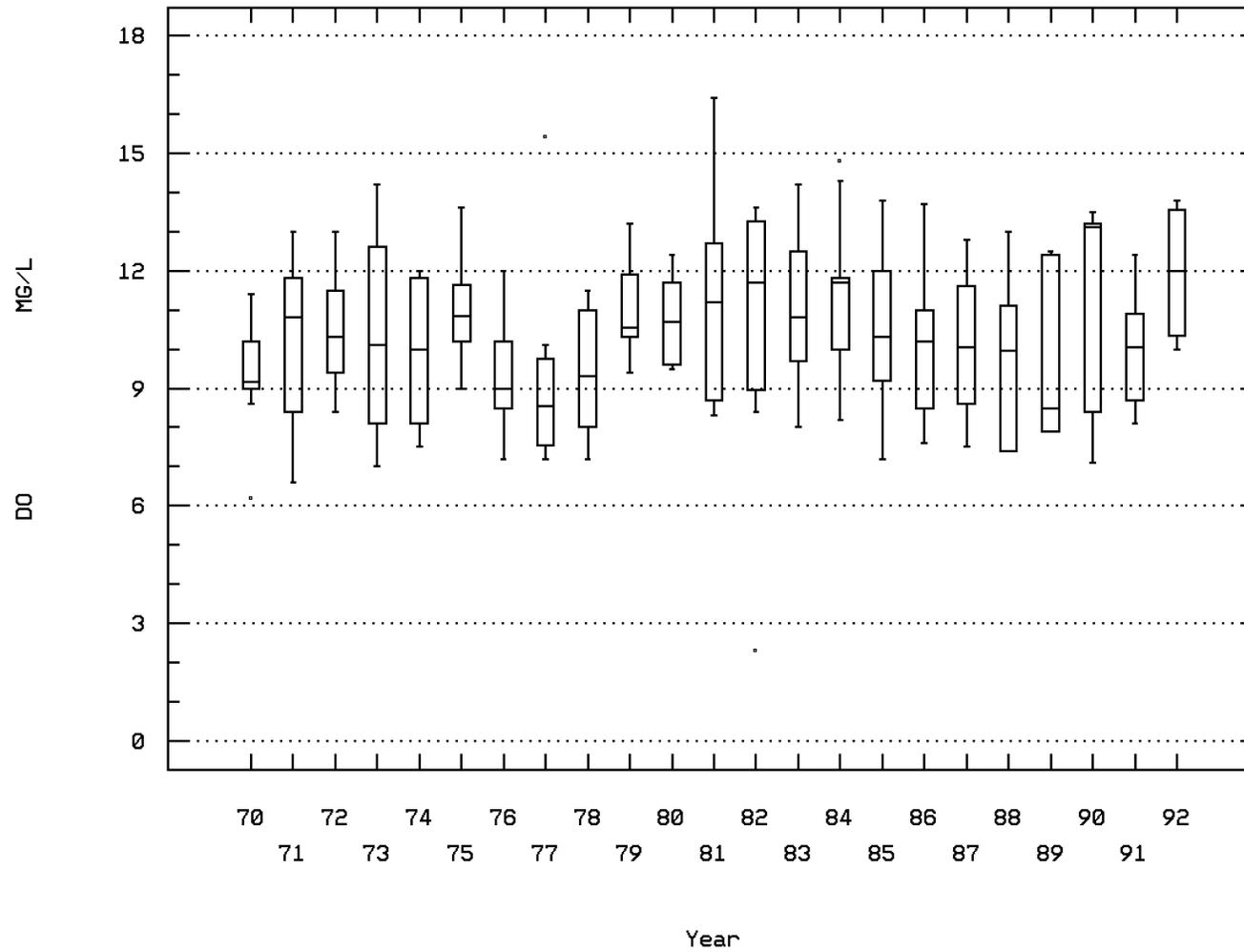
Annual Analysis for 1995 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	4.	6.611	16.	1.5	31.111	5.578	1.5	3.	12.5	16.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	9##	1.5	1.833	3.	1.5	0.438	0.661	1.5	1.5	2.25	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	9	3.	5.	13.	1.5	22.375	4.73	1.5	1.5	10.	13.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	8##	0.03	0.046	0.11	0.02	0.001	0.037	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	8	0.01	0.015	0.05	0.005	0.	0.015	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	8	0.345	0.379	0.59	0.24	0.015	0.121	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	8	0.2	0.25	0.4	0.2	0.009	0.093	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	8	0.2	0.181	0.3	0.05	0.006	0.075	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	9	2.5	2.889	4.4	1.8	0.786	0.887	1.8	2.15	3.65	4.4
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	9	119.	120.222	162.	84.	786.694	28.048	84.	91.5	146.	162.
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	9	7.	7.	9.	5.	1.5	1.225	5.	6.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	9	9.	9.111	10.	8.	0.611	0.782	8.	8.5	10.	10.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	200.	1250.	8000.	50.	6649375.	2578.638	50.	50.	1100.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	9	2.301	2.476	3.903	1.699	0.573	0.757	1.699	1.699	2.991	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			299.173								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	8	0.14	0.141	0.32	0.05	0.007	0.085	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0071 Parameter Code: 00300

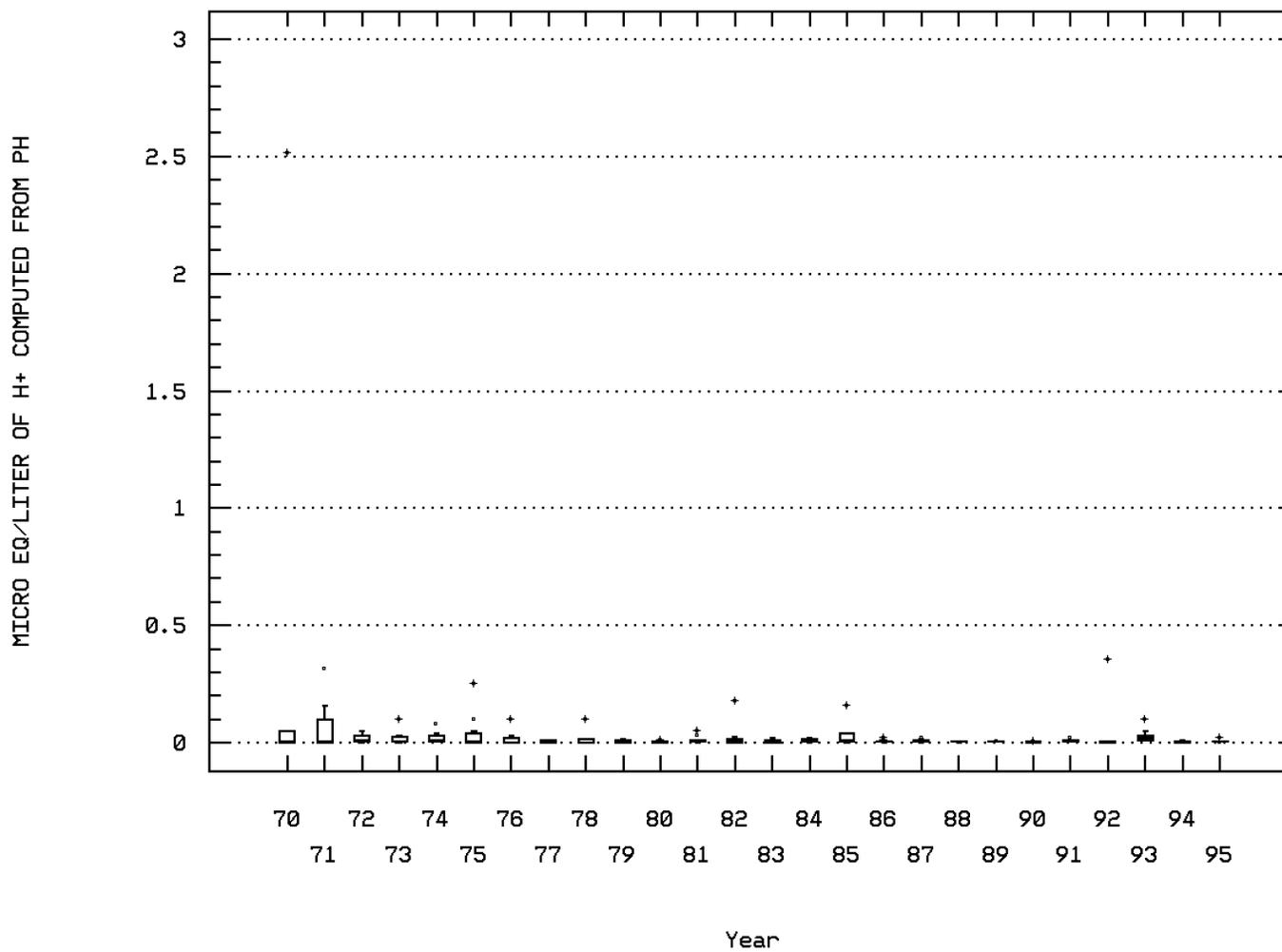
OXYGEN, DISSOLVED



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00400

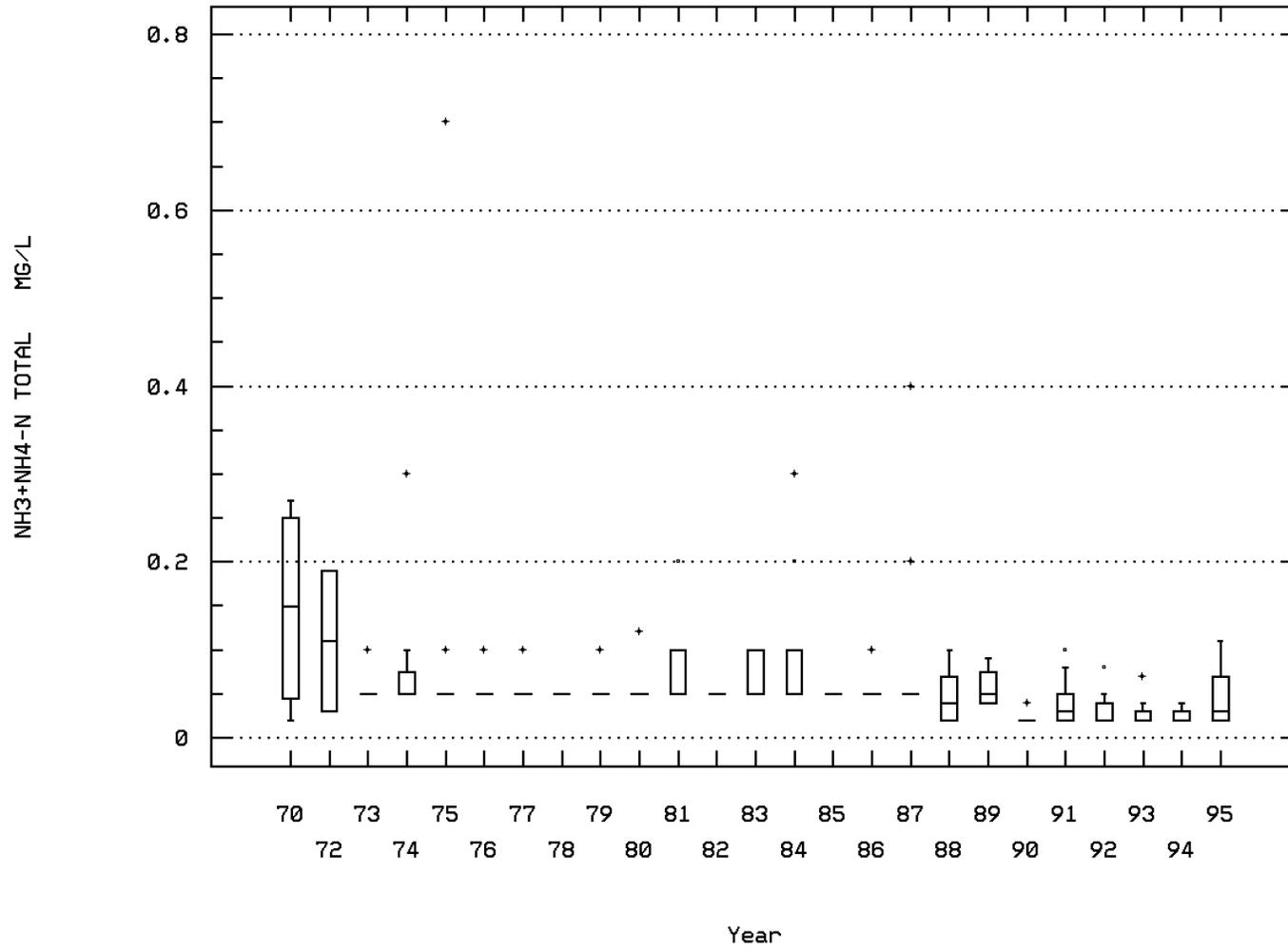
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00610

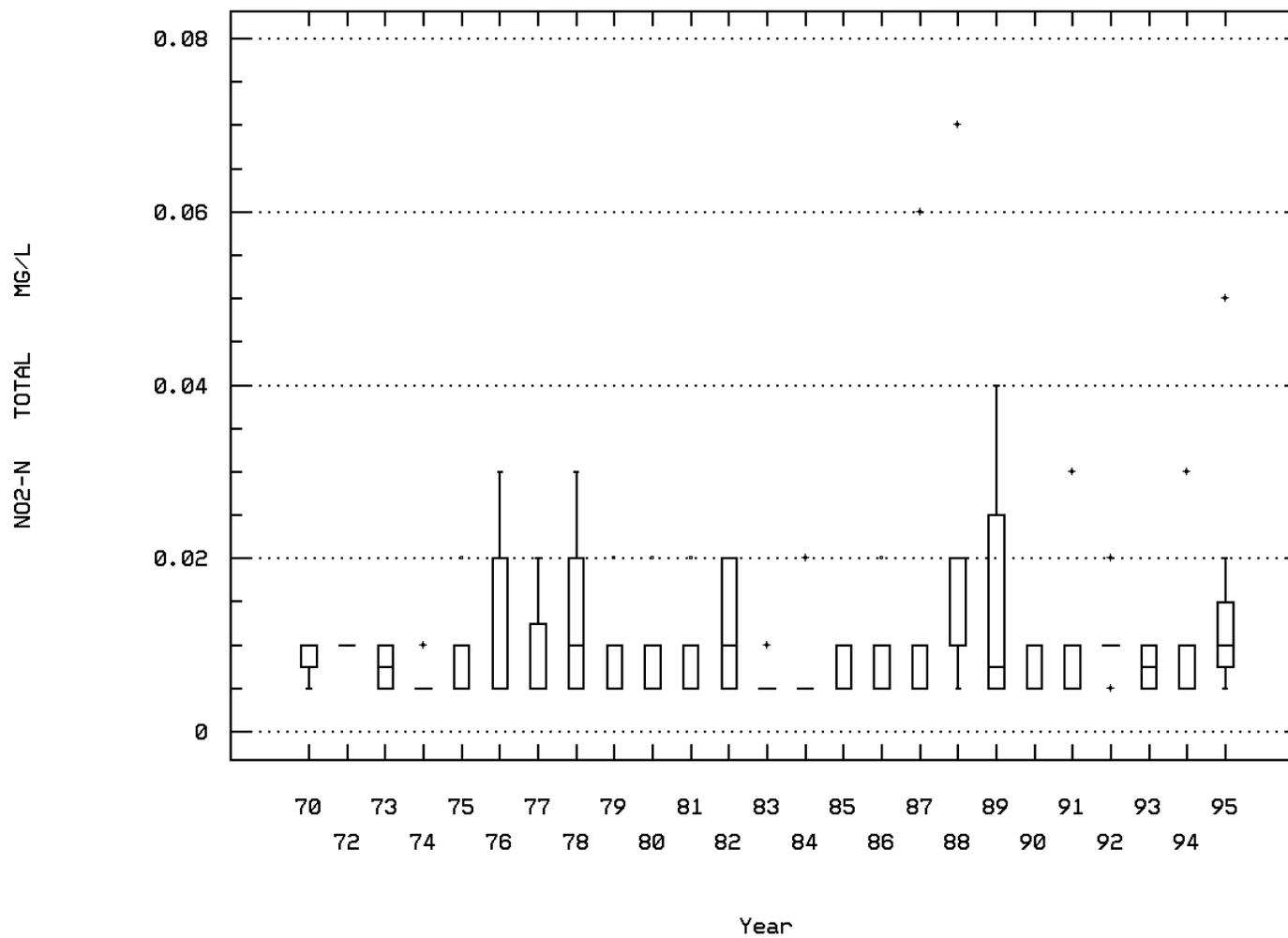
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00615

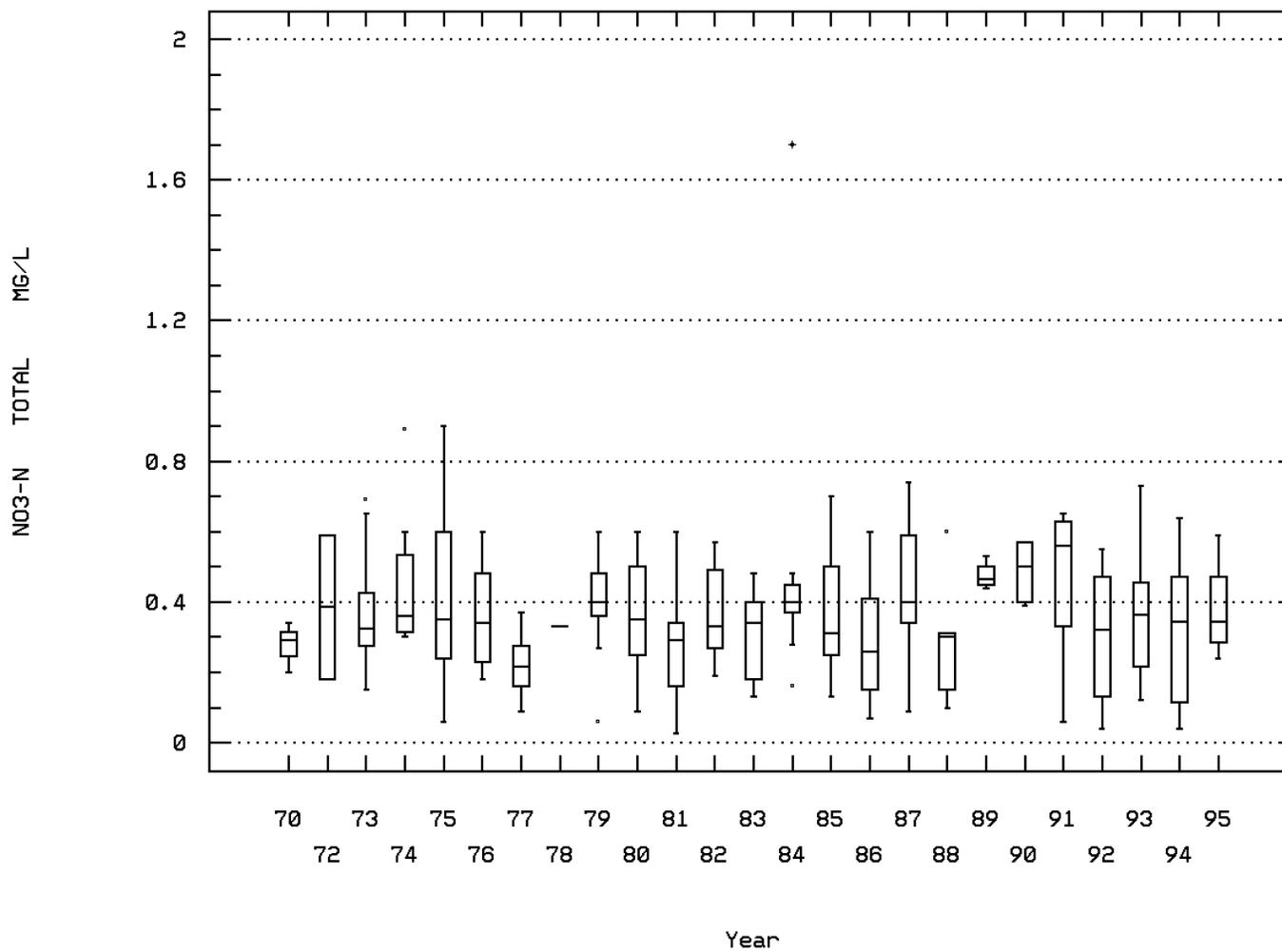
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00620

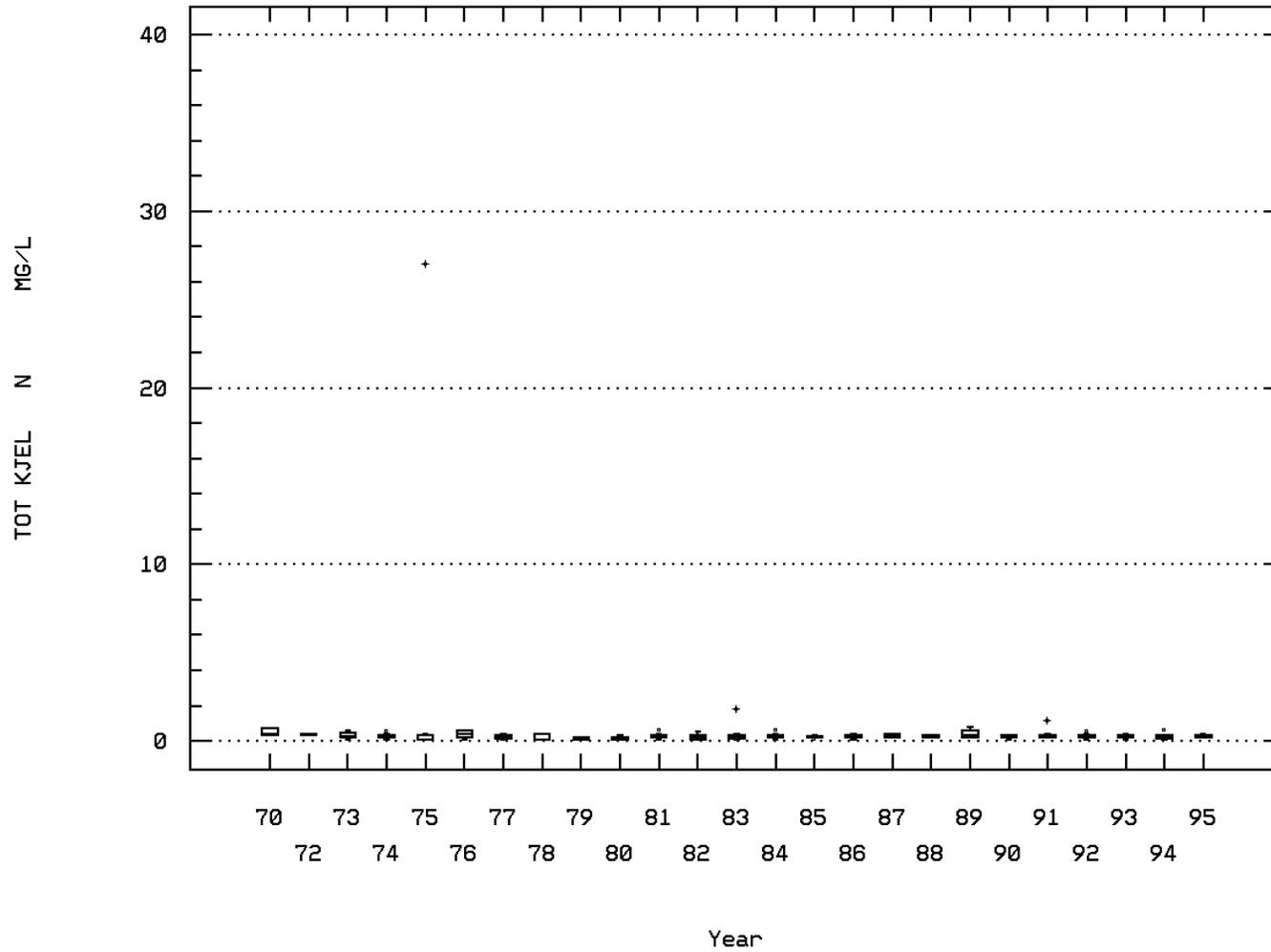
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 00625

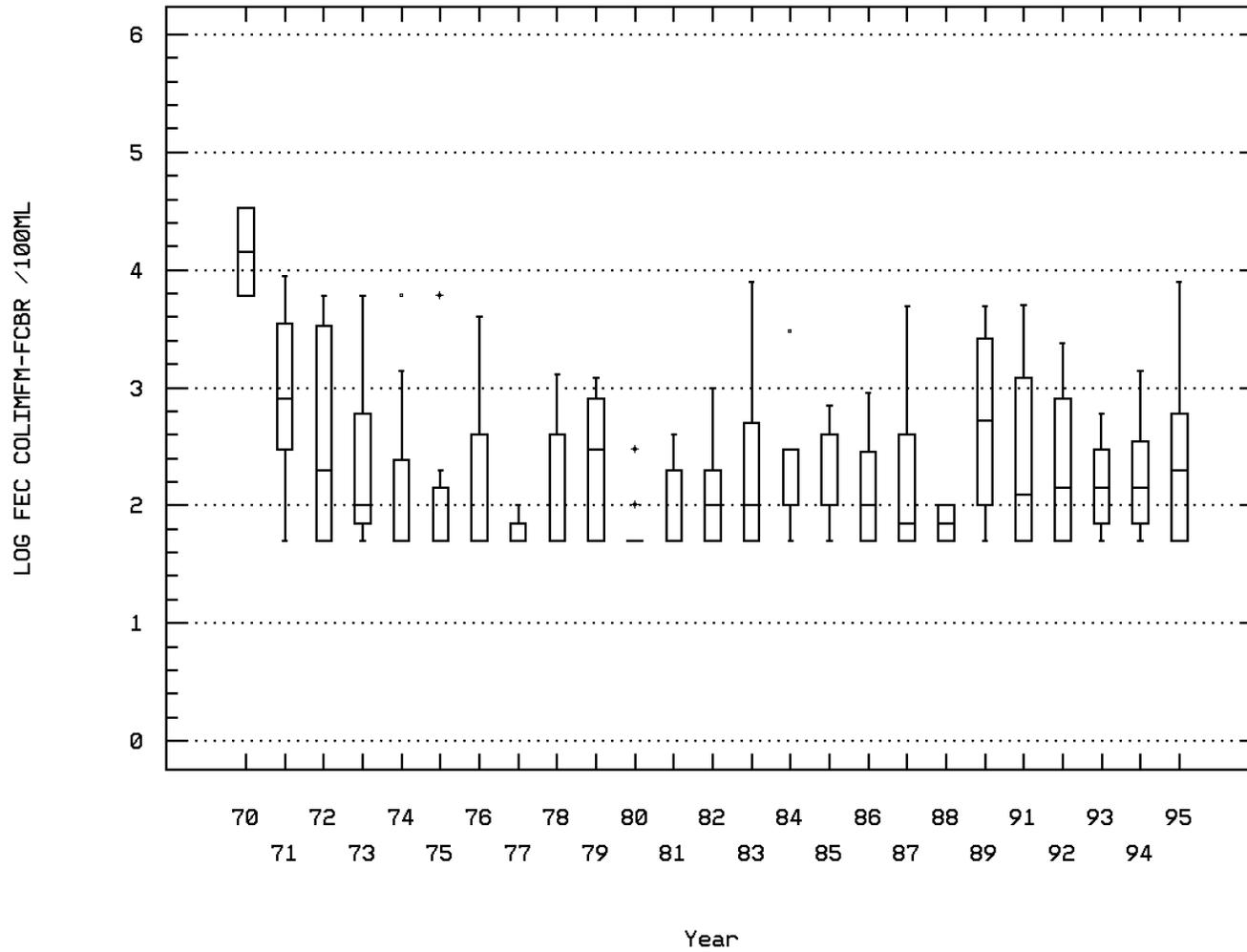
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 130 BRIDGE AT GLASGOW

Station: BLRI0071 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



RT. 130 BRIDGE AT GLASGOW

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	78	23.5	22.66	30.3	2.1	24.907	4.991	15.87	20.95	26.1	27.02
00070	TURBIDITY, (JACKSON CANDLE UNITS)	6	5.45	5.467	9.	1.	7.903	2.811	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	29	273.	275.448	487.	196.	3309.97	57.532	198.	250.5	284.	312.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	20	268.5	272.1	333.	228.	635.989	25.219	246.1	254.	282.25	313.
00300	OXYGEN, DISSOLVED MG/L	65	8.6	8.949	12.4	6.2	1.55	1.245	7.52	8.15	9.8	10.54
00310	BOD, 5 DAY, 20 DEG C MG/L	62	1.	1.16	4.	0.5	0.414	0.643	0.5	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	50	7.	7.88	19.	0.5	15.893	3.987	4.	5.	10.	14.7
00400	PH (STANDARD UNITS)	79	8.5	8.449	9.4	7.4	0.2	0.448	7.8	8.2	8.8	9.
00400	CONVERTED PH (STANDARD UNITS)	79	8.5	8.216	9.4	7.4	0.255	0.505	7.8	8.2	8.8	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	79	0.003	0.006	0.04	0.	0.	0.008	0.001	0.002	0.006	0.016
00403	PH, LAB, STANDARD UNITS SU	36	8.1	8.061	8.4	7.4	0.053	0.231	7.8	7.9	8.275	8.33
00403	CONVERTED PH, LAB, STANDARD UNITS	36	8.1	7.995	8.4	7.4	0.058	0.24	7.8	7.9	8.275	8.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	36	0.008	0.01	0.04	0.004	0.	0.007	0.005	0.005	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	35	126.	119.743	150.	13.	579.961	24.082	95.8	117.	131.	137.8
00500	RESIDUE, TOTAL (MG/L)	27	172.	191.889	586.	145.	6761.718	82.23	152.8	161.	196.	229.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	27	37.	70.444	700.	0.	16726.103	129.329	26.4	30.	60.	107.
00510	RESIDUE, TOTAL FIXED (MG/L)	27	133.	145.63	517.	37.	6226.242	78.907	106.8	121.	143.	174.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	67	5.	18.746	400.	0.	4579.7	67.673	1.9	2.5	9.	15.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	66	2.5	5.03	118.	0.	210.276	14.501	1.	1.5	4.	6.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	67	2.5	8.306	278.	0.	1165.53	34.14	0.4	1.5	5.	7.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	68 ##	0.05	0.059	0.3	0.02	0.002	0.049	0.02	0.043	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	68 ##	0.005	0.009	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	65	0.25	0.286	1.7	0.025	0.062	0.25	0.07	0.135	0.345	0.534
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	68	0.3	0.32	1.8	0.05	0.058	0.241	0.1	0.2	0.4	0.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	46	0.2	0.184	0.5	0.05	0.012	0.109	0.05	0.1	0.2	0.33
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	31	0.13	0.143	0.5	0.02	0.012	0.11	0.032	0.06	0.2	0.302
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	61	4.	4.351	10.	1.	5.375	2.318	1.82	2.35	6.	8.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	33	136.	133.273	162.	94.	178.392	13.356	114.	125.5	140.	146.
00940	CHLORIDE, TOTAL IN WATER MG/L	20	5.	5.35	7.	4.	1.503	1.226	4.	4.	6.75	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	20	9.	8.95	11.	0.892	0.945	8.	8.	9.75	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	9 ##	1.	1.111	2.5	0.5	0.361	0.601	0.5	0.75	1.25	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	11 ##	5.	4.182	5.	0.5	3.314	1.82	0.5	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12 ##	5.	4.667	10.	0.5	5.833	2.415	0.5	5.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	11 ##	5.	5.045	10.	0.5	4.523	2.127	1.4	5.	5.	9.
01051	LEAD, TOTAL (UG/L AS PB)	11 ##	5.	5.955	21.	0.5	38.923	6.239	0.6	1.	10.	18.8
01092	ZINC, TOTAL (UG/L AS ZN)	12	25.	56.25	410.	5.	12841.477	113.32	5.	5.	47.5	305.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	72	100.	650.694	8000.	50.	2363203.736	1537.272	50.	50.	400.	1720.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	72	2.	2.214	3.903	1.699	0.391	0.625	1.699	1.699	2.602	3.229
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			163.694								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	22 ##	0.075	0.107	0.4	0.05	0.007	0.086	0.05	0.05	0.125	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	36	0.095	0.122	0.34	0.01	0.007	0.083	0.047	0.053	0.175	0.266
71900	MERCURY, TOTAL (UG/L AS HG)	12 ##	0.25	0.217	0.25	0.15	0.002	0.049	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	112	7.55	7.846	22.	0.	17.34	4.164	2.86	4.5	10.575	13.24
00070	TURBIDITY, (JACKSON CANDLE UNITS)	13	1.8	9.492	98.	0.7	708.497	26.618	0.78	1.3	3.2	60.76
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	45	244.	231.333	334.	2.	4218.591	64.951	175.8	199.	262.	310.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	23	222.	228.478	306.	110.	2724.715	52.199	147.	200.	276.	291.4
00300	OXYGEN, DISSOLVED MG/L	96	11.7	11.574	16.4	2.3	3.789	1.947	9.14	10.725	13.	13.73
00310	BOD, 5 DAY, 20 DEG C MG/L	83	1.	1.719	8.	0.5	1.436	1.198	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	69	6.	8.761	116.	0.5	222.916	14.93	1.	3.	9.	14.
00400	PH (STANDARD UNITS)	111	8.06	8.002	9.3	5.6	0.491	0.701	7.	7.7	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	111	8.06	7.136	9.3	5.6	1.247	1.117	7.	7.7	8.5	8.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	111	0.009	0.073	2.512	0.001	0.113	0.337	0.002	0.003	0.02	0.1
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	45	7.9	7.884	8.9	6.6	0.189	0.435	7.26	7.65	8.15	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	45	7.9	7.641	8.9	6.6	0.25	0.5	7.26	7.65	8.15	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	45	0.013	0.023	0.251	0.001	0.001	0.038	0.004	0.007	0.023	0.055
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	44	101.5	100.318	150.	35.	649.664	25.489	65.5	86.	119.5	133.5
00500	RESIDUE, TOTAL (MG/L)	03/25/70-08/05/92	35	138.	152.371	563.	18.	6815.299	82.555	97.8	123.	156.	203.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/25/70-08/05/92	35	31.	38.371	104.	7.	422.299	20.55	16.8	25.	50.	66.8
00510	RESIDUE, TOTAL FIXED (MG/L)	03/25/70-08/05/92	35	105.	115.714	484.	11.	5270.269	72.597	74.4	81.	121.	147.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	89	3.	14.781	472.	0.	2770.113	52.632	1.	2.5	9.	23.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	89	2.5	4.287	54.	0.	48.3	6.95	0.5	1.5	3.5	10.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	88	2.5	11.426	418.	0.	2170.802	46.592	0.5	1.5	5.	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	97 ##	0.05	0.061	0.7	0.02	0.006	0.079	0.02	0.04	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	97 ##	0.005	0.009	0.06	0.005	0.	0.007	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	96	0.425	0.429	0.9	0.06	0.03	0.172	0.19	0.32	0.577	0.633
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	96	0.2	0.508	27.	0.05	7.486	2.736	0.1	0.15	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	69	0.1	0.14	0.6	0.05	0.013	0.115	0.05	0.05	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	56	0.07	0.084	0.26	0.01	0.004	0.065	0.017	0.023	0.12	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	76	3.	4.245	27.	0.5	19.544	4.421	1.	1.825	5.	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	42	115.	115.357	160.	70.	425.064	20.617	87.2	101.75	130.	146.2
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	27	5.	5.222	9.	2.	3.256	1.805	3.	4.	6.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	27	9.	9.444	13.	6.	1.718	1.311	8.	9.	10.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/20/82	4 ##	1.75	2.25	5.	0.5	4.083	2.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/29/70-07/20/82	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/20/82	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/20/82	10 ##	5.	9.5	30.	5.	74.722	8.644	5.	5.	12.5	29.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/20/82	10 ##	5.	7.2	20.	5.	23.733	4.872	5.	5.	7.25	19.1
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/10/90	11	20.	18.636	40.	5.	170.455	13.056	5.	5.	30.	38.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	101	100.	1112.376	34000.	50.	13980220.297	3739.013	50.	50.	450.	3220.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	101	2.	2.292	4.531	1.699	0.476	0.69	1.699	1.699	2.651	3.5
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			195.932								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	27 ##	0.05	0.2	3.8	0.05	0.518	0.72	0.05	0.05	0.1	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	40	0.05	0.168	3.5	0.005	0.301	0.549	0.02	0.03	0.098	0.316
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/20/82	10 ##	0.25	0.24	0.25	0.15	0.001	0.032	0.16	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/70-10/19/95	69	18.	18.139	25.4	6.8	17.785	4.217	12.7	15.6	21.15	23.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/71-04/15/92	9	3.8	24.056	170.	0.5	3056.56	55.286	0.5	1.3	15.95	170.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/09/79-01/23/90	27	227.	226.963	343.	141.	2465.96	49.658	159.8	195.	262.	299.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/89-09/11/95	16	253.5	246.75	289.	204.	721.267	26.856	208.9	220.75	266.	282.
00300	OXYGEN, DISSOLVED MG/L	03/25/70-04/15/92	57	10.	9.696	13.2	1.	3.522	1.877	7.5	8.65	11.	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/70-09/11/95	52	1.	1.348	4.4	0.5	0.571	0.756	0.5	1.	1.775	2.
00340	COD, .25N K2CR2O7 MG/L	07/27/76-09/11/95	43	5.	5.279	11.	0.5	9.087	3.014	1.	2.5	7.	9.6
00400	PH (STANDARD UNITS)	03/25/70-10/19/95	68	8.3	8.281	9.2	7.	0.226	0.475	7.69	8.	8.575	9.
00400	CONVERTED PH (STANDARD UNITS)	03/25/70-10/19/95	68	8.3	8.008	9.2	7.	0.301	0.549	7.69	8.	8.575	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-10/19/95	68	0.005	0.01	0.1	0.001	0.	0.015	0.001	0.003	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	03/25/70-09/11/95	29	8.	7.972	8.5	7.	0.099	0.315	7.6	7.8	8.25	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/70-09/11/95	29	8.	7.836	8.5	7.	0.118	0.344	7.6	7.8	8.25	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/70-09/11/95	29	0.01	0.015	0.1	0.003	0.	0.018	0.004	0.006	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/25/70-09/11/95	28	111.5	102.55	149.	0.4	979.448	31.296	70.8	89.	120.	134.1
00500	RESIDUE, TOTAL (MG/L)	03/25/70-08/05/92	27	152.	179.074	800.	120.	16307.994	127.703	126.6	136.	165.	202.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/25/70-08/05/92	27	32.	54.63	600.	12.	12057.319	109.806	16.6	25.	39.	59.2
00510	RESIDUE, TOTAL FIXED (MG/L)	03/25/70-08/05/92	27	119.	124.444	242.	81.	1114.026	33.377	89.2	106.	136.	156.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/70-09/11/95	59	5.	8.61	102.	0.	199.725	14.132	2.	2.5	10.	15.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/25/70-09/11/95	59	2.5	2.712	11.	0.	4.51	2.124	1.	1.5	3.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/25/70-09/11/95	59	3.	6.254	92.	0.	152.581	12.352	1.	2.	6.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-08/09/95	60 ##	0.05	0.062	0.3	0.02	0.003	0.051	0.02	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	62 ##	0.005	0.012	0.07	0.005	0.	0.012	0.005	0.005	0.013	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/70-08/09/95	59	0.34	0.351	0.63	0.1	0.014	0.116	0.2	0.27	0.43	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-08/09/95	60	0.2	0.261	0.8	0.05	0.021	0.145	0.1	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/79-08/09/95	42	0.1	0.13	0.3	0.05	0.006	0.077	0.05	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/79-04/15/92	32	0.065	0.074	0.16	0.005	0.002	0.047	0.02	0.03	0.12	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/75-09/11/95	51	3.1	4.049	14.	0.5	6.271	2.504	1.66	2.3	5.	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-09/11/95	26	119.	114.962	156.	10.	833.478	28.87	78.8	106.	130.5	143.6
00940	CHLORIDE, TOTAL IN WATER MG/L	11/28/88-09/11/95	16	4.	4.813	8.	3.	2.163	1.471	3.7	4.	5.75	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/88-09/11/95	16	8.	8.188	10.	7.	0.696	0.834	7.	8.	8.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/71-07/20/82	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/29/70-07/20/82	4 ##	5.	5.25	6.	5.	0.25	0.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-07/20/82	8 ##	5.	6.875	20.	5.	28.125	5.303	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-07/20/82	8	10.	10.625	20.	5.	38.839	6.232	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/70-07/20/82	6 ##	5.	8.333	22.	3.	50.267	7.09	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-12/10/90	8	10.	13.125	20.	5.	35.268	5.939	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	60	100.	550.	8000.	50.	1760338.983	1326.778	50.	50.	300.	1380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	60	2.	2.173	3.903	1.699	0.369	0.607	1.699	1.699	2.477	3.139
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/24/70-10/19/95	60	2.	2.173	3.903	1.699	0.369	0.607	1.699	1.699	2.477	3.139
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-12/02/78	18 ##	0.05	0.072	0.15	0.05	0.001	0.031	0.05	0.05	0.1	0.105
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-08/09/95	28	0.05	0.081	0.32	0.005	0.005	0.07	0.02	0.05	0.098	0.17
71900	MERCURY, TOTAL (UG/L AS HG)	09/20/70-07/20/82	7 ##	0.25	0.271	0.5	0.15	0.012	0.107	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0072

NPS Station ID: BLRI0072
 Location: MAURY RIVER NEAR GLASGOW, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080202
 Major Basin:
 Minor Basin:
 RF1 Index: 02080202
 RF3 Index: 02080202000307.69
 Description:

LAT/LON: 37.631115/ -79.443892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.93

Agency: 112WRD
 FIPS State/County: 51163 VIRGINIA/ROCKBRIDGE
 STORET Station ID(s): 02024500
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 2.50
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/67-09/12/68	13	20.	17.231	29.	1.	89.026	9.435	1.8	9.	26.	28.6
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/67-09/12/68	14	262.5	307.857	650.	130.	26952.747	164.173	140.	166.25	447.5	590.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/67-09/12/68	14	7.5	7.929	20.	3.	16.841	4.104	4.	5.	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/67-09/12/68	14	240.	249.	330.	156.	2478.615	49.786	180.	213.75	300.25	320.
00400	PH (STANDARD UNITS)	10/17/67-09/12/68	14	7.9	7.836	8.1	7.5	0.032	0.178	7.55	7.675	8.	8.05
00400	CONVERTED PH (STANDARD UNITS)	10/17/67-09/12/68	14	7.9	7.8	8.1	7.5	0.033	0.182	7.55	7.675	8.	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/67-09/12/68	14	0.013	0.016	0.032	0.008	0.	0.007	0.009	0.01	0.021	0.028
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/17/67-09/12/68	14	111.	110.143	134.	69.	288.901	16.997	81.	101.5	122.25	132.5
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/67-09/12/68	14	135.5	134.357	163.	84.	434.709	20.85	98.5	123.25	149.5	161.5
00445	CARBONATE ION (MG/L AS CO3)	10/17/67-09/12/68	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/67-09/12/68	14	0.625	0.696	1.52	0.	0.233	0.483	0.095	0.303	1.1	1.51
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/67-09/12/68	14	122.5	120.786	145.	76.	330.643	18.184	90.	109.5	133.	144.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/67-09/12/68	14	10.	10.5	18.	7.	9.038	3.006	7.	7.75	12.	16.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/67-09/12/68	14	35.	35.214	45.	25.	24.951	4.995	28.	31.75	39.25	43.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/67-09/12/68	14	7.6	7.95	11.	3.4	3.755	1.938	4.85	7.2	9.25	11.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/67-09/12/68	14	3.3	3.75	6.9	1.6	2.79	1.67	1.7	2.575	4.625	6.9
00931	SODIUM ADSORPTION RATIO	10/17/67-09/12/68	14	0.1	0.15	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.25
00932	SODIUM, PERCENT	10/17/67-09/12/68	14	6.	6.	9.	4.	3.077	1.754	4.	4.	7.25	9.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/67-09/12/68	14	1.85	2.1	6.2	0.6	2.288	1.513	0.7	1.1	2.4	5.25
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/67-09/12/68	14	4.	4.714	9.	2.	4.066	2.016	2.5	3.	5.5	8.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/67-09/12/68	14	13.	13.714	22.	8.	12.989	3.604	8.5	11.75	16.	20.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/67-09/12/68	14	0.15	0.143	0.3	0.	0.007	0.085	0.	0.1	0.2	0.25
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/67-09/12/68	14	4.25	4.086	6.3	1.	1.521	1.233	1.95	3.5	4.7	5.85
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/17/67-09/12/68	14	140.	140.5	181.	83.	620.731	24.914	101.5	126.5	160.5	177.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-09/12/68	14	136.5	139.429	180.	90.	509.187	22.565	104.5	126.	152.75	174.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/67-09/12/68	14	99.6	113.657	211.	33.6	3020.08	54.955	48.55	68.8	157.25	206.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/67-09/12/68	14	0.19	0.191	0.25	0.11	0.001	0.035	0.135	0.17	0.22	0.245
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/67-09/12/68	14	1.1	1.171	2.8	0.1	0.664	0.815	0.15	0.55	1.625	2.65
71885	IRON (UG/L AS FE)	10/17/67-09/12/68	14	10.	32.143	180.	0.	2571.978	50.715	0.	0.	55.	130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0072

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
	Drinking Water	250.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0073

NPS Station ID: BLRI0073
 Location: 34JS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 02080201016700.00
 Description:

LAT/LON: 37.519448/ -79.501115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.22

Agency: 112WRD
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 373110079300401
 Within Park Boundary: No

Date Created: 09/22/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 22.90
 Distance from RF3: 0.27

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/79-07/23/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/20/56-07/23/79	2	35.	35.	70.	0.	2450.	49.497	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/56-07/23/79	2	81.	81.	83.	79.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/56-07/23/79	2	6.65	6.65	7.5	5.8	1.445	1.202	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/56-07/23/79	2	6.092	6.092	7.5	5.8	2.067	1.438	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/56-07/23/79	2	0.808	0.808	1.585	0.032	1.206	1.098	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/56-07/23/79	2	10.2	10.2	18.	2.4	121.68	11.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/20/56-07/23/79	2	22.5	22.5	39.	6.	544.5	23.335	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/56-07/23/79	2	27.	27.	47.	7.	800.	28.284	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/56-07/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/23/79-07/23/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/23/79-07/23/79	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/79-07/23/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/79-07/23/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/79-07/23/79	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/20/56-07/23/79	2	30.5	30.5	40.	21.	180.5	13.435	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/20/56-07/23/79	2	8.5	8.5	16.	1.	112.5	10.607	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/20/56-07/23/79	2	9.95	9.95	14.	5.9	32.805	5.728	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/56-07/23/79	2	1.4	1.4	1.6	1.2	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/56-07/23/79	2	3.45	3.45	6.	0.9	13.005	3.606	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/56-07/23/79	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
00932	SODIUM, PERCENT	09/20/56-07/23/79	2	21.	21.	37.	5.	512.	22.627	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/23/79-07/23/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/56-07/23/79	2	0.6	0.6	0.8	0.4	0.08	0.283	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/20/56-07/23/79	2	11.	11.	20.	2.	162.	12.728	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/56-07/23/79	2	1.85	1.85	3.	0.7	2.645	1.626	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/56-07/23/79	2##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/20/56-07/23/79	2	5.75	5.75	6.	5.5	0.125	0.354	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/23/79-07/23/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/23/79-07/23/79	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/23/79-07/23/79	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/23/79-07/23/79	1	67.	67.	67.	67.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/56-09/20/56	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/56-07/23/79	2##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/23/79-07/23/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/56-09/20/56	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/23/79-07/23/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/20/56-09/20/56	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/23/79-07/23/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/20/56-07/23/79	2	65.5	65.5	77.	54.	264.5	16.263	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/56-07/23/79	2	49.	49.	49.	49.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/79-07/23/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	09/20/56-09/20/56	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/79-07/23/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/23/79-07/23/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/23/79-07/23/79	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0073

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50										
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	1	0	0.00	1	0	0.00										
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	1	0	0.00	1	0	0.00										
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	1	0	0.00	1	0	0.00										
00940	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945	SULFATE, TOTAL (AS SO4)	250.	2	0	0.00	2	0	0.00										
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00	2	0	0.00										
01000	ARSENIC, DISSOLVED	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00	1	0	0.00										
	Drinking Water	5.	1	0	0.00	1	0	0.00										
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00	1	0	0.00										
01040	COPPER, DISSOLVED	18.	1	1	1.00	1	1	1.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01049	LEAD, DISSOLVED	82.	1	0	0.00	1	0	0.00										
	Drinking Water	15.	1	0	0.00	1	0	0.00										
01090	ZINC, DISSOLVED	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
01145	SELENIUM, DISSOLVED	20.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
71850	NITRATE NITROGEN, TOTAL (AS NO3)	44.	1	0	0.00	1	0	0.00										
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00	1	0	0.00										
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	1	0	0.00	1	0	0.00										
71890	MERCURY, DISSOLVED	2.4	1	0	0.00	1	0	0.00										
	Drinking Water	2.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0074

NPS Station ID: BLRI0074 LAT/LON: 37.558337/ -79.542781
 Location: ON NORTH FORK OF NORTH CREEK JUST ABOVE FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: NORTH ATLANTIC Elevation: 0
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201023500.00 RF3 Mile Point: 1.38

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140302
 Within Park Boundary: No

Date Created: 04/26/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 26.60
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Description:
 ON N FORK ABOVE JCT WITH STREAM FROM APPLE ORCHARD FALLS POINT 62-02 SAMPLE RESULTS ARE TO BE COMPAIRED AGAINST VA.STATE NATIVE TROUT STREAM
 QUALITY STANDARDS. PH BETWEEN 6.0 AND 8.5, TEMP.BELOW 68 F TURBIDITY BELOW 10 JTU, CONDUCTIVITY BELOW 25.VISUALLY CHECK FOR STREAM BED CHANGE
 SINCE LAST SAMPLE DATE AND CONDITION OF STREAM BED IN STREAM FROM

Parameter Inventory for Station: BLRI0074

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/11/80-02/19/81	4	52.	52.5	66.	40.	167.	12.923	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/11/80-08/13/80	3	6.	7.	14.	1.	43.	6.557	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/80-02/19/81	4	35.5	65.	165.	24.	4482.	66.948	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/11/80-02/19/81	4	11.	10.5	12.5	7.5	5.167	2.273	**	**	**	**
00400 PH (STANDARD UNITS)	03/11/80-02/19/81	4	7.	6.875	7.	6.5	0.063	0.25	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/11/80-02/19/81	4	7.	6.812	7.	6.5	0.068	0.26	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/80-02/19/81	4	0.1	0.154	0.316	0.1	0.012	0.108	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0074

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00	1	0	0.00						
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00400 PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	4	1	0.25	2	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0075

NPS Station ID: BLRI0075 LAT/LON: 37.447781/ -79.546392
 Location: INFLOW BEDFORD RESERVOIR (BEDFORD CO)
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: STONEY CREEK (BEDFORD RESERVOIR) SECTION: 05F TOPO MAP #: 0050 TOPO MAP NAME: PEAKS OF OTTER, VA

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4ASCB004.96
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

Date Created: 06/26/93
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0075

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0076

NPS Station ID: BLRI0076 LAT/LON: 37.493754/ -79.546727
 Location: CORNELIUS CREEK-LOWER, NEAR A.T. SHELTER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 1
 Major Basin: NORTH ATLANTIC Elevation: 939
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201016700.00 RF3 Mile Point: 0.40

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140308
 Within Park Boundary: No

Date Created: 04/30/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 20.90
 Distance from RF3: 0.40

On/Off RF1:
 On/Off RF3:

Description:
 CORNELIUS CREEK. SAMPLE COLLECTED FROM HEADWATERS OF CREEK 50 YDS UP STREAM OF TRAIL CROSSING. STATION MONITORS FECAL COLIFORMS MONTHLY TO DETERMINE DRINKING WATER QUALITY AND IMPACTS FROM HORSE TRAIL ABOVE SAMPLING SITE. ORIGINAL DATA AVAILABLE AT SUPERVISOR'S OFFICE, JEFFERSON NATIONAL FOREST, 210 FRANKLIN ROAD SW, ROANOKE, VA 24001.

Parameter Inventory for Station: BLRI0076

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0078

NPS Station ID: BLRI0078 LAT/LON: 37.444448/ -79.549727
 Location: "BEDFORD RESERVOIR" STATION AT DAM (BEDFORD CO.)
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101009405.64 RF3 Mile Point: 5.64

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4ASCB004.58
 Within Park Boundary: No

Date Created: 07/27/91

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: STONY CREEK SECTION: 05F TOPO MAP #: 0050 TOPO MAP NAME: PEAKS OF OTTER, VA

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 22.60
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-08/06/91	1	26.	26.	26.	26.	0.	0.	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/06/91-08/06/91	1	46.	46.	46.	46.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/91-08/06/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-08/06/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-08/06/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-08/06/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/91-08/06/91	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/91-08/06/91	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-08/06/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/91-08/06/91	1	12.	12.	12.	12.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-08/06/91	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/91-08/06/91	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/06/91-08/06/91	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-08/06/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-08/06/91	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/06/91-08/06/91	1	10.	10.	10.	10.	0.	0.	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/91-08/06/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/06/91-08/06/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/06/91-08/06/91	1	20.	20.	20.	20.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/91-08/06/91	1	88.	88.	88.	88.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/06/91-08/06/91	2	2235.	2235.	4360.	110.	9031250.	3005.204	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/91-08/06/91	1	17.	17.	17.	17.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/06/91-08/06/91	2	215.	215.	420.	10.	84050.	289.914	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/06/91-08/06/91	1	6.	6.	6.	6.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/91-08/06/91	1	61.	61.	61.	61.	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/06/91-08/06/91	1##	50.	50.	50.	50.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/06/91-08/06/91	1##	1.699	1.699	1.699	1.699	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			50.	50.							
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/06/91-08/06/91	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/06/91-08/06/91	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/06/91-08/06/91	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/06/91-08/06/91	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/06/91-08/06/91	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34671	PCB - 1016 TOTWUG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	1##	250.	250.	250.	250.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	1##	500.	500.	500.	500.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	2##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39526	PCBS TOTAL IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	1##	250.	250.	250.	250.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	1##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0078

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	4.	1	0	0.00	1	0	0.00									
00400	PH	9.	1	0	0.00	1	0	0.00									
00403	PH, LAB	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	20.	2	0	0.00	2	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.	2	0	0.00	2	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	1.1	2	0	0.00	2	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	0.6	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	2	0	0.00	2	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	2.	2	0	0.00	2	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	0.2	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	2.5	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0078

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00										
	Drinking Water	3.	2	0	0.00	2	0	0.00										
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00										
	Drinking Water	0.4	2	0	0.00	2	0	0.00										
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00										
	Drinking Water	0.2	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0079

NPS Station ID: BLRI0079
 Location: 34HS 3
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 03010101155100.00
 Description:

LAT/LON: 37.481948/ -79.564448

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 373351079285601
 Within Park Boundary: Yes

Date Created: 07/21/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.26

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0079

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/74-07/19/79	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/27/74-07/19/79	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/74-07/19/79	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/74-07/19/79	2	6.45	6.45	6.8	6.1	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/74-07/19/79	2	6.322	6.322	6.8	6.1	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/74-07/19/79	2	0.476	0.476	0.794	0.158	0.202	0.45	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/27/74-07/19/79	2	7.9	7.9	14.	1.8	74.42	8.627	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/27/74-07/19/79	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/27/74-07/19/79	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/74-07/19/79	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/74-07/19/79	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/27/74-07/19/79	2	1.05	1.05	1.3	0.8	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/27/74-07/19/79	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/27/74-07/19/79	2	1.15	1.15	1.4	0.9	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/27/74-07/19/79	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	09/27/74-07/19/79	2	33.5	33.5	42.	25.	144.5	12.021	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/74-07/19/79	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/27/74-07/19/79	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/74-07/19/79	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/74-07/19/79	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/27/74-07/19/79	2	9.65	9.65	10.	9.3	0.245	0.495	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/27/74-09/27/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/27/74-09/27/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/27/74-07/19/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/27/74-09/27/74	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/27/74-07/19/79	2	22.	22.	24.	20.	8.	2.828	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/27/74-07/19/79	2	19.5	19.5	21.	18.	4.5	2.121	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/27/74-07/19/79	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/74-07/19/79	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/27/74-07/19/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0079

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0080

NPS Station ID: BLRI0080
 Location: STA #21 RT. 640 BRIDGE (BEDFORD COUNTY)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 03010101160000.00
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: STONY CREEK SECTION: 05F TOPO MAP #: 0050 TOPO MAP NAME: PEAKS OF OTTER, VA

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4ASCB007.10
 Within Park Boundary: No

Date Created: 08/15/92

Depth of Water: 0
 Elevation: 0

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.80
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0080

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/92-08/09/93	2	16.6	16.6	16.9	16.3	0.18	0.424	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/05/92-08/05/92	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/05/92-08/09/93	2	8.405	8.405	9.61	7.2	2.904	1.704	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/05/92-08/09/93	2	7.499	7.499	9.61	7.2	4.544	2.132	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/92-08/09/93	2	0.032	0.032	0.063	0.	0.002	0.044	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/05/92-08/09/93	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/05/92-08/09/93	2 ##	1.849	1.849	2.	1.699	0.045	0.213	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		70.711									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0080

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	2	1	0.50	2	1	0.50									
	Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0081

NPS Station ID: BLRI0081
 Location: MIDDLE CREEK AT FS BOUNDARY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201
 RF3 Index: 02080201004402.46
 Description:

LAT/LON: 37.519170/ -79.579726

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.45

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140304 /0208020162
 Within Park Boundary: No

Date Created: 06/05/82

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 32.70
 Distance from RF3: 0.19

On/Off RF1:
 On/Off RF3:

MIDDLE CREEK RD POINT 62-4 RAW DATA AT GLENWOOD DISTRICT OFFICE TEST, FOR SUSPENDED SEDIMENT AND VISUAL WATER QUALITY RATEINGSTHIS POINT
 SAMPLES WATER QUALITY LEAVEING NATIONAL FOREST LAND AND SAMPLEING WILL CONTINUE FOR ONE YEAR FOLLOWING COMPLEATION OF ROAD CONSTRUCTION

Parameter Inventory for Station: BLRI0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/04/85-08/04/85	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00021 TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/04/85-08/04/85	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00065 STAGE, STREAM (FEET)	08/04/85-08/04/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00077 TRANSPARENCY, SECCHI DISC (INCHES)	08/04/85-08/04/85	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-08/09/84	32	3.	3.545	14.	0.25	8.531	2.921	0.385	1.25	4.75	7.
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/85-08/04/85	1	32.	32.	32.	32.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/85-08/04/85	1	1.505	1.505	1.505	1.505	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0081

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0082

NPS Station ID: BLRI0082 LAT/LON: 37.519031/ -79.580281
 Location: MIDDLE CREEK AT BEND ABOVE NEW FORD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: NORTH ATLANTIC Elevation: 0
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201024500.00 RF3 Mile Point: 4.74

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140305
 Within Park Boundary: No

Date Created: 06/05/82

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 MIDDLE CREEK RD. POINT 62-5 RAW DATA AT GLENWOOD DISTRICT OFFICE,TEST FOR SUSPENDED SEDIMENT AND VISUAL WATER QUALITY RATEINGS,THIS POINT
 SAMPLES WATER ENTERING THE FORD CONSTRUCTION PROJECT AREA AND WILL BE COMPARED TO POINT 65-6 FOR CHANGE DUE TO INSTREAM WORK SAMPLING TO STOP
 WHEN FORD IS COMPLETE

Parameter Inventory for Station: BLRI0082

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-06/09/82	14	3.	2.929	6.	1.	1.456	1.207	1.5	2.	3.25	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0083

NPS Station ID: BLRI0083 LAT/LON: 37.518892/ -79.581670
 Location: MIDDLE CREEK AT BEND BELOW NEW OFRD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: NORTH ATLANTIC Elevation: 0
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201024500.00 RF3 Mile Point: 4.74

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140306
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

Date Created: 06/05/82

On/Off RF1:
 On/Off RF3:

Description:
 MIDDLE CREEK RD. POINT 65-6 RAW DATA AT GLENWOOD DISTRICT OFFICE,TEST FOR SUSPENDED SEDIMENT AND VISUAL WATER QUALITY RATEINGS THIS POINT
 SAMPLES WATER LEAVEING THE FORD CONSTRUCTION PROJECT AND WILL BE MATCHED WITH BOATH POINTS 62-5 FOR PROJECT IMPACTS AND POINT 62-4 FOR CHANGES IN
 WATER QUALITY BEING RELEASED DOWN STREAM SAMPLEING TO CONTINUE FOR ONE

Parameter Inventory for Station: BLRI0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/82-08/09/84	33	4.	7.515	103.	0.25	304.922	17.462	0.25	2.	6.	11.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0084

NPS Station ID: BLRI0084
 Location: 34HS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 0301010159800.00
 Description:

LAT/LON: 37.442782/ -79.598059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.84

Agency: 112WRD
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 372634079355201
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.32

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/74-07/19/79	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/74-07/19/79	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/74-07/19/79	2	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/74-07/19/79	2	7.55	7.55	8.2	6.9	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/74-07/19/79	2	7.18	7.18	8.2	6.9	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/74-07/19/79	2	0.066	0.066	0.126	0.006	0.007	0.085	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/74-07/19/79	2	1.05	1.05	2.	0.1	1.805	1.344	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/27/74-07/19/79	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/74-07/19/79	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/27/74-07/19/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/27/74-07/19/79	2	0.22	0.22	0.28	0.16	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/27/74-07/19/79	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/74-07/19/79	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/27/74-07/19/79	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/27/74-07/19/79	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/27/74-07/19/79	2	1.65	1.65	2.2	1.1	0.605	0.778	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/27/74-07/19/79	2	0.5	0.5	0.7	0.3	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/27/74-07/19/79	2	1.35	1.35	1.7	1.	0.245	0.495	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/27/74-07/19/79	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	07/27/74-07/19/79	2	32.	32.	44.	20.	288.	16.971	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/74-07/19/79	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	07/27/74-07/19/79	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/74-07/19/79	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/74-07/19/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/27/74-07/19/79	2	8.2	8.2	8.5	7.9	0.18	0.424	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/27/74-07/27/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/27/74-07/27/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/27/74-07/19/79	2 ##	32.5	32.5	60.	5.	1512.5	38.891	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/27/74-07/27/74	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/27/74-07/19/79	2	28.	28.	34.	22.	72.	8.485	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/74-07/19/79	2	20.	20.	21.	19.	2.	1.414	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/74-07/19/79	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/74-07/19/79	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/27/74-07/19/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0084

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0085

NPS Station ID: BLRI0085
 Location: RT. 680 BRIDGE, NEAR PENICKS MILL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 02080201
 RF3 Index: 03010101001006.83

LAT/LON: 37.381392/ -79.600560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.54

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4ASEE003.16 /VA4A05FX0126/VA4A2X0126
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: SHEEPS CREEK SECTION: 05F TOPO MAP #: 0050 TOPO MAP NAME: PEAKS OF OTTER, VA

Parameter Inventory for Station: BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	83	14.4	14.339	28.	0.5	54.2	7.362	3.12	8.9	21.	23.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	23	57.	55.043	78.	34.	157.407	12.546	38.8	44.	63.	73.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	4	6.	7.125	15.	1.5	32.729	5.721	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	8	55.	61.25	110.	40.	483.929	21.998	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	8	9.75	9.938	12.	7.6	3.014	1.736	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	98	9.35	9.548	14.8	1.	4.691	2.166	7.49	8.35	10.65	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	4	2.65	2.9	5.6	0.7	5.3	2.302	**	**	**	**
00340	COD, 25N K2CR2O7 MG/L	9	9.	9.111	18.	5.	14.111	3.756	5.	6.5	10.	18.
00400	PH (STANDARD UNITS)	105	7.2	7.242	9.	2.2	0.542	0.736	6.7	6.8	7.5	7.94
00400	CONVERTED PH (STANDARD UNITS)	105	7.2	4.221	9.	2.2	9.761	3.124	6.7	6.8	7.5	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	105	0.063	60.177	6309.573	0.001	379139.246	615.743	0.012	0.032	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	3	7.	7.033	7.2	6.9	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	7.	7.016	7.2	6.9	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.1	0.096	0.126	0.063	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	3	18.	18.333	21.	16.	6.333	2.517	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	3	74.	77.333	98.	60.	369.333	19.218	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	3	34.	35.	45.	26.	91.	9.539	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	3	40.	42.333	53.	34.	94.333	9.713	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	3	7.	14.667	31.	6.	200.333	14.154	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	3	4.	7.667	18.	1.	82.333	9.074	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	3	5.	7.	13.	3.	28.	5.292	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	71	##	0.05	0.098	3.199	0.01	0.14	0.374	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	70	##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	44	0.18	0.456	5.899	0.01	0.984	0.992	0.075	0.113	0.35	0.87
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	71	0.2	0.308	4.399	0.05	0.284	0.533	0.06	0.1	0.3	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	26	0.11	0.19	0.7	0.025	0.034	0.184	0.025	0.044	0.303	0.5
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	3.	3.6	7.8	1.7	3.428	1.851	1.7	2.5	4.45	7.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	8	23.	27.375	48.	17.	111.982	10.582	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	13	##	1.5	1.615	2.5	0.5	0.798	0.893	0.5	0.75	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	16	##	5.	4.719	5.	1.266	1.125	3.65	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	25	##	5.	6.2	20.	5.	11.	3.317	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	24	##	5.	7.708	20.	5.	26.042	5.103	5.	5.	20.
01045	IRON, TOTAL (UG/L AS FE)	5	400.	310.	500.	50.	48000.	219.089	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-06/11/79	24	5.	8.917	50.	1.	100.341	10.017	2.5	5.	10.	20.5
01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-06/11/79	5	30.	71.98	160.	20.	4067.602	63.778	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/11/79	13 ##	50.	39.615	50.	5.	389.423	19.734	5.	27.5	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-06/11/79	25	10.	22.4	170.	5.	1166.917	34.16	5.	5.	20.	54.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/70-11/01/70	6	11000.	9516.667	11000.	2100.	13201666.667	3633.41	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	04/19/70-11/01/70	6	4.041	3.922	4.041	3.322	0.086	0.294	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/70-11/01/70	6	4.041	8347.001	4.041	3.322	0.086	0.294	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/15/95	97	400.	2102.062	80000.	50.	68125829.038	8253.837	50.	50.	1300.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/15/95	97	2.602	2.562	4.903	1.699	0.613	0.783	1.699	1.699	3.113	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/15/95	97	2.602	365.022	4.903	1.699	0.613	0.783	1.699	1.699	3.113	3.778
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	71 ##	0.05	0.074	0.8	0.025	0.01	0.098	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	70 ##	0.03	0.033	0.14	0.005	0.001	0.025	0.005	0.01	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/13/70-06/11/79	25 ##	0.25	0.238	0.25	0.15	0.001	0.033	0.15	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0085

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00			3	0	0.00		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	2	0.02	27	0	0.00	41	0	0.00	30	2	0.07	
00400	PH	Other-Hi Lim.	9.	105	1	0.01	28	0	0.00	45	0	0.00	32	1	0.03	
		Other-Lo Lim.	6.5	105	2	0.02	28	1	0.04	45	1	0.02	32	0	0.00	
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	2	0	0.00	
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	2	0	0.00	
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	70	0	0.00	19	0	0.00	28	0	0.00	23	0	0.00	
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	44	0	0.00	14	0	0.00	17	0	0.00	13	0	0.00	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	5	0	0.00	11	0	0.00	10	0	0.00	
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00	
		Drinking Water	50.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00	
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00							
		Drinking Water	5.	1 &	0	0.00	1	0	0.00							
01034	CHROMIUM, TOTAL	Drinking Water	100.	25	0	0.00	4	0	0.00	12	0	0.00	9	0	0.00	
01042	COPPER, TOTAL	Fresh Acute	18.	24	3	0.13	3	0	0.00	12	1	0.08	9	2	0.22	
		Drinking Water	1300.	24	0	0.00	3	0	0.00	12	0	0.00	9	0	0.00	
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	4	0	0.00	12	0	0.00	8	0	0.00	
		Drinking Water	15.	24	3	0.13	4	1	0.25	12	1	0.08	8	1	0.13	
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	1	0	0.00	7	0	0.00	5	0	0.00	
		Drinking Water	100.	13	0	0.00	1	0	0.00	7	0	0.00	5	0	0.00	
01092	ZINC, TOTAL	Fresh Acute	120.	25	1	0.04	4	1	0.25	12	0	0.00	9	0	0.00	
		Drinking Water	5000.	25	0	0.00	4	0	0.00	12	0	0.00	9	0	0.00	
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00	
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	97	59	0.61	26	20	0.77	42	20	0.48	29	19	0.66	
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00	
71900	MERCURY, TOTAL	Fresh Acute	2.4	25	0	0.00	5	0	0.00	12	0	0.00	8	0	0.00	
		Drinking Water	2.	25	0	0.00	5	0	0.00	12	0	0.00	8	0	0.00	

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	8	18.3	16.8	26.7	3.9	65.189	8.074	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	8	10.	10.475	13.	8.6	2.834	1.683	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	8	7.55	7.538	8.6	6.7	0.56	0.748	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	8	7.547	7.129	8.6	6.7	0.751	0.866	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	8	0.028	0.074	0.2	0.003	0.007	0.083	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	3	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	3###	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	3	0.1	0.267	0.6	0.1	0.083	0.289	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			300.								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	3###	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	3	0.03	0.027	0.04	0.01	0.	0.015	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	11	17.8	14.136	23.3	2.2	63.435	7.965	2.64	6.7	22.2	23.08
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	11	9.4	10.191	13.2	7.8	2.841	1.685	7.96	9.	12.	12.96
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	11	7.	7.236	9.	6.7	0.397	0.63	6.72	7.	7.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	11	7.	7.044	9.	6.7	0.437	0.661	6.72	7.	7.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	11	0.1	0.09	0.2	0.001	0.003	0.056	0.007	0.04	0.1	0.191
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	11	500.	8286.364	80000.	50.	567372545.455	23819.583	50.	50.	2400.	64840.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	11	2.699	2.842	4.903	1.699	0.945	0.972	1.699	1.699	3.38	4.647
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			695.386								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	11	13.3	13.927	24.4	0.6	59.66	7.724	0.92	12.2	21.1	24.4
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	11	9.2	9.836	14.8	7.6	5.007	2.238	7.68	8.2	10.4	14.44
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	10	7.	6.84	8.5	2.2	3.043	1.744	2.65	6.85	7.725	8.49
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	10	7.	3.2	8.5	2.2	17.765	4.215	2.65	6.85	7.725	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	10	0.1	631.03	6309.573	0.003	3980969.736	1995.237	0.003	0.025	0.144	5678.636
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	10	500.	1600.	6000.	50.	5637222.222	2374.284	50.	87.5	2775.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	10	2.661	2.676	3.778	1.699	0.599	0.774	1.699	1.925	3.367	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			474.48								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	12	16.4	14.575	26.1	3.3	57.757	7.6	3.48	6.55	20.825	24.6
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	12	10.	9.525	13.6	1.	9.917	3.149	2.95	8.65	11.125	13.24
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	7.092	7.6	6.7	0.072	0.268	6.73	6.925	7.275	7.57
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	7.025	7.6	6.7	0.077	0.277	6.73	6.925	7.275	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	12	0.1	0.094	0.2	0.025	0.003	0.051	0.027	0.053	0.119	0.187
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	12 ##	0.05	0.052	0.1	0.02	0.	0.017	0.029	0.05	0.05	0.085
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	12 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	12	0.4	0.421	1.099	0.05	0.1	0.316	0.065	0.125	0.65	1.009
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12 ##	50.	1220.833	6000.	50.	5162026.515	2272.009	50.	50.	1275.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12 ##	1.699	2.309	3.778	1.699	0.718	0.847	1.699	1.699	3.077	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			203.562								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	12 ##	0.05	0.113	0.8	0.05	0.047	0.217	0.05	0.05	0.05	0.575
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	12 ##	0.05	0.053	0.1	0.01	0.001	0.025	0.016	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	9	14.4	15.356	22.2	6.1	41.203	6.419	6.1	9.15	21.65	22.2
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	12	10.	10.183	13.	8.	3.196	1.788	8.	8.25	12.	12.76
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	7.058	7.7	6.7	0.126	0.355	6.7	6.725	7.45	7.64
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	6.949	7.7	6.7	0.139	0.373	6.7	6.725	7.45	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	12	0.1	0.112	0.2	0.02	0.005	0.069	0.023	0.036	0.189	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	12 ##	0.05	0.317	3.199	0.05	0.824	0.908	0.05	0.05	0.05	2.269
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	12	0.15	0.542	4.399	0.05	1.494	1.222	0.05	0.1	0.3	3.229
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12	350.	1500.	6000.	50.	5055909.091	2248.535	50.	100.	2475.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12	2.54	2.645	3.778	1.699	0.561	0.749	1.699	2.	3.379	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			441.219								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	12 ##	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	12	10.3	10.4	14.	8.4	2.851	1.688	8.46	8.85	11.35	13.52
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	7.167	8.8	6.2	0.453	0.673	6.35	6.725	7.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	12	7.	6.851	8.8	6.2	0.562	0.75	6.35	6.725	7.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	12	0.1	0.141	0.631	0.002	0.029	0.169	0.006	0.032	0.189	0.502
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	11	0.1	0.132	0.3	0.05	0.005	0.072	0.06	0.1	0.2	0.28
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12 ##	50.	645.833	5900.	50.	2790208.333	1670.392	50.	50.	475.	4340.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	12 ##	1.699	2.107	3.771	1.699	0.45	0.671	1.699	1.699	2.584	3.493
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			128.009								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	11 ##	0.05	0.086	0.3	0.05	0.007	0.084	0.05	0.05	0.05	0.28
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	10 ##	0.05	0.036	0.05	0.005	0.	0.019	0.005	0.016	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	8	10.1	10.35	12.4	8.4	1.917	1.385	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	8	7.	7.1	7.8	6.7	0.151	0.389	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	8	6.955	6.977	7.8	6.7	0.169	0.411	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	8	0.111	0.105	0.2	0.016	0.005	0.07	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	8	0.2	0.188	0.4	0.1	0.01	0.099	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	8	800.	643.75	1400.	50.	281741.071	530.793	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	8	2.9	2.505	3.146	1.699	0.452	0.673	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			319.707								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	8	0.02	0.021	0.04	0.005	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	9	16.	14.833	28.	0.5	81.375	9.021	0.5	7.5	21.5	28.
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	9	7.7	7.389	9.4	1.	6.351	2.52	1.	7.4	9.	9.4
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	9	7.8	7.911	8.8	7.2	0.341	0.584	7.2	7.35	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	9	7.8	7.629	8.8	7.2	0.431	0.656	7.2	7.35	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	9	0.016	0.024	0.063	0.002	0.001	0.024	0.002	0.003	0.047	0.063
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	9	0.2	0.194	0.4	0.05	0.014	0.118	0.05	0.1	0.3	0.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	9	300.	916.667	6000.	50.	3691875.	1921.425	50.	50.	600.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	9	2.477	2.399	3.778	1.699	0.49	0.7	1.699	1.699	2.772	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			250.882								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	9	16.	14.144	26.	2.3	61.713	7.856	2.3	7.	20.5	26.
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	9	8.2	8.067	9.2	6.6	0.85	0.922	6.6	7.2	8.9	9.2
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	9	7.5	7.444	7.8	6.8	0.13	0.361	6.8	7.2	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	9	7.5	7.304	7.8	6.8	0.152	0.39	6.8	7.2	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	9	0.032	0.05	0.158	0.016	0.002	0.046	0.016	0.016	0.063	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	9	0.3	0.35	0.8	0.05	0.051	0.226	0.05	0.2	0.5	0.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	9	500.	538.889	1100.	50.	175486.111	418.911	50.	50.	950.	1100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	9	2.699	2.482	3.041	1.699	0.359	0.599	1.699	1.699	2.977	3.041
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			303.202								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	9 ##	0.05	0.067	0.2	0.05	0.003	0.05	0.05	0.05	0.05	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	9	0.02	0.015	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	6	11.	10.333	18.	3.	40.267	6.346	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	6	8.	8.067	9.4	7.	0.843	0.918	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	6	7.1	7.033	7.2	6.8	0.039	0.197	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	6	7.089	6.995	7.2	6.8	0.04	0.201	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	6	0.082	0.101	0.158	0.063	0.002	0.047	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	6###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	6###	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	6	0.25	0.242	0.5	0.05	0.026	0.163	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	5	200.	780.	2700.	50.	1275750.	1129.491	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	5	2.301	2.417	3.431	1.699	0.591	0.768	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			261.165								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	6###	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	6	0.02	0.022	0.03	0.02	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	2	15.85	15.85	22.4	9.3	85.805	9.263	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	2	7.3	7.3	7.4	7.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	2	7.289	7.289	7.4	7.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	2	0.051	0.051	0.063	0.04	0.	0.016	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	2	3600.	3600.	6700.	500.	19220000.	4384.062	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	2	3.263	3.263	3.826	2.699	0.635	0.797	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1830.301								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	4	13.25	13.925	21.	8.2	40.529	6.366	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	4	7.57	7.635	7.9	7.5	0.033	0.181	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	4	7.569	7.61	7.9	7.5	0.034	0.184	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	4	0.027	0.025	0.032	0.013	0.	0.008	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	4	2900.	2675.	4600.	300.	4649166.667	2156.193	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	4	3.395	3.232	3.663	2.477	0.311	0.557	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1707.517								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	2	11.85	11.85	17.4	6.3	61.605	7.849	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	2	7.005	7.005	7.29	6.72	0.162	0.403	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	2	6.918	6.918	7.29	6.72	0.178	0.422	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	2	0.121	0.121	0.191	0.051	0.01	0.098	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	2	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	2	3.903	3.903	3.903	3.903	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	22	21.1	19.905	28.	2.	43.374	6.586	5.51	19.	22.9	26.52
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	27	8.6	8.722	10.6	7.4	0.707	0.841	7.66	8.	9.2	10.12
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	28	7.5	7.334	8.5	2.2	1.206	1.098	6.98	7.2	7.8	8.5
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	28	7.5	3.647	8.5	2.2	15.299	3.911	6.98	7.2	7.8	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	28	0.032	225.385	6309.573	0.003	1421791.272	1192.389	0.003	0.016	0.063	0.106
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	19###	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	19###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/07/76	14	0.15	0.186	0.44	0.07	0.011	0.104	0.075	0.115	0.248	0.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	19	0.2	0.271	0.5	0.05	0.02	0.141	0.1	0.2	0.4	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-06/11/79	4###	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-06/11/79	3###	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-06/11/79	4	30.	60.	170.	10.	5533.333	74.386	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	26	600.	1511.538	6700.	50.	4366261.538	2089.56	50.	250.	1725.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	26	2.778	2.752	3.826	1.699	0.453	0.673	1.699	2.358	3.227	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			564.783								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	19###	0.05	0.074	0.3	0.05	0.004	0.065	0.05	0.05	0.05	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	19###	0.03	0.037	0.1	0.005	0.001	0.029	0.005	0.005	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	34	8.	8.012	18.9	0.5	21.36	4.622	2.2	3.9	12.05	13.85
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	41	10.8	10.963	14.8	6.6	3.436	1.854	8.84	9.4	12.4	13.16
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	45	7.	7.08	8.5	6.2	0.168	0.41	6.7	6.8	7.245	7.64
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	45	7.	6.93	8.5	6.2	0.191	0.437	6.7	6.8	7.245	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	45	0.1	0.117	0.631	0.003	0.01	0.101	0.023	0.057	0.158	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	29###	0.05	0.056	0.2	0.02	0.001	0.03	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	28###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/07/76	17	0.31	0.555	3.389	0.01	0.649	0.806	0.05	0.095	0.7	1.637
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	29	0.1	0.215	1.099	0.05	0.055	0.235	0.05	0.1	0.2	0.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-06/11/79	12###	5.	7.083	20.	5.	20.265	4.502	5.	5.	8.75	17.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-06/11/79	12###	5.	7.083	20.	5.	20.265	4.502	5.	5.	8.75	17.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-06/11/79	12###	7.5	15.	50.	5.	195.455	13.981	5.	5.	20.	44.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	42	100.	685.714	8000.	50.	2354181.185	1534.334	50.	50.	500.	1610.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	42	2.	2.275	3.903	1.699	0.431	0.656	1.699	1.699	2.699	3.205
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			188.175								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	29###	0.05	0.085	0.8	0.025	0.02	0.141	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	28###	0.02	0.033	0.14	0.005	0.001	0.028	0.005	0.013	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-05/15/95	27	17.6	17.77	26.	10.	18.008	4.244	11.82	14.4	21.1	23.3
00300	OXYGEN, DISSOLVED MG/L	03/16/70-06/11/79	30	8.8	8.357	11.2	1.	5.383	2.32	6.82	7.55	10.	10.38
00400	PH (STANDARD UNITS)	03/16/70-05/15/95	32	7.1	7.391	9.	6.7	0.46	0.678	6.744	6.925	7.775	8.74
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-05/15/95	32	7.089	7.098	9.	6.7	0.549	0.741	6.744	6.925	7.775	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-05/15/95	32	0.082	0.08	0.2	0.001	0.004	0.064	0.002	0.017	0.119	0.181
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-06/11/79	23###	0.05	0.188	3.199	0.01	0.431	0.657	0.032	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-06/11/79	23###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/07/76	13	0.16	0.619	5.899	0.08	2.523	1.588	0.088	0.115	0.27	3.683
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-06/11/79	23	0.3	0.454	4.399	0.05	0.784	0.885	0.05	0.1	0.4	0.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-06/11/79	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-06/11/79	9 ##	5.	9.444	20.	5.	40.278	6.346	5.	5.	15.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-06/11/79	9	10.	15.556	60.	5.	315.278	17.756	5.	5.	20.	60.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	29	1000.	4682.759	80000.	50.	215997906.404	14696.867	50.	50.	5200.	6000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-05/15/95	29	3.	2.809	4.903	1.699	0.846	0.92	1.699	1.699	3.711	3.778
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			644.347								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/11/79	23 ##	0.05	0.059	0.2	0.025	0.001	0.035	0.035	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-06/11/79	23	0.03	0.031	0.05	0.005	0.	0.017	0.007	0.02	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0086

NPS Station ID: BLRI0086
 Location: PEAKS OF OTTER LAKE CENTER (BEDFORD CO)
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 05050001002205.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: LITTLE STONE CREEK SECTION: 05F TOPO MAP #: 0050 TOPO MAP NAME: PEAKS OF OTTER, VA
 LAKE STATION

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4ALSA004.32
 Within Park Boundary: Yes

Date Created: 06/26/93

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.48

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0086

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-07/12/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/12/78-07/12/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/78-07/12/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/78-07/12/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/78-07/12/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/78-07/12/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/78-07/12/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/12/78-07/12/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-07/12/78	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/78-07/12/78	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-07/12/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-07/12/78	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-07/12/78	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/78-07/12/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0086

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
00400 PH	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0086

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
			Obs	Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00										
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0087

NPS Station ID: BLRI0087
 Location: 34HS 2
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 0301010152904.10
 Description:

LAT/LON: 37.447504/ -79.617781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.10

Agency: 112WRD
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 372651079370401
 Within Park Boundary: Yes

Date Created: 07/21/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/74-07/19/79	2	12.	12.	13.	11.	2.	1.414	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/27/74-07/19/79	2	4.	4.	5.	3.	2.	1.414	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/74-07/19/79	2	46.	46.	61.	31.	450.	21.213	**	**	**
00400	PH (STANDARD UNITS)	09/27/74-07/19/79	2	6.15	6.15	6.5	5.8	0.245	0.495	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/74-07/19/79	2	6.022	6.022	6.5	5.8	0.278	0.527	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/74-07/19/79	2	0.951	0.951	1.585	0.316	0.805	0.897	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/27/74-07/19/79	2	29.	29.	41.	17.	288.	16.971	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	2	20.5	20.5	28.	13.	112.5	10.607	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/27/74-07/19/79	2	25.	25.	34.	16.	162.	12.728	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/27/74-07/19/79	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/27/74-07/19/79	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/74-07/19/79	2	0.31	0.31	0.37	0.25	0.007	0.085	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/74-07/19/79	2	0.1	0.1	0.12	0.08	0.001	0.028	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/27/74-07/19/79	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/27/74-07/19/79	2	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/27/74-07/19/79	2	3.15	3.15	3.9	2.4	1.125	1.061	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/27/74-07/19/79	2	1.2	1.2	1.8	0.6	0.72	0.849	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/27/74-07/19/79	2	3.9	3.9	4.5	3.3	0.72	0.849	**	**	**
00931	SODIUM ADSORPTION RATIO	09/27/74-07/19/79	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00932	SODIUM, PERCENT	09/27/74-07/19/79	2	39.5	39.5	44.	35.	40.5	6.364	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/19/79-07/19/79	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/74-07/19/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/27/74-07/19/79	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/74-07/19/79	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/74-07/19/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/27/74-07/19/79	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/27/74-09/27/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/27/74-09/27/74	1	4.	4.	4.	4.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/27/74-07/19/79	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/27/74-09/27/74	1	85.	85.	85.	85.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/27/74-07/19/79	2	55.5	55.5	61.	50.	60.5	7.778	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/27/74-07/19/79	2	47.5	47.5	55.	40.	112.5	10.607	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/27/74-07/19/79	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/74-07/19/79	2	0.12	0.12	0.2	0.04	0.013	0.113	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/27/74-07/19/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0087

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0088

NPS Station ID: BLRI0088 LAT/LON: 37.500005/ -79.633337
 Location: ON YELLOWSTONE BR. BELOW YELLOWSTONE ROAD 62-01
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: NORTH ATLANTIC Elevation: 0
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201035700.00 RF3 Mile Point: 0.00

Agency: 1118ATL8
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 140303 /0208020162A /01006
 Within Park Boundary: No

Date Created: 03/22/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 5.10
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 100FT. BELOW CROSSING OF YELLOWSTONE BR BY FS ROAD 635 SAMPLE RESULTS ARE TO BE COMPAIRED AGAINST VA. STATE WATER
 QUALITY STANDARDS FOR PUT AND TAKE TROUT WATERS.PH BETWEEN 6.0 AND 8.5, TEMP. BELOW 70 F, TURBIDITY LESS THAN 10 JTU, CONDUCTIVITY LESS THAN 35
 VISUAL CHECK OF STREAM BED WILL BE USED TO IDENTIFY CHANGES THAT HAVE

Parameter Inventory for Station: BLRI0088

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/11/80-02/19/81	3	45.	51.	66.	42.	171.	13.077	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/11/80-07/11/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/80-02/19/81	3	38.	31.	53.	2.	687.	26.211	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/11/80-02/19/81	3	10.	10.	12.	8.	4.	2.	**	**	**	**
00400 PH (STANDARD UNITS)	03/11/80-02/19/81	3	6.5	6.667	7.	6.5	0.083	0.289	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/11/80-02/19/81	3	6.5	6.612	7.	6.5	0.088	0.296	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/80-02/19/81	3	0.316	0.244	0.316	0.1	0.016	0.125	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00400 PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	3	2	0.67	1	0	0.00	2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0089

NPS Station ID: BLRI0089
 Location: BR US RT 11 AT BUCHANON,VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0216007
 RMI-Miles: 0301.20
 HUC: 02080201
 Major Basin: NORTH ATLANTIC
 Minor Basin: JAMES RIVER
 RF1 Index: 02080201003
 RF3 Index: 02080201016100.00

LAT/LON: 37.530560/ -79.676393

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 14.040
 RF3 Mile Point: 0.00

Agency: 1113REG3
 FIPS State/County: 51027 VIRGINIA/BUCHANAN
 STORET Station ID(s): JAMES RIVER4 /02019500 /JMS301.2
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Description:
 THIS SET IS PART OF A STUDY REQUESTED BY THE AIR AND WATER PROGRAMS DIVISION TO INVESTIGATE AND EVALUATE THE EXISTING WATER QUALITY OF PORTIONS OF THE JAMES RIVER BASIN.

Parameter Inventory for Station: BLRI0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/73-09/20/73	3	19.5	14.168	23.	0.003	153.541	12.391	**	**	**
00015	THERMAL DISCHARGE MILLIONS OF BTUS PER HOUR	09/18/73-09/20/73	2	460.	460.	470.	450.	200.	14.142	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/73-09/20/73	3	8.	5.6	8.	0.8	17.28	4.157	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/22/73-09/20/73	3	4.5	10.9	26.	2.2	172.33	13.127	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/73-09/20/73	3	75.	51.668	80.	0.005	2008.075	44.812	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/22/73-09/20/73	3	7.3	5.05	7.8	0.05	18.813	4.337	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/18/73-09/20/73	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/22/73-09/20/73	3	1.5	1.633	2.	1.4	0.103	0.321	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	05/22/73-05/22/73	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	05/22/73-05/22/73	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	05/22/73-09/18/73	2	3.4	3.4	4.7	2.1	3.38	1.838	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/22/73-09/20/73	3	19.	18.667	27.	10.	72.333	8.505	**	**	**
00362	BOD, 40 DAY, 20 DEG C MG/L	09/18/73-09/20/73	2	3.45	3.45	4.2	2.7	1.125	1.061	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/22/73-09/20/73	3	7.9	7.9	8.	7.8	0.01	0.1	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/22/73-09/20/73	3	7.9	7.892	8.	7.8	0.01	0.1	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/73-09/20/73	3	0.013	0.013	0.016	0.01	0.	0.003	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/22/73-09/20/73	3	108.	100.333	110.	83.	226.333	15.044	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/22/73-09/20/73	3	3.	2.667	3.	2.	0.333	0.577	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/18/73-09/20/73	2	302.5	302.5	326.	279.	1104.5	33.234	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/18/73-09/20/73	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/73-09/20/73	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-09/20/73	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-09/20/73	2	0.045	0.045	0.068	0.022	0.001	0.033	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-09/20/73	2	0.638	0.638	0.644	0.632	0.	0.008	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-09/20/73	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-09/20/73	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**
00678	PHOSPHORUS, HYDROLYZABLE + ORTHO, TOT, AUTOANALYZER	09/18/73-09/20/73	2	0.065	0.065	0.09	0.04	0.001	0.035	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/73-09/20/73	3	7.9	9.067	15.	4.3	29.643	5.445	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CaCO3)	05/22/73-09/20/73	3	136.	146.667	178.	126.	761.333	27.592	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	09/18/73-09/20/73	2	40.	40.	42.	38.	8.	2.828	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	09/18/73-09/20/73	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/22/73-09/20/73	3	38.	28.	45.	1.	559.	23.643	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/73-09/20/73	3	5.	7.333	12.	5.	16.333	4.041	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/18/73-09/20/73	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/18/73-09/20/73	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/18/73-09/20/73	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/18/73-09/20/73	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/18/73-09/20/73	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/18/73-09/20/73	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/22/73-09/20/73	3	5.	802.667	2400.	3.	1913606.333	1383.332	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/22/73-09/20/73	3	0.699	1.519	3.38	0.477	2.611	1.616	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)				33.019							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/73-09/18/73	2	34100.	34100.	68000.	200.	2298420000.	47941.84	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/73-09/18/73	2	3.567	3.567	4.833	2.301	3.204	1.79	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				3687.818							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/73-09/18/73	1	900.	900.	900.	900.	0.	0.	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/73-09/18/73	1	2.954	2.954	2.954	2.954	0.	0.	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				900.							
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/18/73-09/20/73	2	1.345	1.345	2.31	0.38	1.862	1.365	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/18/73-09/20/73	2	1.786	1.786	3.57	0.001	6.369	2.524	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/18/73-09/20/73	2	0.58	0.58	1.03	0.13	0.405	0.636	**	**	**
32215	CHLOROPHYLL-C UG/L SPECTROPHOTOMETRIC 430MU METH.	09/18/73-09/20/73	2	1.495	1.495	2.48	0.51	1.94	1.393	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	09/18/73-09/20/73	2	1.35	1.35	1.8	0.9	0.405	0.636	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/73-09/20/73	2	275.	275.	304.	246.	1682.	41.012	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/20/73	2	1.4	1.4	1.6	1.2	0.08	0.283	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0089

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	3	1	0.33	2	0	0.00				1	1	1.00			
00403	PH, LAB	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	3	0	0.00	2	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	18.	2	0	0.00	2	0	0.00									
		1300.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	1400.	2	0	0.00	2	0	0.00									
		100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	120.	2	0	0.00	2	0	0.00									
		5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	3	1	0.33	2	0	0.00				1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	2	2	1.00	1	1	1.00				1	1	1.00			
71900	MERCURY, TOTAL	2.4	2	0	0.00	2	0	0.00									
		2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0090

NPS Station ID: BLRI0090
 Location: RT. 11 BRIDGE AT BUCHANAN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin: 02-NORTH ATLANTIC
 Minor Basin: 2-JAMES
 RF1 Index: 02080201003
 RF3 Index: 02080201004200.47

LAT/LON: 37.530004/ -79.677782

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 14.140
 RF3 Mile Point: 0.47

Agency: 21VASWCB
 FIPS State/County: 51027 VIRGINIA/BUCHANAN
 STORET Station ID(s): 2-JMS309.13 /VA2-12-X0157/VA2-2X0157
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2 JAMES REGION: 2 WEST CENTRAL
 RIVER: JAMES RIVER SECTION: 12 TOPO MAP #: 0041 TOPO MAP NAME: BUCHANAN, VA

Parameter Inventory for Station: BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	114	15.6	15.138	32.2	0.	64.154	8.01	2.8	8.9	22.2	25.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	3	5.	35.667	100.	2.	3106.333	55.734	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1	348.	348.	348.	348.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	114	9.	9.177	16.	0.	5.415	2.327	6.55	7.6	11.	11.85
00310	BOD, 5 DAY, 20 DEG C MG/L	57	2.	2.912	50.	0.5	41.447	6.438	1.	1.1	2.95	3.1
00400	PH (STANDARD UNITS)	110	8.	8.01	9.2	6.8	0.308	0.555	7.3	7.675	8.5	8.79
00400	CONVERTED PH (STANDARD UNITS)	110	8.	7.687	9.2	6.8	0.413	0.643	7.3	7.675	8.5	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	110	0.01	0.021	0.158	0.001	0.001	0.028	0.002	0.003	0.021	0.05
00403	PH, LAB, STANDARD UNITS SU	12	7.7	7.633	8.5	6.9	0.144	0.38	7.02	7.425	7.8	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.7	7.489	8.5	6.9	0.167	0.409	7.02	7.425	7.8	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.02	0.032	0.126	0.003	0.001	0.032	0.007	0.016	0.038	0.103
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	87.5	83.333	115.	56.	432.606	20.799	56.9	60.5	101.	113.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10	194.	216.6	481.	21.	15736.933	125.447	29.6	150.5	285.75	465.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11	63.	61.364	82.	19.	313.655	17.71	24.4	57.	77.	81.6
00510	RESIDUE, TOTAL FIXED (MG/L)	9	128.	148.	239.	47.	4019.	63.396	47.	113.	218.	239.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	55	4.	12.936	210.	0.	957.232	30.939	0.5	2.	11.	28.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	57	2.	4.342	20.	0.	22.644	4.759	0.5	1.	6.	12.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	55	1.	9.018	194.	0.	805.852	28.388	0.	0.5	4.	18.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	76 ##	0.05	0.06	0.2	0.005	0.001	0.031	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	77 ##	0.005	0.012	0.29	0.005	0.001	0.034	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	48	0.265	0.352	1.899	0.08	0.107	0.327	0.119	0.183	0.368	0.542
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	75	0.3	0.341	3.	0.05	0.122	0.349	0.1	0.2	0.4	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	29	0.23	0.25	1.	0.025	0.035	0.186	0.08	0.13	0.335	0.39
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	47	8.	7.553	17.	3.	8.687	2.947	4.	5.	9.	11.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	2	19.	19.	22.	16.	18.	4.243	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	2	23.5	23.5	26.	21.	12.5	3.536	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12 ##	1.25	1.542	2.5	0.5	0.794	0.891	0.5	0.625	2.5	2.5
01027	CADMIUM, TOTAL (UG/L AS CD)	17 ##	5.	5.618	20.	0.5	14.923	3.863	4.1	5.	5.	8.
01034	CHROMIUM, TOTAL (UG/L AS CR)	26 ##	5.	6.346	20.	5.	11.115	3.334	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	26 ##	5.	10.192	30.	5.	76.962	8.773	5.	5.	12.5	30.
01045	IRON, TOTAL (UG/L AS FE)	4	185.	170.	200.	110.	1800.	42.426	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01051	LEAD, TOTAL (UG/L AS PB)	11/24/70-06/07/79	24	5.	8.854	40.	1.	98.771	9.938	1.75	5.	10.	28.5
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/70-06/07/79	5	40.	42.	80.	20.	520.	22.804	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/01/73-06/07/79	14 ##	50.	43.571	50.	5.	267.033	16.341	5.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-06/07/79	25	20.	125.56	2299.	5.	207063.257	455.042	5.	7.5	40.	154.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/25/67-11/24/70	19	2300.	5136.474	43000.	93.	96110542.93	9803.598	230.	930.	4300.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	09/25/67-11/24/70	19	3.362	3.277	4.633	1.968	0.394	0.628	2.362	2.968	3.633	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/25/67-11/24/70	19	3.362	3.277	4.633	1.968	0.394	0.628	2.362	2.968	3.633	4.041
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-06/07/79	93 ##	50.	383.333	8000.	50.	917789.855	958.013	50.	50.	250.	1080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-06/07/79	93 ##	1.699	2.099	3.903	1.699	0.303	0.55	1.699	1.699	2.389	3.029
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-06/07/79	93 ##	1.699	2.099	3.903	1.699	0.303	0.55	1.699	1.699	2.389	3.029
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/11/74-03/11/74	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/09/71-05/09/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	76 ##	0.05	0.12	0.6	0.025	0.016	0.128	0.05	0.05	0.1	0.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	76	0.05	0.113	0.7	0.005	0.023	0.152	0.01	0.04	0.115	0.325
71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-06/07/79	25 ##	0.25	0.238	0.25	0.15	0.001	0.033	0.15	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0090

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	1	0.33						3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	114	2	0.02	34	1	0.03	47	1	0.02	33	0	0.00		
00400	PH	Other-Hi Lim.	9.	110	4	0.04	33	3	0.09	45	1	0.02	32	0	0.00		
		Other-Lo Lim.	6.5	110	0	0.00	33	0	0.00	45	0	0.00	32	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00		
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	77	0	0.00	20	0	0.00	33	0	0.00	24	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	48	0	0.00	13	0	0.00	20	0	0.00	15	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	29	0	0.00	7	0	0.00	13	0	0.00	9	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	12	0	0.00	1	0	0.00	5	0	0.00	6	0	0.00		
		Drinking Water	50.	12	0	0.00	1	0	0.00	5	0	0.00	6	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2 &	1	0.50	1	0	0.00	1	0	0.00	1	1	1.00		
		Drinking Water	5.	2 &	1	0.50	1	0	0.00	1	0	0.00	1	1	1.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	26	0	0.00	4	0	0.00	12	0	0.00	10	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	26	6	0.23	4	1	0.25	12	2	0.17	10	3	0.30		
		Drinking Water	1300.	26	0	0.00	4	0	0.00	12	0	0.00	10	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	4	0	0.00	12	0	0.00	8	0	0.00		
		Drinking Water	15.	24	3	0.13	4	1	0.25	12	2	0.17	8	0	0.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	14	0	0.00	1	0	0.00	7	0	0.00	6	0	0.00		
		Drinking Water	100.	14	0	0.00	1	0	0.00	7	0	0.00	6	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	25	4	0.16	4	1	0.25	11	2	0.18	10	1	0.10		
		Drinking Water	5000.	25	0	0.00	4	0	0.00	11	0	0.00	10	0	0.00		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	19	12	0.63	9	8	0.89	4	1	0.25	6	3	0.50		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	93	30	0.32	24	8	0.33	41	13	0.32	28	9	0.32		
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00	1	0	0.00		
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	0.2	1	0	0.00				1	0	0.00	1	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	25	0	0.00	4	0	0.00	12	0	0.00	9	0	0.00		
		Drinking Water	2.	25	0	0.00	4	0	0.00	12	0	0.00	9	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	7	22.2	19.929	32.2	1.7	93.506	9.67	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	7	7.1	7.6	9.5	6.	1.65	1.285	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	3	2.6	2.533	3.5	1.5	1.003	1.002	**	**	**	**
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	6	8.25	8.333	8.9	8.	0.151	0.388	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	6	8.182	8.211	8.9	8.	0.169	0.411	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	6	0.007	0.006	0.01	0.001	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	4	19.75	16.4	26.1	0.	128.98	11.357	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	4	8.9	8.425	9.2	6.7	1.349	1.162	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	4	1.35	1.7	2.9	1.2	0.66	0.812	**	**	**	**
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	4	8.25	8.4	9.2	7.9	0.353	0.594	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	4	8.182	8.181	9.2	7.9	0.417	0.646	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	4	0.007	0.007	0.013	0.001	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	9	16.7	14.933	23.3	2.2	59.865	7.737	2.2	7.5	22.75	23.3
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	8	8.75	9.625	13.	7.6	4.625	2.151	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	3	0.9	1.033	1.4	0.8	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	9	8.	8.	8.5	7.	0.26	0.51	7.	7.65	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	9	8.	7.691	8.5	7.	0.367	0.606	7.	7.65	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	9	0.01	0.02	0.1	0.003	0.001	0.031	0.003	0.003	0.024	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	3	0.03	0.033	0.05	0.02	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	3	0.1	0.143	0.24	0.09	0.007	0.084	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				200.								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	3	0.05	0.042	0.05	0.025	0.	0.014	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	3	0.04	0.03	0.04	0.01	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	10	16.7	14.62	25.6	1.1	63.017	7.938	1.43	8.6	20.15	25.43
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	10	10.5	10.16	12.	7.6	2.176	1.475	7.72	8.95	11.45	11.96
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	10	8.5	8.13	8.8	6.8	0.467	0.683	6.86	7.55	8.7	8.79
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	10	8.5	7.595	8.8	6.8	0.785	0.886	6.86	7.55	8.7	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	10	0.003	0.025	0.158	0.002	0.002	0.048	0.002	0.002	0.029	0.147
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	10	500.	1370.	8000.	50.	5812888.889	2410.993	50.	162.5	1550.	7400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	10	2.699	2.677	3.903	1.699	0.471	0.686	1.699	2.151	3.185	3.843
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			475.267								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	13	18.9	16.377	25.6	5.	43.272	6.578	5.68	11.4	21.4	24.92
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	13	10.	9.769	12.	7.6	1.619	1.272	7.92	8.4	10.4	11.76
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	12	7.8	7.775	8.9	6.8	0.338	0.582	6.86	7.5	8.	8.78
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	12	7.8	7.456	8.9	6.8	0.449	0.67	6.86	7.5	8.	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	12	0.016	0.035	0.158	0.001	0.002	0.047	0.002	0.01	0.032	0.141
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	2	0.19	0.19	0.25	0.13	0.007	0.085	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	12 ##	50.	58.333	100.	50.	378.788	19.462	50.	50.	50.	100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	12 ##	1.699	1.749	2.	1.699	0.014	0.117	1.699	1.699	1.699	2.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			56.123								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	11	13.9	15.709	26.7	2.2	67.701	8.228	3.32	8.3	24.4	26.48
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	11	10.6	9.2	13.2	0.	12.4	3.521	1.52	7.8	11.2	12.96
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	11	7.7	7.891	8.5	7.3	0.193	0.439	7.3	7.7	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	11	7.7	7.715	8.5	7.3	0.227	0.477	7.3	7.7	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	11	0.02	0.019	0.05	0.003	0.	0.017	0.003	0.005	0.02	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	11 ##	0.05	0.055	0.1	0.005	0.001	0.026	0.014	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	11	0.34	0.382	1.099	0.18	0.063	0.252	0.186	0.25	0.42	0.965
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	11	0.5	0.409	0.7	0.1	0.041	0.202	0.12	0.2	0.6	0.68
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	200.	295.455	900.	50.	107227.273	327.456	50.	50.	400.	900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	2.301	2.201	2.954	1.699	0.274	0.523	1.699	1.699	2.602	2.954
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			158.805								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	11 ##	0.05	0.051	0.1	0.01	0.	0.02	0.018	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	12	15.	16.758	25.6	8.9	41.934	6.476	8.9	10.	22.2	25.6
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	12	8.9	9.267	11.6	7.4	1.981	1.407	7.58	8.	10.7	11.48
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	12	7.75	7.8	8.8	7.2	0.225	0.475	7.2	7.35	8.15	8.62
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	12	7.747	7.605	8.8	7.2	0.267	0.517	7.2	7.35	8.15	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	12	0.018	0.025	0.063	0.002	0.	0.022	0.003	0.007	0.045	0.063
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	12###	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	12###	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	12	0.235	0.319	1.199	0.14	0.081	0.284	0.152	0.183	0.32	0.941
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	12	0.35	0.317	0.5	0.1	0.014	0.119	0.13	0.2	0.4	0.47
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	12###	50.	112.5	500.	50.	16875.	129.904	50.	50.	100.	410.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	12###	1.699	1.908	2.699	1.699	0.101	0.318	1.699	1.699	2.	2.58
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			80.86								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	12###	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	12###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	10	13.05	14.16	25.6	2.2	73.405	8.568	2.31	5.85	23.3	25.37
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	11	9.4	9.309	12.2	6.2	5.003	2.237	6.24	7.6	11.6	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	9	2.	1.889	3.	1.	0.611	0.782	1.	1.	2.5	3.
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	10	7.7	7.72	8.5	7.	0.217	0.466	7.02	7.425	8.2	8.47
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	10	7.7	7.52	8.5	7.	0.262	0.512	7.02	7.425	8.2	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	10	0.02	0.03	0.1	0.003	0.001	0.03	0.003	0.006	0.039	0.096
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	10###	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	10###	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	10	0.34	0.448	1.899	0.11	0.272	0.521	0.114	0.158	0.398	1.751
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	10	0.3	0.4	0.4	0.1	0.009	0.094	0.11	0.275	0.4	0.4
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	9	8.	8.333	13.	5.	8.25	2.872	5.	5.5	11.	13.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11###	50.	331.818	2700.	50.	623636.364	789.707	50.	50.	200.	2220.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11###	1.699	2.009	3.431	1.699	0.3	0.548	1.699	1.699	2.301	3.241
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			102.165								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	10	0.15	0.17	0.4	0.05	0.017	0.13	0.05	0.05	0.3	0.39
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	10###	0.085	0.137	0.36	0.05	0.013	0.115	0.05	0.05	0.225	0.354

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	11	15.6	15.191	24.4	4.4	47.303	6.878	4.86	8.9	22.2	24.18
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	11	8.8	9.109	12.2	6.8	3.627	1.904	6.84	7.6	11.	12.04
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	11	2.	6.045	50.	0.5	213.023	14.595	0.6	1.	2.	40.6
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	10	7.8	7.9	8.7	7.2	0.236	0.485	7.21	7.6	8.35	8.68
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	10	7.8	7.688	8.7	7.2	0.285	0.534	7.21	7.6	8.35	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	10	0.016	0.02	0.063	0.002	0.	0.02	0.002	0.005	0.027	0.062
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	11###	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	11###	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	9	0.25	0.355	1.099	0.08	0.092	0.304	0.08	0.18	0.425	1.099
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	11	0.3	0.286	0.6	0.05	0.035	0.187	0.06	0.1	0.4	0.58
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	11	7.	7.909	17.	3.	15.091	3.885	3.4	5.	11.	15.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	100.	322.727	2200.	50.	413681.818	643.181	50.	50.	200.	1880.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	2.	2.083	3.342	1.699	0.287	0.536	1.699	1.699	2.301	3.23

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =									
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	11 ##	0.05	0.182	0.5	0.05	0.036	0.19	0.05	0.05	0.4	0.5
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	11	0.06	0.222	0.7	0.01	0.07	0.264	0.014	0.04	0.4	0.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	8	3.7	9.313	23.	0.4	97.233	9.861	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	8	7.4	8.45	13.4	5.4	7.826	2.797	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	9	2.	2.111	3.	1.	0.361	0.601	1.	2.	2.5	3.
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	8	8.7	8.5	9.	7.5	0.291	0.54	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	8	8.7	8.142	9.	7.5	0.438	0.661	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	8	0.002	0.007	0.032	0.001	0.	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	9 ##	0.05	0.078	0.2	0.05	0.003	0.051	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	9	0.01	0.042	0.29	0.005	0.009	0.093	0.005	0.005	0.025	0.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	8	0.3	0.306	0.6	0.05	0.036	0.19	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	9	8.	7.556	10.	5.	2.528	1.59	5.	6.	8.5	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	9 ##	50.	66.667	100.	50.	625.	25.	50.	50.	100.	100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	9 ##	1.699	1.799	2.	1.699	0.023	0.151	1.699	1.699	2.	2.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				GEOMETRIC MEAN =								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	9	0.1	0.128	0.3	0.05	0.01	0.1	0.05	0.05	0.2	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	9	0.09	0.099	0.31	0.005	0.011	0.106	0.005	0.005	0.175	0.31

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	12	13.	14.592	28.	0.6	81.055	9.003	1.77	8.25	23.	28.
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	12	8.6	9.092	13.8	6.	6.479	2.545	6.12	6.525	11.35	13.08
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	12	2.	2.333	6.	1.	1.879	1.371	1.	1.25	3.	5.1
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	12	8.25	8.258	9.	7.3	0.339	0.582	7.36	7.725	8.775	9.
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	12	8.247	7.923	9.	7.3	0.462	0.679	7.36	7.725	8.775	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	12	0.006	0.012	0.05	0.001	0.	0.015	0.001	0.002	0.019	0.045
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	12 ##	0.05	0.075	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	12 ##	0.005	0.014	0.09	0.005	0.001	0.024	0.005	0.005	0.01	0.069
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	12	0.3	0.517	3.	0.1	0.638	0.799	0.1	0.2	0.525	2.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	12	8.5	7.75	14.	4.	10.205	3.194	4.	4.25	9.75	13.1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	100.	586.364	2300.	50.	591045.455	768.795	50.	50.	1300.	2120.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	11	2.	2.318	3.362	1.699	0.479	0.692	1.699	1.699	3.114	3.319
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				GEOMETRIC MEAN =								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	12 ##	0.075	0.183	0.6	0.05	0.033	0.181	0.05	0.05	0.3	0.54
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	12	0.115	0.198	0.6	0.01	0.04	0.2	0.016	0.043	0.398	0.558

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	6	14.	12.667	22.	3.	66.267	8.14	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	6	9.3	8.833	16.	1.2	25.495	5.049	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	6	2.5	3.	5.	1.	2.8	1.673	**	**	**	**
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	6	7.85	7.867	8.5	7.3	0.203	0.45	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	6	7.825	7.695	8.5	7.3	0.238	0.488	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	6	0.015	0.02	0.05	0.003	0.	0.018	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	6 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	6	0.2	0.233	0.4	0.1	0.011	0.103	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/24/75-06/07/79	6	5.	5.333	8.	3.	2.667	1.633	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	5	100.	440.	1200.	50.	281750.	530.801	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	5	2.	2.276	3.079	1.699	0.445	0.667	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			188.818								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	6	0.025	0.035	0.1	0.01	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	33	23.3	21.327	32.2	1.3	49.027	7.002	8.24	19.45	25.6	27.24
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	34	7.6	7.479	11.4	0.	2.851	1.689	6.45	6.95	8.4	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	15	2.	1.793	3.	1.	0.421	0.649	1.	1.2	2.	3.
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	33	8.5	8.324	9.2	6.8	0.284	0.533	7.5	8.	8.7	8.96
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	33	8.5	7.904	9.2	6.8	0.466	0.682	7.5	8.	8.7	8.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	33	0.003	0.012	0.158	0.001	0.001	0.028	0.001	0.002	0.01	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/18/68-06/07/79	13	4.	10.462	52.	0.	254.728	15.96	0.2	1.25	12.5	46.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-06/07/79	15	3.	4.333	16.	0.	22.488	4.742	0.3	1.	6.	14.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/18/68-06/07/79	13	0.5	7.077	38.	0.	182.869	13.523	0.	0.	7.	37.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	19##	0.05	0.061	0.2	0.05	0.001	0.036	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	20##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	13	0.38	0.431	1.199	0.22	0.057	0.24	0.256	0.33	0.425	0.911
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	19	0.4	0.371	0.7	0.05	0.036	0.19	0.1	0.2	0.5	0.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-06/07/79	4##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-06/07/79	4##	5.	11.25	30.	5.	156.25	12.5	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-06/07/79	4	25.	588.5	2299.	5.	1300465.667	1140.38	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	24	100.	285.417	2300.	50.	232495.471	482.178	50.	50.	375.	750.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	24	2.	2.135	3.362	1.699	0.236	0.485	1.699	1.699	2.571	2.866
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				136.487								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	19	0.1	0.184	0.5	0.05	0.024	0.155	0.05	0.05	0.3	0.5
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	19	0.1	0.186	0.7	0.005	0.045	0.212	0.05	0.05	0.21	0.7
71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-06/07/79	4##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	47	8.9	8.023	17.8	0.	21.299	4.615	1.58	4.4	12.2	13.52
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	47	11.	10.677	16.	1.2	4.669	2.161	8.64	9.8	11.6	13.04
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	22	2.	2.082	3.	0.5	0.558	0.747	0.86	2.	2.925	3.
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	45	7.7	7.784	9.	6.8	0.256	0.506	7.2	7.5	8.	8.64
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	45	7.7	7.547	9.	6.8	0.314	0.56	7.2	7.5	8.	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	45	0.02	0.028	0.158	0.001	0.001	0.031	0.002	0.01	0.032	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/18/68-06/07/79	22	3.5	16.295	210.	0.5	1960.73	44.28	0.5	0.875	12.25	33.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-06/07/79	22	2.	4.841	20.	0.5	32.652	5.714	0.5	0.875	6.5	16.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/18/68-06/07/79	22	0.75	11.864	194.	0.	1688.242	41.088	0.	0.375	2.5	18.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	33##	0.05	0.053	0.1	0.005	0.	0.02	0.038	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	33##	0.005	0.011	0.09	0.005	0.	0.016	0.005	0.005	0.01	0.026
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	20	0.25	0.285	1.099	0.08	0.045	0.211	0.094	0.18	0.328	0.414
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	32	0.2	0.348	3.	0.05	0.254	0.504	0.1	0.2	0.4	0.57
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-06/07/79	12##	5.	6.667	20.	5.	19.697	4.438	5.	5.	5.	17.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-06/07/79	12##	5.	7.917	20.	5.	33.902	5.823	5.	5.	8.75	20.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-06/07/79	11	20.	39.545	150.	5.	2447.273	49.47	5.	5.	50.	144.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	41##	50.	351.22	2700.	50.	411685.976	641.628	50.	50.	200.	1380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	41##	1.699	2.094	3.431	1.699	0.309	0.555	1.699	1.699	2.301	3.14
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				124.072								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	33##	0.05	0.105	0.6	0.025	0.015	0.121	0.05	0.05	0.1	0.26
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	33	0.05	0.095	0.6	0.005	0.017	0.131	0.01	0.03	0.095	0.268
71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-06/07/79	12##	0.25	0.242	0.25	0.15	0.001	0.029	0.18	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/67-06/07/79	34	18.95	18.965	26.7	11.1	16.963	4.119	12.6	15.6	22.35	23.85
00300	OXYGEN, DISSOLVED MG/L	09/25/67-06/07/79	33	8.8	8.791	12.	5.8	2.949	1.717	6.	7.8	10.	11.16
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/68-06/07/79	20	2.	4.665	50.	0.9	116.212	10.78	1.	1.	3.375	5.9
00400	PH (STANDARD UNITS)	02/18/68-06/07/79	32	7.9	8.003	8.9	7.	0.247	0.497	7.3	7.7	8.5	8.77
00400	CONVERTED PH (STANDARD UNITS)	02/18/68-06/07/79	32	7.889	7.748	8.9	7.	0.314	0.561	7.3	7.7	8.5	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/68-06/07/79	32	0.013	0.018	0.1	0.001	0.	0.021	0.002	0.003	0.02	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/18/68-06/07/79	20	5.	10.85	89.	0.5	370.713	19.254	0.5	2.25	13.	19.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/25/67-06/07/79	20	2.	3.8	12.	0.5	13.484	3.672	0.5	1.	6.	10.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/18/68-06/07/79	20	2.5	7.15	78.	0.	293.239	17.124	0.05	0.5	5.5	15.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/70-06/07/79	24 ##	0.05	0.07	0.2	0.02	0.001	0.037	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/13/69-06/07/79	24 ##	0.005	0.019	0.29	0.005	0.003	0.058	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/69-09/15/76	15	0.21	0.373	1.899	0.1	0.237	0.487	0.106	0.14	0.31	1.419
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/70-06/07/79	24	0.3	0.308	0.6	0.1	0.019	0.138	0.1	0.2	0.4	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/70-06/07/79	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/70-06/07/79	10 ##	7.5	12.5	30.	5.	106.944	10.341	5.	5.	22.5	30.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/70-06/07/79	10	15.	35.	160.	5.	2555.556	50.553	5.	8.75	37.5	153.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	28 ##	50.	514.286	8000.	50.	2291455.026	1513.755	50.	50.	200.	1220.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/07/79	28 ##	1.699	2.077	3.903	1.699	0.372	0.61	1.699	1.699	2.301	3.086
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				119.529								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/25/70-06/07/79	24 ##	0.05	0.09	0.4	0.05	0.009	0.097	0.05	0.05	0.05	0.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/25/70-06/07/79	24	0.05	0.08	0.4	0.005	0.011	0.104	0.01	0.03	0.058	0.305
71900	MERCURY, TOTAL (UG/L AS HG)	11/24/70-06/07/79	9 ##	0.25	0.228	0.25	0.15	0.002	0.044	0.15	0.2	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0091

NPS Station ID: BLRI0091
 Location: JAMES RIVER AT BUCHANAN, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin:
 Minor Basin:
 RF1 Index: 02080201
 RF3 Index: 02080201003900.38
 Description:

LAT/LON: 37.530560/ -79.679170

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.49

Agency: 112WRD
 FIPS State/County: 51027 VIRGINIA/BUCHANAN
 STORET Station ID(s): 02019500
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	306	14.5	14.245	29.5	0.	67.62	8.223	3.5	7.	22.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-05/16/86	24	14.	13.604	31.	-7.	100.369	10.018	4.25	-2.875	21.5	27.5
00025	BAROMETRIC PRESSURE (MM OF HG)	02/28/83-05/16/86	25	742.	742.6	750.	735.	13.917	3.731	737.8	740.	745.	748.8
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	222	1705.	3483.968	57300.	249.	42678913.451	6532.91	521.5	741.	3510.	6752.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/76-05/16/86	84	1305.	2561.583	45300.	301.	26941702.704	5190.54	472.	794.5	2495.	5090.
00065	STAGE, STREAM (FEET)	04/20/83-04/15/86	11	3.17	3.406	6.02	2.17	1.498	1.224	2.178	2.63	3.42	5.896
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	299	20.	25.334	120.	0.	377.673	19.434	5.	10.	30.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	306	252.5	282.039	805.	70.	19812.13	140.756	129.4	172.	351.25	460.
00300	OXYGEN, DISSOLVED MG/L	01/04/79-05/16/86	46	9.45	9.689	13.2	6.8	3.994	1.998	7.	7.875	11.325	12.66
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	232	7.5	7.508	8.7	6.	0.098	0.312	7.13	7.3	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	232	7.5	7.382	8.7	6.	0.114	0.337	7.13	7.3	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	232	0.032	0.042	1.	0.002	0.005	0.067	0.011	0.02	0.05	0.075
00403	PH, LAB, STANDARD UNITS SU	10/09/80-05/16/86	44	7.9	7.736	8.2	7.	0.096	0.31	7.2	7.6	7.975	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-05/16/86	44	7.9	7.611	8.2	7.	0.112	0.335	7.2	7.6	7.975	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-05/16/86	44	0.013	0.025	0.1	0.006	0.001	0.022	0.01	0.011	0.025	0.065
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/72-08/22/79	48	4.8	6.398	64.	1.2	77.233	8.788	2.79	3.8	6.25	8.69
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	262	72.	74.153	144.	19.	683.724	26.148	41.	52.	92.25	110.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	254	88.5	90.594	175.	23.	1024.147	32.002	50.	64.	112.25	134.5
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	180	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	130 ##	0.005	0.009	0.07	0.	0.	0.009	0.005	0.005	0.01	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	166	0.2	0.219	0.72	0.	0.022	0.147	0.04	0.1	0.3	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	129	0.3	0.261	0.7	0.01	0.022	0.147	0.05	0.2	0.3	0.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-09/24/71	102	0.02	0.069	0.42	0.	0.008	0.088	0.	0.	0.113	0.204
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	123	0.21	0.554	8.6	0.	0.962	0.981	0.	0.	0.74	1.4
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/19/80-11/19/80	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	148	0.085	0.194	2.8	0.005	0.097	0.312	0.005	0.01	0.288	0.463
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	281	97.	102.299	250.	30.	1831.953	42.801	54.	67.5	130.	160.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	268	20.	27.638	120.	0.	406.831	20.17	9.	13.	38.75	55.2
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	306	30.	32.381	81.	9.6	188.899	13.744	17.	21.	42.	51.3
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	306	5.	5.09	11.	1.3	3.588	1.894	2.77	3.6	6.3	7.73
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	306	12.	16.71	82.	1.4	205.61	14.339	4.2	6.875	22.	35.3
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	282	0.6	0.676	2.5	0.1	0.207	0.455	0.23	0.4	0.9	1.3
00932	SODIUM, PERCENT	10/01/68-11/25/85	282	21.5	22.702	47.	7.	64.537	8.034	14.	17.	27.	34.
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/11/79-04/02/80	7	9.	10.657	24.	3.4	55.93	7.479	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	306	2.	2.401	7.8	0.5	1.513	1.23	1.2	1.5	3.1	4.
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	305	18.	25.19	120.	1.	458.727	21.418	6.	10.	33.	53.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	305	24.	28.416	96.	8.	267.053	16.342	13.	16.5	35.	48.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	306	0.1	0.145	0.6	0.	0.007	0.083	0.05	0.1	0.2	0.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	304	5.	4.72	8.5	0.2	1.632	1.277	3.	4.1	5.6	6.
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	296	20.	33.098	1000.	0.	4552.462	67.472	5.	5.	40.	60.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	299	153.	175.191	492.	53.	7747.725	88.021	86.	106.	221.	302.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	276	141.	162.804	479.	42.	6869.852	82.885	75.7	100.	204.	272.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	273	624.	877.055	15900.	236.	1424589.839	1193.562	363.4	434.5	874.	1446.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	275	0.21	0.24	0.67	0.07	0.015	0.122	0.11	0.14	0.3	0.42
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/71-05/15/74	65	0.005	0.013	0.15	0.	0.001	0.024	0.	0.003	0.013	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	245	0.9	0.939	3.2	0.	0.44	0.663	0.1	0.4	1.3	1.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	94	0.	0.02	0.13	0.	0.001	0.03	0.	0.	0.03	0.07
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/15/74-10/21/76	4	14.5	12.5	19.	2.	67.	8.185	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/07/81-07/22/81	5	1.9	2.06	2.8	1.5	0.283	0.532	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	16	0	0.00	19	0	0.00	11	0	0.00			
00400	PH	Other-Hi Lim.	9.	232	0	0.00	67	0	0.00	106	0	0.00	59	0	0.00			
		Other-Lo Lim.	6.5	232	1	0.00	67	0	0.00	106	1	0.01	59	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	44	0	0.00	13	0	0.00	20	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	44	0	0.00	13	0	0.00	20	0	0.00	11	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	130	0	0.00	39	0	0.00	59	0	0.00	32	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	166	0	0.00	45	0	0.00	82	0	0.00	39	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	129	0	0.00	39	0	0.00	58	0	0.00	32	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	305	0	0.00	89	0	0.00	141	0	0.00	75	0	0.00			
		Drinking Water	250.	305	0	0.00	89	0	0.00	141	0	0.00	75	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	305	0	0.00	89	0	0.00	141	0	0.00	75	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	306	0	0.00	90	0	0.00	141	0	0.00	75	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	245	0	0.00	71	0	0.00	115	0	0.00	59	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	94	0	0.00	27	0	0.00	45	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1968 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	2	7409.	7409.	14500.	318.	100564562.	10028.188	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2	465.	465.	680.	250.	92450.	304.056	**	**	**	**
00400	PH (STANDARD UNITS)	2	7.75	7.75	8.	7.5	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	2	7.682	7.682	8.	7.5	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.021	0.021	0.032	0.01	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	97.5	97.5	130.	65.	2112.5	45.962	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	2	119.	119.	159.	79.	3200.	56.569	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	193.	193.	193.	193.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	2	46.5	46.5	63.	30.	544.5	23.335	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	5.95	5.95	8.5	3.4	13.005	3.606	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	38.3	38.3	67.	9.6	1647.38	40.588	**	**	**	**
00931	SODIUM ADSORPTION RATIO	2	1.25	1.25	2.1	0.4	1.445	1.202	**	**	**	**
00932	SODIUM, PERCENT	2	30.	30.	42.	18.	288.	16.971	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.3	4.3	5.5	3.1	2.88	1.697	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	2	44.5	44.5	75.	14.	1860.5	43.134	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	2	54.5	54.5	81.	28.	1404.5	37.477	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	1	130.	130.	130.	130.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	1	385.	385.	385.	385.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	386.	386.	386.	386.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	1	331.	331.	331.	331.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	2	2.15	2.15	2.6	1.7	0.405	0.636	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	15	9.	10.6	24.	0.	68.65	8.286	0.9	4.	19.	23.4
00060	FLOW, STREAM, MEAN DAILY CFS	15	988.	8911.867	57300.	425.	291783198.41	17081.663	482.	592.	9730.	47940.
00080	COLOR (PLATINUM-COBALT UNITS)	10	47.5	54.3	120.	25.	828.233	28.779	25.5	32.25	72.5	116.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	15	265.	290.6	543.	108.	18867.114	137.358	121.8	152.	420.	502.2
00400	PH (STANDARD UNITS)	15	7.6	7.56	7.8	7.2	0.027	0.164	7.26	7.5	7.7	7.74
00400	CONVERTED PH (STANDARD UNITS)	15	7.6	7.529	7.8	7.2	0.028	0.167	7.26	7.5	7.7	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	15	0.025	0.03	0.063	0.016	0.	0.013	0.018	0.02	0.032	0.055
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	15	78.	79.667	135.	38.	763.095	27.624	41.	56.	100.	120.
00440	BICARBONATE ION (MG/L AS HCO3)	15	95.	97.133	165.	46.	1138.838	33.747	49.6	68.	122.	146.4
00445	CARBONATE ION (MG/L AS CO3)	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	15	100.	100.8	169.	50.	1311.029	36.208	50.	72.	132.	152.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	15	20.	21.333	35.	1.	111.524	10.56	5.2	14.	32.	34.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	15	33.	32.733	55.	16.	132.924	11.529	16.	23.	43.	49.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	15	4.2	4.687	8.	2.4	3.66	1.913	2.46	2.7	6.1	7.64
00930	SODIUM, DISSOLVED (MG/L AS NA)	15	22.	20.427	55.	3.	253.758	15.93	3.	4.7	33.	46.6
00931	SODIUM ADSORPTION RATIO	15	1.	0.813	1.8	0.2	0.284	0.533	0.2	0.2	1.2	1.62
00932	SODIUM, PERCENT	15	29.	25.267	40.	8.	136.21	11.671	9.8	11.	35.	38.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	15	3.1	3.027	5.6	1.6	1.014	1.007	1.84	2.	3.5	4.64
00940	CHLORIDE, TOTAL IN WATER MG/L	15	20.	23.533	52.	2.	345.41	18.585	2.6	5.	46.	50.8
00945	SULFATE, TOTAL (MG/L AS SO4)	15	31.	33.133	73.	14.	304.838	17.46	14.6	16.	45.	64.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15	0.2	0.24	0.3	0.1	0.004	0.063	0.16	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SiO2)	14	5.1	5.05	6.4	3.2	0.567	0.753	3.65	4.9	5.375	6.15
01046	IRON, DISSOLVED (UG/L AS FE)	10	45.	54.	140.	10.	1248.889	35.34	12.	37.5	65.	134.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	10	225.5	217.2	363.	81.	7051.067	83.971	84.6	147.75	269.	356.3
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	10	210.	203.6	336.	78.	6054.711	77.812	81.4	138.25	253.25	330.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	10	445.	760.4	3070.	355.	708809.822	841.908	356.4	372.	706.5	2874.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	10	0.305	0.293	0.49	0.11	0.013	0.113	0.115	0.198	0.363	0.481
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	15	1.2	1.28	2.9	0.4	0.432	0.657	0.52	0.9	1.5	2.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	52	16.	15.038	27.5	0.	77.979	8.831	3.65	6.	24.	26.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	52	1160.	1960.25	7930.	249.	3866765.054	1966.409	289.3	540.25	2800.	5402.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	52	25.	36.558	120.	5.	643.271	25.363	10.	20.	50.	70.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	52	282.5	338.827	805.	120.	36223.479	190.325	148.4	195.	442.	713.
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	52	7.4	7.438	8.1	7.	0.063	0.251	7.03	7.3	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	52	7.4	7.369	8.1	7.	0.068	0.261	7.03	7.3	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	52	0.04	0.043	0.1	0.008	0.001	0.025	0.017	0.025	0.05	0.094
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	52	83.	84.115	144.	39.	849.045	29.138	46.	59.5	107.25	129.2
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	52	101.	102.577	175.	48.	1256.053	35.441	56.	72.5	131.	157.3
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	52	101.	113.327	228.	48.	2304.656	48.007	58.4	73.25	142.5	188.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	52	19.5	29.	94.	0.	437.529	20.917	12.	14.	43.75	62.2
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	52	33.5	36.577	74.	14.	245.7	15.675	18.6	24.	47.75	60.4
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	52	5.	5.383	10.	2.	5.219	2.284	2.7	3.625	6.675	9.47
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	52	18.	26.367	82.	3.8	506.317	22.501	5.85	9.7	41.	69.3
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	52	0.75	0.977	2.5	0.2	0.425	0.652	0.3	0.5	1.475	2.07
00932	SODIUM, PERCENT	10/01/68-11/25/85	52	26.	28.231	47.	14.	80.573	8.976	18.	21.	37.	41.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	52	2.45	2.921	7.8	0.7	3.212	1.792	1.13	1.6	4.25	5.79
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	52	22.	33.865	120.	3.	904.001	30.067	7.3	12.	51.5	89.9
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	52	29.5	37.442	96.	13.	576.526	24.011	16.	19.	51.75	84.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	52	0.2	0.185	0.4	0.	0.007	0.083	0.1	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	52	4.8	4.683	6.3	2.	0.787	0.887	3.53	4.125	5.2	5.77
01046	IRON, DISSOLVED (UG/L AS Fe)	10/01/68-05/16/86	52	40.	35.385	130.	0.	723.379	26.896	3.	10.	40.	60.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	52	176.	210.635	492.	75.	13446.04	115.957	95.	118.25	292.	422.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	52	167.5	198.731	479.	71.	12662.475	112.528	84.9	107.25	274.25	413.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	52	576.5	703.519	2620.	273.	223250.098	472.493	298.6	359.25	794.25	1389.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	52	0.24	0.287	0.67	0.1	0.025	0.159	0.13	0.16	0.4	0.577
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	52	0.8	0.873	2.5	0.	0.435	0.66	0.03	0.4	1.275	1.97

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	45	14.5	14.256	27.5	0.	71.78	8.472	1.5	5.25	22.75	24.2
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	45	1710.	3352.644	42400.	352.	40364647.916	6353.318	585.2	898.5	3330.	6828.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	45	25.	24.556	70.	3.	215.798	14.69	10.	12.5	30.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	45	230.	258.2	600.	82.	14512.073	120.466	136.	170.	310.	456.
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	45	7.4	7.387	7.9	6.9	0.043	0.207	7.1	7.25	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	45	7.4	7.338	7.9	6.9	0.045	0.213	7.1	7.25	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	45	0.04	0.046	0.126	0.013	0.001	0.023	0.02	0.032	0.057	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	45	66.	71.733	126.	26.	645.245	25.402	40.2	51.5	87.	111.6
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	45	81.	87.511	154.	32.	962.892	31.03	49.2	62.5	106.5	136.
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	45	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	6	0.1	0.117	0.2	0.04	0.003	0.056	**	**	**	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	45	82.	90.867	170.	36.	1205.073	34.714	51.2	64.5	110.	150.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	45	15.	19.267	52.	6.	132.609	11.516	8.6	11.5	24.	40.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	45	26.	28.289	55.	11.	118.346	10.879	15.6	20.	34.	47.4
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	45	4.3	4.94	9.1	2.2	3.69	1.921	2.76	3.5	6.2	8.5
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	45	12.	16.087	60.	1.9	156.18	12.497	4.74	8.2	20.	33.4
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	45	0.6	0.693	2.	0.1	0.162	0.402	0.3	0.4	0.9	1.18
00932	SODIUM, PERCENT	10/01/68-11/25/85	45	24.	24.467	43.	10.	52.573	7.251	16.	19.	29.	34.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	45	2.	2.4	6.8	1.2	1.739	1.319	1.3	1.5	2.85	4.2
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	45	14.	19.467	60.	1.	212.891	14.591	6.6	10.	21.5	46.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	45	22.	26.689	79.	11.	216.946	14.729	12.6	16.	32.5	45.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	45	0.1	0.138	0.3	0.	0.004	0.061	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	45	5.2	4.931	7.1	2.1	1.068	1.033	3.56	4.35	5.6	5.94
01046	IRON, DISSOLVED (UG/L AS Fe)	10/01/68-05/16/86	45	20.	29.778	130.	0.	956.768	30.932	0.	10.	45.	60.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	45	133.	156.4	372.	67.	5248.564	72.447	84.	106.	182.5	266.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	45	126.	146.533	350.	51.	4722.573	68.721	75.	99.	169.5	252.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	45	616.	924.111	7670.	335.	1242544.283	1114.695	368.8	455.5	952.	1760.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	45	0.18	0.213	0.51	0.09	0.01	0.098	0.116	0.145	0.245	0.36
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	39	0.5	0.521	1.6	0.	0.147	0.384	0.	0.2	0.8	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	24	15.25	13.938	23.5	3.5	41.507	6.443	5.	8.25	19.75	22.75
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	24	2325.	3925.583	20300.	590.	17491532.514	4182.288	902.	1392.5	6072.5	7740.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	24	22.5	23.667	50.	7.	169.71	13.027	8.5	12.75	30.	45.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	24	212.5	235.875	450.	108.	9797.332	98.981	117.	152.5	310.	400.
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	24	7.4	7.388	7.8	7.	0.039	0.196	7.15	7.2	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	24	7.4	7.346	7.8	7.	0.04	0.201	7.15	7.2	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	24	0.04	0.045	0.1	0.016	0.	0.02	0.02	0.032	0.063	0.071
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	24	66.5	67.542	116.	30.	586.781	24.224	37.	49.	86.25	105.5
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	24	80.5	82.458	142.	37.	873.911	29.562	45.	60.	105.25	129.
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	24	0.1	0.161	0.4	0.	0.014	0.12	0.04	0.048	0.275	0.35
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	24	78.	85.083	160.	40.	1036.08	32.188	50.	60.5	110.	135.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	24	13.5	16.958	40.	8.	78.476	8.859	8.	10.	24.25	30.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	24	23.5	26.125	48.	12.	96.201	9.808	15.	19.25	33.75	41.5
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	24	4.3	4.671	8.7	2.5	3.213	1.793	2.8	3.125	5.625	7.65
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	24	9.75	12.738	36.	3.1	74.715	8.644	3.7	6.35	17.5	27.
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	24	0.5	0.571	1.3	0.2	0.086	0.293	0.2	0.325	0.775	1.
00932	SODIUM, PERCENT	10/01/68-11/25/85	24	23.	22.042	33.	13.	37.868	6.154	13.5	16.	26.75	30.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	24	1.8	2.079	3.9	1.2	0.624	0.79	1.25	1.425	2.675	3.4
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	24	13.	15.833	40.	3.	109.275	10.453	4.	8.25	23.25	34.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	24	20.	24.042	55.	12.	118.216	10.873	13.5	15.25	31.5	41.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	24	0.1	0.15	0.3	0.1	0.003	0.059	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	24	5.2	5.263	7.8	2.6	1.098	1.048	4.2	4.6	5.775	6.8
01046	IRON, DISSOLVED (UG/L AS Fe)	10/01/68-05/16/86	24	20.	21.458	50.	0.	322.781	17.966	0.	5.	40.	50.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	24	119.5	139.667	284.	70.	3280.754	57.278	75.5	94.5	182.5	234.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	24	114.5	132.125	267.	61.	3051.071	55.236	69.5	89.	177.5	221.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	24	752.5	1101.542	3950.	452.	565217.216	751.809	467.5	619.5	1510.	1775.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	24	0.16	0.19	0.39	0.1	0.006	0.078	0.105	0.133	0.245	0.32
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	6	0.9	0.883	1.3	0.	0.226	0.475	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	25	14.	14.64	28.	1.5	67.636	8.224	3.6	7.75	22.75	25.5
00060	FLOW, STREAM, MEAN DAILY CFS	25	2480.	3725.6	31100.	645.	35502946.833	5958.435	701.	1020.	3715.	6160.
00080	COLOR (PLATINUM-COBALT UNITS)	25	25.	33.72	80.	15.	307.043	17.523	16.2	22.5	42.5	67.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	25	244.	266.04	510.	78.	14892.79	122.036	143.6	170.	345.	468.
00400	PH (STANDARD UNITS)	25	7.4	7.428	8.	7.1	0.048	0.219	7.1	7.3	7.55	7.74
00400	CONVERTED PH (STANDARD UNITS)	25	7.4	7.38	8.	7.1	0.05	0.224	7.1	7.3	7.55	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	25	0.04	0.042	0.079	0.01	0.	0.019	0.018	0.028	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	25	68.	73.	125.	24.	708.75	26.622	45.2	50.5	96.	111.8
00440	BICARBONATE ION (MG/L AS HCO3)	25	83.	88.88	152.	29.	1046.86	32.355	55.2	61.5	116.5	136.2
00445	CARBONATE ION (MG/L AS CO3)	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	25	0.1	0.161	0.6	0.02	0.016	0.126	0.032	0.08	0.2	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	6	0.	0.025	0.12	0.	0.002	0.048	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	6###	0.005	0.012	0.04	0.005	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	25	85.	89.36	170.	31.	1131.49	33.638	57.4	61.	110.	144.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	25	15.	17.56	59.	0.	188.59	13.733	3.	8.	23.	38.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	25	26.	28.144	56.	9.6	121.002	11.	17.6	19.5	34.5	44.8
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	25	4.4	4.728	8.4	1.7	2.95	1.718	2.76	3.4	6.2	7.34
00930	SODIUM, DISSOLVED (MG/L AS Na)	25	12.	16.14	45.	2.5	154.387	12.425	4.5	6.95	27.5	36.2
00931	SODIUM ADSORPTION RATIO	25	0.6	0.688	1.8	0.2	0.184	0.428	0.26	0.4	1.15	1.3
00932	SODIUM, PERCENT	25	22.	24.2	45.	13.	68.917	8.302	14.	18.5	32.	35.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	25	1.6	2.084	4.	0.9	0.783	0.885	1.1	1.45	2.8	3.52
00940	CHLORIDE, TOTAL IN WATER MG/L	25	14.	19.04	57.	3.	202.123	14.217	6.6	9.5	27.	45.4
00945	SULFATE, TOTAL (MG/L AS SO4)	25	22.	28.4	58.	10.	246.	15.684	12.	16.5	41.	55.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	25	0.1	0.148	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.24
00955	SILICA, DISSOLVED (MG/L AS SiO2)	25	5.4	5.26	6.7	2.	0.915	0.957	4.02	5.	5.7	6.36
01046	IRON, DISSOLVED (UG/L AS FE)	25	20.	16.8	50.	5.	185.167	13.608	5.	5.	25.	40.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	25	138.	157.08	316.	54.	5570.41	74.635	85.8	99.5	207.	281.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	25	132.	148.32	294.	48.	4811.727	69.367	80.8	95.	195.	261.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	25	807.	1008.44	4530.	467.	634471.007	796.537	512.2	629.	1165.	1462.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	25	0.19	0.214	0.43	0.07	0.01	0.102	0.116	0.135	0.285	0.386
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	25	0.4	0.708	2.7	0.1	0.319	0.565	0.16	0.35	0.9	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24	16.25	15.083	26.5	4.	61.406	7.836	4.5	7.25	21.875	25.5
00060	FLOW, STREAM, MEAN DAILY CFS	24	1310.	2358.417	9650.	455.	5869783.123	2422.764	507.5	652.	3052.5	6530.
00080	COLOR (PLATINUM-COBALT UNITS)	24	20.	25.375	60.	9.	184.158	13.57	10.	15.	30.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	24	285.	257.	430.	114.	9223.652	96.04	125.	156.75	317.75	403.
00400	PH (STANDARD UNITS)	11	7.4	7.382	7.7	7.	0.036	0.189	7.04	7.3	7.5	7.68
00400	CONVERTED PH (STANDARD UNITS)	11	7.4	7.343	7.7	7.	0.037	0.193	7.04	7.3	7.5	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.04	0.045	0.1	0.02	0.	0.022	0.021	0.032	0.05	0.093
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	24	78.5	72.833	108.	39.	505.797	22.49	40.	51.5	86.	106.
00440	BICARBONATE ION (MG/L AS HCO3)	24	95.5	88.875	132.	47.	758.462	27.54	48.5	62.75	105.	129.5
00445	CARBONATE ION (MG/L AS CO3)	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	24	0.175	0.188	0.4	0.02	0.015	0.123	0.025	0.07	0.268	0.38
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11	0.2	0.207	0.4	0.03	0.021	0.144	0.032	0.04	0.3	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	24	0.	0.008	0.03	0.	0.	0.013	0.	0.	0.023	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	24###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	24	115.	106.708	180.	48.	1664.303	40.796	50.5	69.25	140.	160.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	24	30.	33.417	94.	10.	488.514	22.102	10.	14.5	49.25	67.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	24	36.5	34.	57.	15.	177.391	13.319	15.5	21.5	45.5	52.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	24	5.3	5.217	8.9	2.5	3.552	1.885	2.9	3.45	6.475	8.45
00930	SODIUM, DISSOLVED (MG/L AS Na)	24	14.	14.779	40.	3.4	101.268	10.063	3.6	6.425	19.	31.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	24	0.6	0.579	1.4	0.2	0.098	0.313	0.2	0.3	0.7	1.1
00932	SODIUM, PERCENT	10/01/68-11/25/85	24	21.	20.5	34.	13.	31.826	5.641	13.	15.25	22.75	29.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	24	2.05	2.138	4.1	1.1	0.742	0.861	1.25	1.4	2.5	3.75
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	24	23.	26.375	64.	6.	350.245	18.715	6.	11.25	39.75	61.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	24	25.5	27.375	49.	12.	140.418	11.85	12.5	18.	33.25	48.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	24	0.1	0.121	0.2	0.05	0.002	0.049	0.075	0.1	0.175	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	24	4.55	4.7	6.5	2.4	0.883	0.94	3.6	4.15	5.55	5.9
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	20	20.	25.5	130.	5.	952.368	30.86	5.	5.	30.	77.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	24	188.	180.	370.	75.	6951.043	83.373	79.5	93.5	234.	298.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	24	160.	159.417	275.	70.	4582.08	67.691	72.5	103.5	203.5	267.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	24	593.5	752.375	2240.	285.	195711.375	442.393	394.	427.5	930.75	1350.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	24	0.255	0.245	0.5	0.1	0.013	0.112	0.11	0.128	0.318	0.405
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	24	0.8	0.846	1.8	0.1	0.301	0.548	0.1	0.3	1.2	1.7
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	11	0.	0.005	0.03	0.	0.	0.012	0.	0.	0.	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	24	14.5	14.813	28.5	1.5	65.279	8.08	5.25	7.25	22.5	26.25
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	24	1715.	3466.875	21200.	505.	19992938.984	4471.346	589.	780.	4675.	8190.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	24	16.5	18.417	90.	0.	337.036	18.359	3.5	7.25	20.	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	24	188.5	228.417	460.	70.	15050.949	122.682	86.5	120.25	358.75	390.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	24	72.5	66.75	108.	30.	467.848	21.63	33.5	52.	84.	90.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	24	88.5	81.375	132.	37.	698.418	26.428	40.5	63.	102.	110.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	24 ##	0.005	0.009	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	24	0.295	0.305	0.69	0.04	0.021	0.145	0.095	0.25	0.368	0.535
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	24	0.3	0.318	0.7	0.04	0.021	0.146	0.1	0.3	0.4	0.55
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	24	0.49	0.533	1.6	0.	0.271	0.521	0.	0.008	0.965	1.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	24	0.16	0.175	0.53	0.005	0.028	0.168	0.005	0.006	0.315	0.45
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	24	97.	96.833	170.	39.	1569.71	39.62	43.5	63.5	130.	150.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	24	24.	30.208	61.	5.	376.346	19.4	7.5	13.25	48.5	61.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	24	30.5	30.875	55.	12.	172.114	13.119	13.5	20.	43.75	48.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	24	5.2	4.808	7.7	2.2	2.943	1.716	2.45	3.25	6.2	7.35
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	24	8.8	9.921	26.	1.4	41.003	6.403	2.55	4.575	14.	19.5
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	24	0.4	0.412	0.9	0.1	0.039	0.198	0.15	0.3	0.5	0.7
00932	SODIUM, PERCENT	10/01/68-11/25/85	24	16.5	16.292	25.	7.	18.824	4.339	9.5	15.	19.5	21.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	24	1.8	1.975	3.7	1.	0.573	0.757	1.15	1.3	2.4	3.25
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	24	16.	20.083	52.	3.	227.558	15.085	3.	7.	32.5	44.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	24	19.	21.958	46.	8.	103.52	10.174	10.	14.	29.	37.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	24	0.2	0.196	0.6	0.05	0.022	0.147	0.05	0.1	0.2	0.45
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	24	5.4	5.042	6.2	3.	0.93	0.965	3.05	4.425	5.7	6.
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	24 ##	5.	16.458	80.	5.	359.737	18.967	5.	5.	27.5	45.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	24	146.	142.625	288.	53.	4354.332	65.987	62.	87.	179.	251.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	24	129.5	136.917	265.	54.	3539.123	59.491	59.	84.5	186.25	222.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	24	691.	837.042	3030.	318.	363571.259	602.969	382.5	422.25	1056.5	1525.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	24	0.2	0.194	0.39	0.07	0.008	0.09	0.085	0.12	0.245	0.345
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	24	1.3	1.35	3.1	0.2	0.423	0.651	0.4	1.1	1.6	2.4
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	24	0.	0.019	0.1	0.	0.001	0.028	0.	0.	0.03	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	14	12.	13.75	26.	4.	67.029	8.187	4.	5.875	21.5	25.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	11	1240.	4089.273	30700.	400.	78921173.818	8883.759	428.	652.	3230.	25216.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	14	5.	10.714	30.	0.	145.604	12.067	0.	0.	22.5	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	14	245.	271.786	580.	115.	14302.951	119.595	137.5	169.5	351.25	482.5
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	14	65.5	66.357	112.	29.	454.863	21.328	35.	51.25	84.	100.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	14	80.	80.929	137.	35.	683.764	26.149	42.5	62.	102.25	122.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	14 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.006	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	14	0.375	0.369	0.72	0.15	0.02	0.14	0.19	0.265	0.45	0.61
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	14	0.4	0.386	0.7	0.2	0.018	0.135	0.2	0.3	0.5	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	14	0.595	0.761	2.4	0.06	0.386	0.621	0.12	0.37	0.993	1.95
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	14	0.195	0.249	0.79	0.02	0.042	0.204	0.04	0.12	0.32	0.645
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	14	94.	99.857	180.	44.	1397.209	37.379	52.5	64.75	132.5	160.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	14	31.5	33.357	69.	12.	286.093	16.914	13.5	19.75	46.5	63.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	14	29.	31.786	59.	14.	153.104	12.374	17.	20.	42.5	52.5
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	14	5.	4.936	8.3	2.1	2.742	1.656	2.4	3.65	6.075	7.65
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	14	10.5	13.	44.	3.3	104.977	10.246	4.05	5.525	16.5	31.5
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	14	0.45	0.529	1.4	0.2	0.09	0.3	0.25	0.3	0.7	1.05
00932	SODIUM, PERCENT	10/01/68-11/25/85	14	19.	19.643	34.	14.	29.016	5.387	14.	15.	22.25	29.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	14	1.6	1.986	5.8	0.5	1.546	1.243	0.85	1.375	2.425	4.15
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	14	17.5	22.214	60.	4.	226.643	15.055	6.	10.75	33.	50.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	14	22.	26.929	81.	13.	308.841	17.574	13.	15.5	34.25	58.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	14	0.2	0.196	0.4	0.05	0.006	0.075	0.075	0.2	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	14	4.95	4.621	6.7	1.5	1.89	1.375	2.25	3.65	5.625	6.2
01046	IRON, DISSOLVED (UG/L AS Fe)	10/01/68-05/16/86	14 ##	5.	12.857	60.	5.	248.901	15.777	5.	5.	20.	45.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	14	146.5	157.643	363.	80.	5829.478	76.351	83.	88.75	192.25	299.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	14	131.	148.	334.	64.	4728.308	68.763	75.5	90.75	191.25	270.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	14	520.5	967.714	6630.	303.	2680942.835	1637.358	328.	386.5	736.5	3698.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	14	0.2	0.214	0.49	0.11	0.01	0.102	0.115	0.12	0.258	0.405
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	14	1.65	1.629	3.2	0.7	0.388	0.623	0.85	1.175	2.	2.7
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	14	0.	0.014	0.1	0.	0.001	0.032	0.	0.	0.008	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	12	15.75	15.375	29.5	2.	85.551	9.249	2.6	6.5	22.875	28.75
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	12	15.5	16.583	45.	0.	153.356	12.384	1.2	6.25	21.5	40.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	12	336.5	320.917	478.	105.	13495.902	116.172	130.5	209.75	433.25	468.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	12	82.	77.083	110.	34.	485.174	22.027	40.3	56.75	96.	106.4
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	12	100.	93.75	130.	42.	693.841	26.341	49.5	69.	117.5	127.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	12 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	12	0.27	0.265	0.52	0.	0.021	0.146	0.03	0.143	0.38	0.484
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	12	0.25	0.263	0.5	0.05	0.021	0.143	0.065	0.125	0.4	0.47
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	12	0.595	1.635	8.6	0.12	6.24	2.498	0.12	0.213	2.4	7.22
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	12	0.195	0.531	2.8	0.04	0.66	0.812	0.04	0.07	0.77	2.35
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	12	120.	118.417	180.	42.	1667.902	40.84	52.2	85.25	150.	177.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	12	41.5	41.75	70.	7.	355.114	18.844	11.2	27.	58.	68.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	12	40.	38.333	57.	13.	177.333	13.317	16.3	27.25	49.75	56.1
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	12	5.8	5.608	8.3	2.2	2.819	1.679	2.71	4.225	6.875	8.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	12	17.5	17.342	27.	2.8	67.048	8.188	4.06	9.975	25.75	26.7
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	12	0.7	0.675	1.	0.2	0.062	0.249	0.23	0.525	0.9	0.97
00932	SODIUM, PERCENT	10/01/68-11/25/85	12	23.	22.333	29.	12.	23.697	4.868	12.9	21.	25.5	28.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	12	2.85	2.858	5.1	1.3	1.199	1.095	1.39	1.85	3.3	4.83
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	12	30.5	33.25	67.	5.	339.295	18.42	7.7	17.25	48.75	63.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	12	33.5	29.083	40.	11.	98.629	9.931	11.9	19.75	35.75	39.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	12	0.1	0.083	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	12	4.9	4.417	6.8	1.	3.183	1.784	1.51	2.75	5.875	6.59
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	12	20.	19.583	50.	5.	152.083	12.332	5.	8.75	20.	44.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	12	201.5	199.75	333.	68.	6683.114	81.75	80.	123.75	262.	324.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	12	186.	180.167	272.	63.	4287.424	65.478	76.5	115.5	244.25	264.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	12	507.5	617.167	1590.	290.	122948.515	350.64	304.1	395.25	765.75	1364.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	12	0.275	0.272	0.45	0.09	0.012	0.111	0.108	0.17	0.355	0.441
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	12	1.2	1.158	2.3	0.	0.423	0.65	0.12	0.6	1.65	2.15
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	12	0.	0.016	0.1	0.	0.001	0.03	0.	0.	0.03	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	11	16.	15.5	28.	1.	77.8	8.82	1.4	9.	23.5	27.3
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	11	15.	16.818	30.	10.	61.364	7.833	10.	10.	20.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	11	317.	323.818	650.	76.	38687.364	196.691	82.6	152.	460.	648.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	11	81.	75.909	120.	19.	1152.291	33.945	22.8	43.	110.	118.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	11	99.	92.182	150.	23.	1697.164	41.197	27.6	53.	130.	146.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	11	0.01	0.087	0.	0.	0.016	0.127	0.	0.	0.15	0.34
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	11	0.05	0.115	0.4	0.01	0.017	0.129	0.01	0.05	0.2	0.38
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	11	0.21	0.628	1.8	0.	0.536	0.732	0.	0.	1.2	1.8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	11	0.07	0.209	0.6	0.005	0.057	0.24	0.005	0.005	0.4	0.596
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	11	130.	121.545	250.	30.	4930.673	70.219	32.4	58.	160.	244.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	11	41.	45.091	120.	5.	1451.091	38.093	6.2	11.	52.	118.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	11	40.	39.	81.	10.	534.4	23.117	10.8	18.	51.	79.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	11	6.3	5.727	11.	1.3	8.112	2.848	1.4	3.2	7.5	10.44
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	11	12.	15.6	38.	1.4	163.982	12.806	1.54	4.6	25.	37.8
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	11	0.5	0.564	1.1	0.1	0.123	0.35	0.1	0.3	0.9	1.1
00932	SODIUM, PERCENT	10/01/68-11/25/85	11	20.	18.545	27.	9.	40.473	6.362	9.	14.	25.	26.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	11	2.2	2.555	4.8	1.2	1.699	1.303	1.22	1.4	3.8	4.78
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	11	29.	37.182	110.	3.	1252.364	35.389	3.2	7.	52.	106.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	11	24.	27.727	53.	9.	236.418	15.376	9.	15.	44.	52.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	11	0.1	0.086	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	11	3.1	2.936	8.5	0.2	6.053	2.46	0.26	0.6	3.5	7.92
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	11 ##	5.	55.455	470.	5.	19407.273	139.31	5.	5.	20.	392.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	11	184.	203.727	400.	61.	12352.818	111.143	67.4	130.	266.	398.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	11	172.	177.182	357.	42.	11836.364	108.795	46.2	79.	256.	356.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	11	491.	1963.818	15900.	284.	21488837.564	4635.605	302.4	399.	575.	13040.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	11	0.25	0.277	0.54	0.08	0.022	0.15	0.09	0.18	0.36	0.538
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	11	0.	0.382	1.5	0.	0.308	0.555	0.	0.	0.7	1.46
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	11	0.	0.003	0.03	0.	0.	0.009	0.	0.	0.	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	8	14.25	12.688	23.5	1.	70.424	8.392	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	8	10.	13.75	30.	5.	62.5	7.906	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	8	179.5	215.875	385.	100.	11488.982	107.187	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.5	7.375	8.	6.	0.388	0.623	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.455	6.814	8.	6.	0.748	0.865	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	8	0.035	0.154	1.	0.01	0.117	0.343	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	8	56.	61.875	98.	33.	576.411	24.009	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	6	83.5	80.833	120.	40.	1072.967	32.756	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	8	0.01	0.016	0.04	0.005	0.	0.011	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	8	0.28	0.293	0.48	0.07	0.02	0.142	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	8	0.3	0.309	0.5	0.07	0.023	0.152	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	8	0.12	0.273	0.74	0.06	0.085	0.291	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	8	0.04	0.089	0.24	0.02	0.009	0.094	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	8	71.	86.125	150.	49.	1526.696	39.073	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	8	18.5	24.375	55.	9.	245.411	15.666	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	8	22.	27.	47.	15.	159.143	12.615	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	8	3.9	4.5	6.8	2.7	2.934	1.713	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	8	5.55	9.05	21.	3.	48.4	6.957	**	**	**	**
00931	SODIUM ADSORPTION RATIO	8	0.3	0.4	0.8	0.2	0.057	0.239	**	**	**	**
00932	SODIUM, PERCENT	8	15.	16.625	23.	12.	20.268	4.502	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	8	1.75	2.1	3.6	1.2	0.926	0.962	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	8	11.	16.5	37.	4.	168.286	12.972	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	8	13.	18.625	38.	10.	112.268	10.596	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	8	0.1	0.087	0.1	0.05	0.001	0.023	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	8	5.7	5.087	6.4	1.1	3.17	1.78	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	8	40.	51.25	160.	20.	2012.5	44.861	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	8	104.	132.875	248.	68.	4790.125	69.211	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	8	97.	121.375	216.	64.	3475.696	58.955	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	8	987.	921.75	1360.	437.	128497.929	358.466	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	8	0.145	0.181	0.34	0.09	0.009	0.096	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	8	1.25	1.288	2.1	0.3	0.381	0.617	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	8	0.03	0.049	0.13	0.	0.002	0.04	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	11.75	13.375	25.	3.	81.196	9.011	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	8	10.	13.375	30.	5.	99.696	9.985	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	8	328.5	327.875	528.	124.	18547.839	136.19	**	**	**	**
00400	PH (STANDARD UNITS)	8	7.8	7.763	8.1	7.4	0.077	0.277	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	8	7.8	7.686	8.1	7.4	0.084	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	0.016	0.021	0.04	0.008	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	6	71.	76.	104.	42.	526.4	22.943	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	8	0.01	0.01	0.02	0.	0.	0.008	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	7	0.29	0.274	0.4	0.03	0.017	0.129	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	7	0.3	0.276	0.4	0.03	0.016	0.128	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	8	0.555	0.584	1.4	0.06	0.237	0.487	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	8	0.18	0.191	0.46	0.02	0.025	0.16	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	8	125.	124.625	170.	56.	2082.554	45.635	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	8	34.	42.5	77.	14.	649.143	25.478	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	8	39.5	39.875	57.	17.	228.696	15.123	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	8	6.05	6.125	8.5	3.3	3.565	1.888	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	8	9.3	12.	22.	2.4	52.934	7.276	**	**	**	**
00931	SODIUM ADSORPTION RATIO	8	0.35	0.425	0.7	0.1	0.048	0.219	**	**	**	**
00932	SODIUM, PERCENT	8	16.5	16.	22.	8.	27.714	5.264	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	8	2.1	2.275	3.6	1.	1.094	1.046	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	8	29.5	32.5	68.	4.	438.286	20.935	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	8	25.5	26.75	40.	11.	127.071	11.273	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	8	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	8	4.55	4.713	7.2	1.9	3.164	1.779	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	8	35.	40.	120.	10.	1171.429	34.226	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	8	204.	201.375	324.	84.	6927.696	83.233	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	8	181.5	175.875	261.	71.	4794.696	69.244	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	8	623.5	683.875	1690.	279.	192160.982	438.362	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	8	0.275	0.271	0.44	0.11	0.013	0.114	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	7	1.3	1.207	1.8	0.05	0.367	0.606	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	8	0.03	0.033	0.07	0.	0.001	0.027	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	7	13.	12.	28.	0.	87.	9.327	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	7	20.	27.857	48.	20.	120.143	10.961	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	7	451.	456.286	720.	295.	23445.571	153.119	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	7	8.	7.771	8.3	7.3	0.179	0.423	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	7	8.	7.607	8.3	7.3	0.211	0.459	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	7	0.01	0.025	0.05	0.005	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	7##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	2	0.13	0.13	0.18	0.08	0.005	0.071	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	7	0.2	0.176	0.3	0.04	0.011	0.103	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	7	0.89	1.123	2.1	0.52	0.398	0.631	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	7	0.29	0.369	0.68	0.17	0.043	0.207	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	7	160.	154.286	230.	110.	2161.905	46.496	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	5	48.	55.6	76.	39.	267.3	16.349	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	7	53.	50.571	79.	34.	286.619	16.93	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	7	6.1	6.286	8.3	4.9	1.825	1.351	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	7	23.	23.286	41.	11.	112.571	10.61	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	7	0.8	0.8	1.2	0.5	0.063	0.252	**	**	**	**
00932	SODIUM, PERCENT	10/01/68-11/25/85	7	23.	23.571	27.	18.	9.952	3.155	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	7	3.2	3.043	4.1	2.	0.603	0.776	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/68-05/16/86	7	62.	59.429	120.	27.	1050.286	32.408	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	7	35.	37.714	54.	25.	113.905	10.673	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	7	0.1	0.107	0.2	0.05	0.002	0.045	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	7	3.	2.657	4.9	0.4	2.466	1.57	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	7	50.	50.	77.	20.	419.667	20.486	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	7	302.	280.286	470.	160.	11452.571	107.017	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	7	243.	234.714	377.	141.	7008.905	83.719	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	7	453.	460.571	592.	365.	6849.952	82.764	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	7	0.41	0.381	0.64	0.22	0.021	0.145	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	2	0.6	0.6	0.8	0.4	0.08	0.283	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	2	0.05	0.05	0.07	0.03	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	8	17.	15.875	27.5	0.	77.911	8.827	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	8	11.	14.	35.	2.	118.286	10.876	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	8	216.	249.	375.	176.	6282.571	79.263	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	8	8.05	8.113	8.7	7.7	0.09	0.3	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	8	8.047	8.035	8.7	7.7	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	8	0.009	0.009	0.02	0.002	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	8##	0.005	0.009	0.02	0.005	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	3	0.23	0.233	0.29	0.18	0.003	0.055	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	8	0.2	0.2	0.3	0.05	0.011	0.104	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	7	0.25	0.346	0.92	0.09	0.09	0.3	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	8	0.07	0.099	0.3	0.005	0.01	0.098	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	8	85.	92.25	140.	63.	795.643	28.207	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	8	26.5	29.125	44.	20.	83.268	9.125	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	8	4.55	4.725	6.9	3.2	1.645	1.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	8	8.5	10.55	19.	6.	25.331	5.033	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	8	0.45	0.487	0.8	0.3	0.033	0.181	**	**	**	**
00932	SODIUM, PERCENT	10/01/68-11/25/85	8	19.	19.	25.	15.	9.429	3.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	8	1.7	1.825	3.	1.	0.482	0.694	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	8	14.	18.5	33.	10.	77.714	8.816	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	8	18.	21.75	38.	15.	61.071	7.815	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	8##	0.05	0.081	0.2	0.05	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	8	3.95	4.113	6.1	2.6	1.141	1.068	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	8	27.5	24.125	36.	8.	105.839	10.288	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	8	125.	145.375	201.	108.	1514.839	38.921	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	8	111.5	131.	196.	93.	1810.857	42.554	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	7	506.	565.143	820.	236.	49332.81	222.11	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	8	0.17	0.198	0.27	0.15	0.003	0.053	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	3	1.	1.033	1.3	0.8	0.063	0.252	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	3	0.07	0.057	0.07	0.03	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	8	11.25	14.063	26.5	2.	100.817	10.041	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	8	16.	19.875	40.	5.	188.411	13.726	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	8	267.5	272.75	418.	120.	14219.929	119.247	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.8	7.825	8.3	7.3	0.088	0.296	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.789	7.734	8.3	7.3	0.097	0.312	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	8	0.016	0.018	0.05	0.005	0.	0.014	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	8##	0.008	0.015	0.06	0.005	0.	0.019	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	4	0.2	0.198	0.29	0.1	0.011	0.107	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	8	0.25	0.238	0.3	0.1	0.006	0.074	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	2	0.325	0.325	0.4	0.25	0.011	0.106	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	8	0.18	0.224	0.43	0.08	0.023	0.153	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	2	88.5	88.5	110.	67.	924.5	30.406	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	8	32.5	32.	50.	15.	167.143	12.928	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	8	5.2	4.962	6.9	2.7	2.297	1.516	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	8	12.5	12.5	24.	2.8	71.566	8.46	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	10/01/68-11/25/85	2	17.5	17.5	22.	13.	40.5	6.364	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	8	2.3	2.213	4.1	1.	1.121	1.059	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	8	23.	24.625	45.	5.	294.268	17.154	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	8	25.5	25.75	40.	14.	101.357	10.068	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	8	0.1	0.094	0.1	0.05	0.	0.018	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	8	4.85	4.6	5.6	2.9	0.863	0.929	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	8	24.	31.	62.	15.	314.	17.72	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	7	170.	181.429	285.	76.	6577.952	81.105	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	2	127.	127.	164.	90.	2738.	52.326	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	1	958.	958.	958.	958.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	2	0.185	0.185	0.23	0.14	0.004	0.064	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	7	16.	14.571	24.5	3.	70.869	8.418	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	6	10.5	9.5	15.	2.	20.3	4.506	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	7	260.	261.571	325.	166.	3632.286	60.268	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	7	7.9	7.886	8.3	7.5	0.061	0.248	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	7	7.9	7.827	8.3	7.5	0.066	0.256	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	7	0.013	0.015	0.032	0.005	0.	0.009	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	7	0.01	0.016	0.07	0.005	0.001	0.024	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	7	0.3	0.314	0.5	0.1	0.018	0.135	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	7	0.39	0.28	0.5	0.02	0.053	0.231	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	7	31.	30.143	36.	19.	37.476	6.122	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	7	5.3	5.229	6.7	3.4	1.066	1.032	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	7	11.	12.343	20.	5.7	22.193	4.711	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	7	2.1	1.957	2.6	1.2	0.266	0.516	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	6	19.5	19.333	31.	10.	54.267	7.367	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	6	23.	22.333	26.	15.	15.467	3.933	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	7##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	7	4.9	4.6	5.6	2.8	0.807	0.898	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	7	26.	27.143	35.	22.	18.143	4.259	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	7	162.	155.571	206.	107.	1140.286	33.768	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	8	13.5	13.25	22.	1.5	67.286	8.203	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	8	20.	18.75	40.	5.	126.786	11.26	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	8	195.	234.125	400.	160.	9016.125	94.953	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.6	7.55	8.	7.1	0.063	0.251	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	8	7.6	7.486	8.	7.1	0.068	0.26	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	8	0.025	0.033	0.079	0.01	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	8##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	8	0.25	0.213	0.4	0.05	0.018	0.133	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	7	0.13	0.261	1.2	0.005	0.177	0.421	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	8	23.5	26.25	40.	19.	71.357	8.447	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	8	4.2	4.65	7.	3.4	1.691	1.301	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	8	9.	12.438	28.	5.1	77.497	8.803	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/01/68-11/25/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	8	1.75	2.075	4.	1.1	0.988	0.994	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	8	14.	17.	41.	8.	122.857	11.084	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	8	17.5	23.25	46.	14.	162.214	12.736	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	8##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	8	4.95	4.713	6.6	2.4	2.013	1.419	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	8	31.	152.5	1000.	19.	117411.429	342.654	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	8	121.	143.125	267.	89.	4215.839	64.929	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	1	87.	87.	87.	87.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	4	8.5	9.	17.5	1.5	63.167	7.948	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	4	20.	17.5	20.	10.	25.	5.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	4	320.	293.75	360.	175.	7039.583	83.902	**	**	**	**
00400 PH (STANDARD UNITS)	10/01/68-05/16/86	4	7.85	7.762	8.	7.35	0.082	0.287	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	4	7.847	7.682	8.	7.35	0.091	0.301	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	4	0.014	0.021	0.045	0.01	0.	0.016	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	06/01/74-05/16/86	4	0.25	0.213	0.3	0.05	0.014	0.118	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	4	0.23	0.243	0.49	0.02	0.066	0.258	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	10/01/68-05/16/86	4	35.	32.25	39.	20.	70.917	8.421	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	4	5.95	5.65	6.8	3.9	1.563	1.25	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	10/01/68-05/16/86	4	20.	17.475	23.	6.9	54.369	7.374	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	4	2.8	2.775	3.	2.5	0.049	0.222	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	4	29.	27.25	38.	13.	140.917	11.871	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	4	20.	21.	29.	15.	34.	5.831	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	4##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	4	4.	3.8	4.9	2.3	1.347	1.16	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	4	37.	37.75	44.	33.	21.583	4.646	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	4	182.5	166.	197.	102.	1955.333	44.219	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	90	23.5	23.133	29.5	13.	10.909	3.303	18.	21.	25.5	27.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	66	691.5	2621.682	57300.	251.	74190258.251	8613.377	334.8	530.5	1230.	2910.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/76-05/16/86	24	624.	997.333	4900.	301.	1026784.232	1013.304	396.5	472.	1032.5	2300.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	84	30.	34.119	100.	2.	471.359	21.711	10.	18.5	49.5	70.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	90	355.	380.644	805.	108.	20247.086	142.292	211.4	290.	453.25	569.4
00300	OXYGEN, DISSOLVED MG/L	01/04/79-05/16/86	16	7.6	7.706	9.2	6.8	0.673	0.82	6.87	7.	8.35	9.2
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	67	7.6	7.603	8.3	7.	0.075	0.273	7.3	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	67	7.6	7.526	8.3	7.	0.081	0.284	7.3	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	67	0.025	0.03	0.1	0.005	0.	0.018	0.01	0.016	0.04	0.05
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/72-08/22/79	10	6.1	6.26	12.	2.2	8.649	2.941	2.26	3.625	8.525	11.66
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	77	94.	95.494	144.	38.	459.727	21.441	64.4	84.	110.5	118.4
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	74	114.5	116.973	175.	46.	656.794	25.628	80.	102.	135.5	145.
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	51	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	39###	0.005	0.008	0.04	0.	0.	0.007	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	45	0.3	0.267	0.69	0.	0.027	0.165	0.058	0.1	0.37	0.502
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	39	0.3	0.284	0.7	0.03	0.026	0.162	0.05	0.2	0.4	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	33	0.55	0.88	8.6	0.	2.233	1.494	0.	0.045	1.05	1.68
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	41	0.21	0.303	2.8	0.005	0.218	0.466	0.005	0.015	0.385	0.58
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	82	138.5	135.72	230.	50.	1310.476	36.2	85.3	110.	160.	178.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	79	40.	39.494	94.	0.	409.869	20.245	13.	26.	52.	67.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	90	42.5	42.556	79.	16.	140.632	11.859	26.1	35.	50.	55.9
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/01/68-05/16/86	90	6.7	6.621	10.	2.4	2.878	1.696	4.05	5.675	7.725	8.79
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	90	20.	25.367	80.	3.	288.87	16.996	9.1	14.	34.25	51.6
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	82	0.8	0.939	2.5	0.2	0.289	0.537	0.4	0.6	1.3	1.8
00932	SODIUM, PERCENT	10/01/68-11/25/85	82	25.	26.293	47.	8.	81.568	9.031	16.	20.	34.	39.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	90	3.05	3.287	7.8	1.1	1.669	1.292	2.	2.4	4.	5.09
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	89	33.	37.73	120.	2.	561.54	23.697	9.	21.	52.	64.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	89	35.	39.371	94.	11.	333.418	18.26	21.	28.	46.5	64.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	90	0.2	0.172	0.4	0.05	0.006	0.08	0.1	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	89	5.3	5.098	7.2	1.1	1.39	1.179	3.5	4.5	5.8	6.5
01046	IRON, DISSOLVED (UG/L AS Fe)	10/01/68-05/16/86	81	20.	38.148	1000.	0.	12429.628	111.488	5.	5.	40.	50.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/01/68-05/16/86	85	236.	244.918	470.	92.	7034.076	83.869	146.4	188.	290.	367.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	77	220.	229.61	448.	76.	6214.688	78.833	149.	175.5	266.5	338.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	77	422.	502.221	1740.	236.	73034.306	270.249	295.6	355.	553.	782.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	77	0.33	0.34	0.64	0.13	0.013	0.115	0.21	0.26	0.41	0.5
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	71	1.	1.127	3.1	0.	0.508	0.713	0.3	0.6	1.5	2.28
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	27	0.	0.019	0.13	0.	0.001	0.031	0.	0.	0.03	0.044

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	141	6.5	6.975	19.5	0.	20.298	4.505	1.5	4.	9.25	14.
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	102	2390.	3875.118	31100.	249.	27120923.828	5207.775	593.8	1155.	4447.5	7768.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/76-05/16/86	39	1660.	3543.795	45300.	356.	52453817.904	7242.501	539.	880.	3550.	7400.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	140	20.	24.693	120.	0.	391.941	19.797	5.	10.	30.	49.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	141	205.	246.156	800.	70.	17057.661	130.605	120.8	160.	318.	414.
00300	OXYGEN, DISSOLVED MG/L	01/04/79-05/16/86	19	11.4	11.616	13.2	9.2	1.189	1.09	10.4	10.8	12.6	13.2
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	106	7.5	7.483	8.3	6.	0.092	0.304	7.1	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	106	7.5	7.331	8.3	6.	0.116	0.34	7.1	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	106	0.032	0.047	1.	0.005	0.009	0.096	0.013	0.02	0.05	0.079
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/72-08/22/79	25	4.8	7.372	64.	2.2	143.647	11.985	2.82	3.9	5.5	10.5
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	121	62.	65.058	140.	19.	575.288	23.985	39.	48.	80.	99.6
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	118	76.	79.356	171.	23.	875.701	29.592	46.7	57.5	98.	122.1
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	83	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	59###	0.005	0.011	0.07	0.005	0.	0.012	0.005	0.005	0.01	0.02

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	82	0.22	0.234	0.72	0.	0.018	0.134	0.063	0.108	0.32	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	58	0.3	0.29	0.7	0.01	0.017	0.131	0.089	0.2	0.4	0.41
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	61	0.12	0.439	4.	0.	0.467	0.683	0.	0.	0.61	1.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	71	0.08	0.158	1.3	0.005	0.048	0.219	0.005	0.005	0.2	0.46
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	131	78.	89.511	250.	30.	1660.99	40.755	48.2	62.	110.	140.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	123	16.	23.61	120.	0.	399.814	19.995	8.	12.	31.	50.2
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	141	24.	28.394	81.	9.6	177.547	13.325	15.	20.	35.	45.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	141	4.	4.477	11.	1.3	3.022	1.738	2.7	3.2	5.4	6.74
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	141	10.	14.051	82.	1.4	158.93	12.607	3.96	6.	18.	30.4
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	132	0.5	0.607	2.5	0.1	0.159	0.398	0.2	0.3	0.775	1.1
00932	SODIUM, PERCENT	10/01/68-11/25/85	132	21.	22.174	45.	7.	55.015	7.417	14.	17.	25.	34.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	141	1.7	2.13	6.9	0.5	1.231	1.109	1.2	1.4	2.65	3.5
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	141	14.	21.255	120.	3.	419.12	20.472	6.	9.5	27.5	45.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	141	20.	25.22	96.	8.	211.43	14.541	13.	16.	30.5	44.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	141	0.1	0.133	0.6	0.	0.006	0.08	0.05	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/01/68-05/16/86	140	5.	4.771	6.7	0.5	1.158	1.076	3.22	4.325	5.5	5.89
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	140	30.	34.929	470.	0.	1956.369	44.231	5.	12.5	43.	60.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	140	124.5	150.257	492.	53.	6494.682	80.59	81.	93.5	183.5	260.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	131	120.	141.496	479.	42.	5796.344	76.134	71.4	90.	175.	249.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	128	695.5	1050.625	15900.	318.	2431010.787	1559.17	405.	497.	1085.	1595.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	130	0.175	0.206	0.67	0.07	0.012	0.111	0.11	0.13	0.25	0.359
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	115	0.9	1.023	3.2	0.	0.364	0.603	0.26	0.6	1.3	1.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	45	0.	0.024	0.1	0.	0.001	0.03	0.	0.	0.03	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-05/16/86	75	17.	17.247	25.5	7.	21.266	4.612	10.8	14.	21.	23.4
00060	FLOW, STREAM, MEAN DAILY CFS	10/14/68-09/15/76	54	2340.	3799.037	42400.	354.	33970188.829	5828.395	731.	1277.5	5030.	6720.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/15/76-05/16/86	21	1590.	2525.19	9710.	788.	6146123.962	2479.138	826.	1021.5	2565.	7252.
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/68-05/16/86	75	15.	16.693	40.	0.	91.945	9.589	5.	10.	25.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/68-05/16/86	75	212.	231.173	469.	82.	8134.659	90.192	122.8	155.	295.	351.8
00300	OXYGEN, DISSOLVED MG/L	01/04/79-05/16/86	11	9.3	9.245	11.	7.6	1.263	1.124	7.64	7.9	9.9	10.92
00400	PH (STANDARD UNITS)	10/01/68-05/16/86	59	7.4	7.446	8.7	6.9	0.121	0.349	7.	7.2	7.6	8.
00400	CONVERTED PH (STANDARD UNITS)	10/01/68-05/16/86	59	7.4	7.34	8.7	6.9	0.133	0.364	7.	7.2	7.6	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/68-05/16/86	59	0.04	0.046	0.126	0.002	0.001	0.028	0.01	0.025	0.063	0.1
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/72-08/22/79	13	4.8	4.631	7.6	1.2	3.339	1.827	1.84	3.5	5.8	7.56
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/68-08/27/80	64	64.5	65.672	113.	26.	393.621	19.84	39.	50.25	79.75	95.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/68-08/22/79	62	78.5	80.5	138.	32.	590.057	24.291	48.	61.75	97.75	116.5
00445	CARBONATE ION (MG/L AS CO3)	10/01/68-08/22/79	46	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/74-05/16/86	32 ##	0.005	0.008	0.03	0.	0.	0.006	0.005	0.005	0.01	0.017
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/71-01/06/86	39	0.1	0.132	0.45	0.	0.013	0.114	0.02	0.04	0.22	0.29
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/01/74-05/16/86	32	0.2	0.179	0.5	0.03	0.016	0.125	0.04	0.05	0.3	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/01/73-02/28/83	29	0.15	0.423	2.8	0.	0.466	0.683	0.	0.03	0.625	1.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/73-05/16/86	36	0.05	0.142	0.9	0.005	0.044	0.211	0.005	0.01	0.21	0.399
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/68-11/25/85	68	82.	86.632	170.	36.	912.982	30.216	51.8	62.25	108.	133.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/01/68-07/22/81	66	15.5	20.955	66.	5.	181.983	13.49	9.	12.	25.	42.3
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/01/68-05/16/86	75	26.	27.667	54.	11.	94.82	9.738	16.6	20.	34.	43.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/68-05/16/86	75	4.3	4.407	7.3	1.8	1.568	1.252	2.7	3.4	5.3	6.14
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/01/68-05/16/86	75	9.8	11.321	46.	1.9	65.299	8.081	3.64	5.7	14.	22.4
00931	SODIUM ADSORPTION RATIO	10/01/68-11/25/85	68	0.4	0.491	1.7	0.1	0.081	0.284	0.2	0.3	0.6	0.9
00932	SODIUM, PERCENT	10/01/68-11/25/85	68	18.5	19.397	41.	8.	37.079	6.089	12.9	15.	23.	28.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/68-05/16/86	75	1.8	1.849	4.7	0.9	0.497	0.705	1.1	1.3	2.2	2.64
00940	CHLORIDE, TOTAL IN WATER MG/L	10/01/68-05/16/86	75	14.	17.707	56.	1.	148.399	12.182	5.6	9.	22.	35.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/68-05/16/86	75	19.	21.427	53.	9.	87.275	9.342	12.	14.	26.	34.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/68-05/16/86	75	0.1	0.135	0.5	0.	0.008	0.087	0.05	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/68-05/16/86	75	4.4	4.177	8.5	0.2	2.376	1.541	2.16	3.	5.4	5.74
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/68-05/16/86	75	20.	24.227	160.	0.	922.07	30.366	0.	5.	30.	50.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/68-05/16/86	74	131.5	142.27	312.	58.	3215.186	56.703	83.5	101.75	172.5	225.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/68-11/25/85	68	115.5	128.206	278.	51.	2669.181	51.664	71.9	85.5	155.75	207.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/14/68-02/28/83	68	729.	974.779	7670.	273.	863810.503	929.414	437.5	588.	1175.	1611.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/68-02/28/83	68	0.175	0.192	0.42	0.08	0.006	0.08	0.11	0.13	0.238	0.311
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/68-01/17/83	59	0.3	0.55	2.	0.	0.312	0.558	0.	0.1	0.9	1.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/74-01/17/83	22	0.	0.016	0.1	0.	0.001	0.029	0.	0.	0.03	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0092

NPS Station ID: BLRI0092 LAT/LON: 37.443892/ -79.698616
 Location: OFF RT. 617 SOUTH OF BLUE RIDGE PKY (BEDFORD CO)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4AXKE001.56
 Within Park Boundary: No

Date Created: 05/01/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: UNN TRIB TO NORTH FK GOOSE CRK SECTION: 05A TOPO MAP #: 0041 TOPO MAP NAME: MONTVALE, VA

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0093

NPS Station ID: BLRI0093 LAT/LON: 37.516115/ -79.709727
 Location: STATION #3 RT.625 BRIDGE (BOTETOURT COUNTY)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201 Depth of Water: 0
 Major Basin: 02-NORTH ATLANTIC Elevation: 0
 Minor Basin: 2-JAMES
 RF1 Index: 02080201 RF1 Mile Point: 0.000
 RF3 Index: 02080201004200.46 RF3 Mile Point: 0.46

Agency: 21VASWCB
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 2-LMC000.40
 Within Park Boundary: No

Date Created: 08/15/92

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 2- JAMES REGION: 2 WEST CENTRAL
 RIVER: LOONEY CREEK SECTION: 12 TOPO MAP #: 0041 TOPO MAP NAME: BUCHANAN, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.08

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0093

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/92-10/02/95	6	17.	14.617	23.1	3.	52.758	7.263	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/04/92-10/02/95	6	300.	305.	380.	260.	1670.	40.866	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/05/94-10/02/95	5	10.	10.58	14.4	8.3	5.992	2.448	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/04/92-08/04/92	1	9.2	9.2	9.2	0.	0.	0.	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/05/94-10/02/95	5	7.	6.2	11.	2.5	13.575	3.684	**	**	**
00400	PH (STANDARD UNITS)	08/04/92-10/02/95	6	8.4	8.592	9.55	8.1	0.296	0.544	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/92-10/02/95	6	8.4	8.402	9.55	8.1	0.339	0.583	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/92-10/02/95	6	0.004	0.004	0.008	0.	0.	0.003	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/05/94-10/02/95	5	3.3	3.08	5.8	0.5	3.667	1.915	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/92-10/02/95	6	232.	228.	242.	210.	240.	15.492	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/92-10/02/95	6	550.	908.333	2200.	50.	950416.667	974.893	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/92-10/02/95	6	2.628	2.6	3.342	1.699	0.486	0.697	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			397.755							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0093

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	6	1	0.17	4	1	0.25	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	4	0.67	4	4	1.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0094

NPS Station ID: BLRI0094
 Location: ROANOKE R AT RTE 634 HARDY BRDG
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: SOUTHEAST
 Minor Basin: ROANOKE RIVER
 RF1 Index: 03010101028
 RF3 Index: 03010103108900.00
 Description:

LAT/LON: 37.219448/ -79.797226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 2.740
 RF3 Mile Point: 0.86

Agency: 1113WSWQ
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): ER41
 Within Park Boundary: No

Date Created: 05/31/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.00
 Distance from RF3: 0.58

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/79-05/02/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/02/79-05/02/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/02/79-05/02/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/79-05/02/79	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/02/79-05/02/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/02/79-05/02/79	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/02/79-05/02/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/02/79-05/02/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/02/79-05/02/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/02/79-05/02/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	05/02/79-05/02/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/02/79-05/02/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/79-05/02/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/02/79-05/02/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0094

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
	Drinking Water	5.	1	1	1.00							1	1	1.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	1	0	0.00							1	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	1	1	1.00							1	1	1.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
	Drinking Water	6.	1	0	0.00							1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
	Drinking Water	3.	1	0	0.00							1	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
	Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0095

NPS Station ID: BLRI0095
 Location: SMITH MTN. LAKE, HARDYS FORD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 03010101002801.34

LAT/LON: 37.220003/ -79.798892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.41

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4AROA192.55
 Within Park Boundary: No

Date Created: 10/10/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.40
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD LAKE STUDIES BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ROANOKE RIVER SECTION: 05 TOPO MAP #: 0035 TOPO MAP NAME: HARDY, VA

Parameter Inventory for Station: BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	223	19.3	17.956	31.	0.	69.637	8.345	5.62	10.2	25.6	27.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/88-06/25/92	37	9.4	24.105	352.	2.	3691.312	60.756	3.48	4.45	13.95	34.4
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/94-09/25/95	13	10.5	18.169	90.	3.9	506.622	22.508	4.78	8.8	15.1	66.
00080	COLOR (PLATINUM-COBALT UNITS)	03/21/91-02/24/93	19	28.	36.263	138.	10.	762.649	27.616	14.	21.	41.	55.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	171	260.	255.789	490.	25.	7653.297	87.483	150.	190.	320.	370.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	67	324.	332.328	1600.	134.	29238.224	170.992	196.6	276.	360.	401.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	42	10.05	9.986	12.8	7.1	2.33	1.526	7.93	8.75	11.1	12.34
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	181	10.2	9.972	16.8	1.	7.146	2.673	7.2	8.4	11.6	12.96
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	183	2.	2.69	9.3	0.5	2.696	1.642	1.	2.	3.	5.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	176	10.	10.307	56.	0.5	36.574	6.048	4.	7.	13.	17.
00400	PH (STANDARD UNITS)	07/07/71-09/25/95	224	8.31	8.322	10.	6.3	0.403	0.634	7.5	8.	8.7	9.1
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	224	8.31	7.834	10.	6.3	0.641	0.801	7.5	8.	8.7	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	224	0.005	0.015	0.501	0.	0.002	0.04	0.001	0.002	0.01	0.032
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	93	8.1	7.996	9.2	6.4	0.177	0.421	7.4	7.8	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	93	8.1	7.73	9.2	6.4	0.249	0.499	7.4	7.8	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	93	0.008	0.019	0.398	0.001	0.002	0.043	0.004	0.005	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	91	118.	114.176	293.	30.	898.258	29.971	74.8	104.	129.	134.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/72-07/20/72	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	83	204.	204.373	350.	105.	1541.603	39.263	156.6	177.	229.	250.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	83	49.	47.651	90.	0.	188.352	13.724	30.4	39.	55.	62.6
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	83	158.	155.337	260.	72.	1031.226	32.113	115.8	132.	178.	191.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	182	10.	13.245	120.	0.5	259.378	16.105	2.5	6.	15.	24.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	181	3.	4.227	40.	0.	19.723	4.441	1.	2.25	5.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	182	6.	9.53	104.	0.	201.404	14.192	2.	3.	11.	18.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	213	0.06	0.126	1.5	0.01	0.034	0.185	0.04	0.05	0.11	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	214	0.02	0.049	3.199	0.005	0.053	0.23	0.005	0.01	0.04	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	214	0.8	0.849	2.72	0.01	0.231	0.48	0.285	0.548	1.07	1.47
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	212	0.5	0.568	3.	0.05	0.142	0.376	0.215	0.3	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	178	0.1	0.094	1.	0.05	0.008	0.092	0.05	0.05	0.1	0.123
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	144	0.02	0.05	3.	0.005	0.062	0.249	0.01	0.01	0.03	0.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	171	4.	4.75	30.5	0.5	10.506	3.241	2.	2.8	6.	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	103	140.	136.864	364.	64.	1096.354	33.111	102.	122.	154.	162.
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/28/92-07/28/92	1	16490.	16490.	16490.	16490.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-09/25/95	72	14.	15.333	35.	3.	39.746	6.304	7.	11.	20.	23.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	73	24.	23.753	38.	4.	46.883	6.847	15.	18.5	29.	32.
00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	46	0.18	0.189	0.51	0.05	0.008	0.091	0.05	0.13	0.25	0.3
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/02/89-01/28/93	38	8.3	8.224	13.	3.9	3.832	1.958	5.83	6.875	9.6	11.1
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-07/28/92	19##	1.	2.605	10.	0.5	7.211	2.685	0.5	0.5	5.	6.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/81-06/25/92	4	5.45	5.6	9.	2.5	8.673	2.945	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	2##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-07/28/92	21##	2.5	3.619	25.	0.5	28.348	5.324	0.5	0.5	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	4##	0.28	0.781	2.5	0.065	1.345	1.16	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	4	13.45	15.975	26.	11.	47.403	6.885	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-07/28/92	23##	5.	6.087	40.	0.5	60.492	7.778	0.5	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-07/28/92	23##	5.	6.413	20.	2.5	12.969	3.601	5.	5.	5.	10.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/18/81-06/25/92	4	46.6	96.325	270.	22.1	13625.809	116.73	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/10/87-07/28/92	8	230.	3461.75	25150.	100.	76953315.929	8772.304	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-07/28/92	24##	5.	5.375	14.	1.	8.418	2.901	2.	4.25	5.75	10.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/81-06/25/92	4	46.15	58.95	116.	27.5	1657.31	40.71	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/10/87-07/28/92	8	27.5	128.125	765.	20.	66778.125	258.415	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	2##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/01/73-06/15/76	4##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	14##	5.	5.893	10.	2.5	5.391	2.322	3.75	5.	6.25	10.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/25/92	4	9.8	11.4	18.1	7.9	20.78	4.559	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-07/28/92	23	10.	18.478	60.	5.	204.715	14.308	5.	10.	26.	42.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/81-06/25/92	4	167.5	315.75	810.	118.	109318.917	330.634	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	6##	3.	4.5	10.	0.5	21.	4.583	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/10/87-06/25/92	2##	3.25	3.25	4.	2.5	1.125	1.061	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/25/95	212##	50.	506.226	8000.	50.	1688966.735	1299.603	50.	50.	200.	1270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/25/95	212##	1.699	2.092	3.903	1.699	0.355	0.596	1.699	1.699	2.301	3.104
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.644								
32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-05/18/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/82-11/10/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	0.	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	07/28/92-07/28/92	1	150.	150.	150.	150.	0.	0.	**	**	**	
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	08/11/71-06/15/76	34##	0.05	0.093	0.5	0.05	0.008	0.091	0.05	0.05	0.1	
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-09/25/95	69	0.03	0.042	0.16	0.005	0.002	0.04	0.005	0.01	0.05	
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-06/25/92	22##	0.2	0.205	0.3	0.15	0.003	0.058	0.15	0.15	0.25	
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-06/25/92	4##	0.1	0.125	0.25	0.05	0.008	0.087	**	**	**	
77825	ALACHLOR WHOLE WATER,UG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	
82032	CALCIUM - TOTAL UG/L (AS CA)	07/28/92-07/28/92	1	32910.	32910.	32910.	32910.	0.	0.	**	**	**	
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/28/92-06/23/94	23	6.2	16.57	185.	2.2	1396.655	37.372	3.22	4.9	11.5	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0095

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	37	3	0.08	9	1	0.11	18	1	0.06	10	1	0.10			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	1	0.08	5	0	0.00	5	0	0.00	3	1	0.33			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	12	0	0.00	18	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	181	5	0.03	64	3	0.05	69	2	0.03	48	0	0.00			
00400	PH	Other-Hi Lim.	9.	224	36	0.16	76	28	0.37	88	2	0.02	60	6	0.10			
		Other-Lo Lim.	6.5	224	1	0.00	76	0	0.00	88	1	0.01	60	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	93	1	0.01	28	1	0.04	41	0	0.00	24	0	0.00			
		Other-Lo Lim.	6.5	93	1	0.01	28	1	0.04	41	0	0.00	24	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	214	2	0.01	69	1	0.01	88	0	0.00	57	1	0.02			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	214	0	0.00	69	0	0.00	88	0	0.00	57	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	72	0	0.00	18	0	0.00	33	0	0.00	21	0	0.00			
		Drinking Water	250.	72	0	0.00	18	0	0.00	33	0	0.00	21	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	73	0	0.00	17	0	0.00	35	0	0.00	21	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	10	0	0.00	23	0	0.00	13	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	19	0	0.00	11	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	50.	19	0	0.00	11	0	0.00	1	0	0.00	7	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	4.	1 &	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13 &	1	0.08	9	1	0.11	1	0	0.00	3	0	0.00			
		Drinking Water	5.	13 &	1	0.08	9	1	0.11	1	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	23	0	0.00	15	0	0.00	1	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	23	1	0.04	15	1	0.07	1	0	0.00	7	0	0.00			
		Drinking Water	1300.	23	0	0.00	15	0	0.00	1	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	15	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	15.	24	0	0.00	15	0	0.00	2	0	0.00	7	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	1 &	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	100.	4	0	0.00	3	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	100.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	23	0	0.00	15	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	5000.	23	0	0.00	15	0	0.00	1	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0095

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH		212	62	0.29	73	14	0.19	82	26	0.32	57	22	0.39			
34356	ENDOSULFAN, BETA, TOTAL	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	0.22	1	0	0.00				1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	0.6	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	0.73	1	0	0.00				1	0	0.00						
	Drinking Water	3.	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	40.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	3.	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39700	HEXACHLOROENZENE IN WHOLE WATER SAMPLE	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	70.	1	0	0.00				1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	50.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	2.4	22	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00			
	Drinking Water	2.	22	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00			
82078	TURBIDITY, FIELD	50.	23	1	0.04	6	0	0.00	11	1	0.09	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	6	26.15	25.767	28.3	20.6	7.635	2.763	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	6	10.7	10.45	15.5	7.2	8.671	2.945	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	6	9.1	9.017	10.	7.7	0.566	0.752	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	6	9.089	8.408	10.	7.7	1.01	1.005	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	6	0.001	0.004	0.02	0.	0.	0.008	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.19	0.19	0.3	0.08	0.024	0.156	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.06	0.06	0.11	0.01	0.005	0.071	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.15	0.15	0.27	0.03	0.029	0.17	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	2	1.2	1.2	1.5	0.9	0.18	0.424	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	6##	50.	66.667	100.	50.	666.667	25.82	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	6##	1.699	1.799	2.	1.699	0.024	0.155	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			62.996								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	8	23.6	24.163	30.	20.	10.114	3.18	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	8	11.65	11.388	16.8	4.8	16.527	4.065	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	2	3.2	3.2	3.4	3.	0.08	0.283	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	8	8.95	8.8	10.	7.5	0.931	0.965	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	8	8.882	8.054	10.	7.5	1.568	1.252	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	8	0.001	0.009	0.032	0.	0.014	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.115	0.256	0.83	0.08	0.069	0.262	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.07	0.456	3.199	0.01	1.23	1.109	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.37	0.339	0.88	0.01	0.082	0.287	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	8	0.8	0.912	1.399	0.6	0.09	0.299	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8##	50.	76.25	210.	50.	3226.786	56.805	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8##	1.699	1.815	2.322	1.699	0.053	0.231	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			65.239								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	9	26.1	23.467	27.8	17.2	22.353	4.728	17.2	17.8	27.8	27.8
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	9	9.	9.933	15.6	6.9	7.557	2.749	6.9	7.95	12.	15.6
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	9	8.8	8.756	9.7	8.	0.358	0.598	8.	8.15	9.3	9.7
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	9	8.8	8.451	9.7	8.	0.462	0.68	8.	8.15	9.3	9.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	9	0.002	0.004	0.01	0.	0.	0.004	0.	0.001	0.008	0.01
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	2	231.5	231.5	247.	216.	480.5	21.92	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	2	62.	62.	66.	58.	32.	5.657	**	**	**	**

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	2	157.	157.	181.	133.	1152.	33.941	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.15	0.169	0.3	0.05	0.014	0.119	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.035	0.048	0.2	0.005	0.004	0.064	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	8	0.35	0.348	0.65	0.01	0.071	0.266	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	8	0.85	0.837	1.099	0.6	0.031	0.177	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	7##	50.	100.	200.	50.	5000.	70.711	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	7##	1.699	1.914	2.301	1.699	0.082	0.286	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	7##	1.699	1.914	2.301	1.699	0.082	0.286	**	**	**	**
	GEOMETRIC MEAN =			82.034									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	8	25.3	24.238	27.2	15.6	13.751	3.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	8	10.9	10.625	15.	7.4	7.034	2.652	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	8	9.	9.012	9.7	8.5	0.15	0.387	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	8	9.	8.883	9.7	8.5	0.169	0.411	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	8	0.001	0.001	0.003	0.	0.	0.001	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	5##	0.05	0.11	0.3	0.05	0.012	0.108	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	5	0.04	0.05	0.07	0.04	0.	0.014	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	5	0.41	0.456	0.86	0.02	0.117	0.342	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	5	0.5	0.98	3.	0.3	1.287	1.134	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8##	50.	56.25	100.	50.	312.5	17.678	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8##	1.699	1.737	2.	1.699	0.011	0.106	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8##	1.699	1.737	2.	1.699	0.011	0.106	**	**	**	**
	GEOMETRIC MEAN =			54.525									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	9	25.6	24.633	28.9	15.6	15.148	3.892	15.6	23.3	26.95	28.9
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	9	11.	10.322	16.	4.4	14.089	3.754	4.4	7.	13.2	16.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	3	5.	4.333	6.	2.	4.333	2.082	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	9	9.	8.7	9.7	7.8	0.445	0.667	7.8	7.9	9.	9.7
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	9	9.	8.283	9.7	7.8	0.641	0.8	7.8	7.9	9.	9.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	9	0.001	0.005	0.016	0.	0.	0.007	0.	0.001	0.013	0.016
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	9##	0.05	0.25	1.099	0.05	0.146	0.382	0.05	0.05	0.4	1.099
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.07	0.078	0.13	0.03	0.001	0.034	0.03	0.045	0.105	0.13
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.33	0.37	0.69	0.06	0.038	0.196	0.06	0.24	0.55	0.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	9	0.6	0.6	1.099	0.3	0.072	0.269	0.3	0.35	0.8	1.099
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9##	50.	322.222	2500.	50.	666944.444	816.667	50.	50.	50.	2500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9##	1.699	1.888	3.398	1.699	0.321	0.566	1.699	1.699	1.699	3.398
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9##	1.699	1.888	3.398	1.699	0.321	0.566	1.699	1.699	1.699	3.398
	GEOMETRIC MEAN =			77.223									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	2	22.75	22.75	24.4	21.1	5.445	2.333	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	2	5.4	5.4	6.	4.8	0.72	0.849	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.205	0.205	0.23	0.18	0.001	0.035	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	2	0.695	0.695	0.72	0.67	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	2	1.4	1.4	1.799	1.	0.319	0.565	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	2 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		50.	50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	6	18.5	18.333	27.	9.	63.067	7.941	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	6	225.	230.333	332.	150.	6120.667	78.235	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	6	8.2	8.433	11.	6.8	2.103	1.45	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	6	3.	3.	5.	1.	2.	1.414	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	6	11.	12.	24.	3.	82.4	9.077	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	6	8.2	8.217	9.2	7.2	0.622	0.788	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	6	7.96	7.748	9.2	7.2	0.885	0.941	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	6	0.011	0.018	0.063	0.001	0.001	0.024	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	5	188.	190.8	263.	137.	2347.2	48.448	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	5	30.	28.6	49.	0.	322.8	17.967	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	5	152.	144.2	173.	107.	659.7	25.685	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	6	8.	13.	46.	2.5	273.1	16.526	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	6	3.25	3.333	5.	1.	2.567	1.602	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	6	5.5	10.5	41.	2.5	225.8	15.027	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	5 ##	0.05	0.07	0.1	0.05	0.001	0.027	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	6	0.02	0.015	0.02	0.005	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	6	0.65	0.727	1.2	0.46	0.079	0.28	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	6	0.35	0.333	0.6	0.1	0.043	0.207	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	6 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	6	0.015	0.031	0.11	0.005	0.002	0.04	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	6	8.	7.	10.	2.	7.6	2.757	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	6 ##	50.	1416.667	8000.	50.	10411666.667	3226.711	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	6 ##	1.699	2.196	3.903	1.699	0.796	0.892	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		157.042	157.042								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	9	11.3	13.178	23.	6.	41.357	6.431	6.	7.55	19.5	23.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	280.	248.222	365.	40.	9758.444	98.785	40.	201.	323.	365.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	9	9.	9.278	11.	8.2	0.714	0.845	8.2	8.9	9.75	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	9	2.	2.222	4.	1.	0.944	0.972	1.	1.5	3.	4.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	9	5.	6.833	18.	0.5	25.875	5.087	0.5	4.	9.5	18.
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	9	8.	7.811	8.5	6.8	0.279	0.528	6.8	7.45	8.15	8.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	9	8.	7.484	8.5	6.8	0.399	0.632	6.8	7.45	8.15	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	9	0.01	0.033	0.158	0.003	0.003	0.05	0.003	0.008	0.042	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	9	8.	13.278	58.	2.5	295.819	17.199	2.5	5.	13.	58.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	9	3.	6.556	38.	2.	139.215	11.799	2.	2.25	3.	38.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	9	5.	7.278	20.	2.	36.069	6.006	2.	2.75	11.5	20.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	9###	0.05	0.094	0.3	0.05	0.007	0.081	0.05	0.05	0.1	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.01	0.015	0.03	0.005	0.	0.01	0.005	0.005	0.025	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	1.18	1.253	2.4	0.5	0.326	0.571	0.5	0.8	1.55	2.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	9	0.3	0.322	0.5	0.2	0.007	0.083	0.2	0.3	0.35	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	9	0.1	0.089	0.1	0.05	0.	0.022	0.05	0.075	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	9	0.02	0.022	0.05	0.005	0.	0.014	0.005	0.01	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	9	6.	7.111	10.	5.	3.111	1.764	5.	6.	9.	10.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8###	50.	62.5	100.	50.	535.714	23.146	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8###	1.699	1.774	2.	1.699	0.019	0.139	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			59.46								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	12	15.4	16.5	31.	4.	94.158	9.704	4.6	8.025	26.225	31.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	301.	303.818	435.	190.	6414.164	80.088	191.	210.	380.	424.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	12	11.6	11.908	16.8	8.8	4.712	2.171	9.04	10.325	13.1	16.02
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	2.5	3.75	9.	1.	6.568	2.563	1.3	2.	6.	8.4
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	10.	12.25	24.	3.	45.841	6.771	4.2	8.	19.	23.7
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.75	8.704	9.8	7.7	0.399	0.632	7.805	8.2	9.2	9.62
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.747	8.346	9.8	7.7	0.539	0.734	7.805	8.2	9.2	9.62
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	12	0.002	0.005	0.02	0.	0.	0.006	0.	0.001	0.006	0.017
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	11.	12.167	25.	2.5	50.47	7.104	2.5	7.5	15.75	24.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	5.	4.417	7.	2.	3.129	1.769	2.	2.5	6.	6.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	6.5	8.167	20.	2.5	34.47	5.871	2.5	3.5	9.75	19.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12###	0.05	0.121	0.4	0.05	0.012	0.11	0.05	0.05	0.2	0.34
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.02	0.023	0.04	0.005	0.	0.012	0.005	0.013	0.03	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	1.45	1.378	2.3	0.12	0.553	0.744	0.15	0.825	2.025	2.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.5	0.525	1.1	0.1	0.067	0.26	0.13	0.35	0.675	0.98
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12###	0.05	0.1	0.5	0.05	0.016	0.128	0.05	0.05	0.1	0.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.03	0.278	3.	0.01	0.735	0.857	0.013	0.02	0.048	2.118
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	9.	8.5	16.	3.	13.364	3.656	3.3	5.25	10.75	14.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11###	50.	77.273	300.	50.	5681.818	75.378	50.	50.	50.	260.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11###	1.699	1.797	2.477	1.699	0.059	0.243	1.699	1.699	1.699	2.382
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			62.673								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	12	15.	15.583	27.9	0.	89.283	9.449	1.14	7.775	24.625	27.48
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	260.	265.	390.	160.	6718.182	81.965	161.5	181.25	328.75	384.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	12	10.2	9.9	12.6	6.8	3.284	1.812	7.16	8.1	11.3	12.42
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	2.	2.333	4.	1.	0.97	0.985	1.	2.	3.	4.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	8.5	10.083	18.	3.	18.992	4.358	3.9	7.25	14.	17.1
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.45	8.375	9.	6.9	0.313	0.559	7.26	8.2	8.775	8.94
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.382	7.851	9.	6.9	0.613	0.783	7.26	8.2	8.775	8.94

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	12	0.004	0.014	0.126	0.001	0.001	0.035	0.001	0.002	0.006	0.091
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	12.	19.667	104.	2.5	803.788	28.351	2.5	24.5	82.7	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	3.5	4.917	11.	2.5	8.72	2.953	2.5	7.5	10.4	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	5.	15.583	96.	2.5	707.811	26.605	2.5	15.	76.2	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12 ##	0.05	0.075	0.2	0.05	0.003	0.058	0.05	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.02	0.023	0.1	0.005	0.001	0.027	0.005	0.005	0.028	0.082
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	1.09	1.092	1.8	0.48	0.146	0.382	0.543	0.77	1.375	1.71
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.35	0.363	0.7	0.1	0.038	0.194	0.1	0.2	0.5	0.67
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.071	0.15	0.05	0.001	0.033	0.05	0.05	0.1	0.135
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.02	0.021	0.06	0.005	0.	0.016	0.007	0.01	0.028	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	5.	5.333	8.	2.	4.97	2.229	2.3	3.25	8.	8.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	50.	127.273	800.	50.	50181.818	224.013	50.	50.	100.	660.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	1.699	1.863	2.903	1.699	0.133	0.365	1.699	1.699	2.	2.722
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			72.974								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	12	15.4	16.025	26.	2.2	77.151	8.784	3.28	8.75	25.5	26.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	270.	295.5	480.	160.	11991.389	109.505	164.	215.	400.	478.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	12	10.4	10.492	14.	6.2	5.908	2.431	6.74	8.525	12.85	13.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	2.5	2.417	5.	1.	1.356	1.165	1.	1.25	3.	4.4
00340	COD, 25N K2CR2O7 MG/L	07/18/79-09/25/95	12	9.5	8.917	16.	4.	11.538	3.397	4.	6.25	11.	14.5
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.4	8.198	9.7	6.3	0.841	0.917	6.6	7.453	8.8	9.49
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.398	7.274	9.7	6.3	1.772	1.331	6.6	7.452	8.8	9.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	12	0.004	0.053	0.501	0.	0.02	0.142	0.	0.002	0.037	0.366
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	12.5	15.458	33.	2.5	103.43	10.17	3.55	7.	23.	32.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	4.5	4.958	11.	1.	10.566	3.251	1.3	2.125	7.5	10.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	6.5	10.708	31.	1.	102.203	10.11	1.3	2.625	17.25	29.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.015	0.102	1.08	0.005	0.095	0.308	0.005	0.005	0.02	0.765
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.94	0.988	1.9	0.02	0.335	0.579	0.149	0.51	1.525	1.87
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.35	0.475	1.4	0.15	0.127	0.356	0.15	0.3	0.575	1.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.062	0.12	0.05	0.001	0.027	0.05	0.05	0.05	0.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.02	0.035	0.12	0.005	0.002	0.041	0.007	0.01	0.038	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	4.	3.833	6.	1.	2.152	1.467	1.3	3.	4.75	6.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12 ##	50.	629.167	4200.	50.	1635208.333	1278.753	50.	50.	350.	3600.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12 ##	1.699	2.172	3.623	1.699	0.478	0.692	1.699	1.699	2.527	3.539
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			148.553								

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	10	18.65	16.79	28.	1.	81.939	9.052	1.78	9.1	25.3	27.82
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	297.5	261.5	370.	140.	7522.5	86.732	141.	172.5	332.5	367.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	10	10.3	10.33	13.4	7.6	2.88	1.697	7.66	9.175	11.65	13.24
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	10	2.	2.1	3.	1.	0.544	0.738	1.	1.75	3.	3.
00340	COD, 25N K2CR2O7 MG/L	07/18/79-09/25/95	10	8.5	8.2	13.	3.	12.622	3.553	3.	4.5	11.25	12.9
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	10	7.85	7.96	8.8	7.1	0.327	0.572	7.13	7.4	8.525	8.78
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	10	7.847	7.666	8.8	7.1	0.423	0.65	7.13	7.4	8.525	8.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	10	0.014	0.022	0.079	0.002	0.001	0.025	0.002	0.003	0.04	0.075

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	9.	11.55	24.	2.5	47.692	6.906	2.95	7.75	17.5	23.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	3.	3.75	7.	2.	2.736	1.654	2.	2.375	5.	6.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	5.5	8.05	19.	2.	37.803	6.148	2.05	2.875	14.	18.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	10 ##	0.05	0.1	0.2	0.05	0.005	0.071	0.05	0.05	0.2	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	10	0.025	0.034	0.14	0.01	0.001	0.039	0.01	0.01	0.033	0.13
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	10	0.65	0.702	1.1	0.35	0.06	0.245	0.359	0.515	0.94	1.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	10	0.45	0.42	0.6	0.3	0.013	0.114	0.3	0.3	0.5	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	10 ##	0.05	0.08	0.2	0.05	0.002	0.048	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	10	0.02	0.031	0.07	0.01	0.	0.022	0.01	0.018	0.048	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	10	5.5	5.65	13.	0.5	11.003	3.317	0.75	3.75	7.	12.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9	200.	390.	1200.	50.	170275.	412.644	50.	75.	750.	1200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9	2.301	2.335	3.079	1.699	0.274	0.524	1.699	1.849	2.874	3.079
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			216.421								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	11	21.	17.864	27.	5.1	71.487	8.455	5.18	9.	27.	27.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	310.	290.	385.	160.	4745.	68.884	170.	240.	340.	382.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	11	9.8	9.709	14.	6.8	5.379	2.319	6.88	7.2	11.2	13.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	11	2.	2.091	4.	1.	1.091	1.044	1.	1.	2.	4.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	11	8.	8.545	15.	4.	12.473	3.532	4.	6.	12.	14.6
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	11	8.	7.914	9.	7.15	0.287	0.536	7.16	7.5	8.	8.9
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	11	8.	7.662	9.	7.15	0.357	0.597	7.16	7.5	8.	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	11	0.01	0.022	0.071	0.001	0.001	0.024	0.001	0.01	0.032	0.069
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	1	179.	179.	179.	179.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	7.5	8.05	14.	2.5	12.247	3.5	2.75	5.75	10.75	13.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	3.5	3.55	6.	2.	1.692	1.301	2.	2.375	4.25	5.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	3.5	4.75	10.	1.	8.625	2.937	1.15	2.875	6.75	9.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.1	0.228	1.	0.05	0.096	0.31	0.05	0.05	0.3	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.02	0.023	0.04	0.01	0.	0.011	0.01	0.015	0.035	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	9	0.88	0.879	1.44	0.08	0.174	0.417	0.08	0.6	1.25	1.44
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	7	0.5	0.621	1.5	0.25	0.165	0.406	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	7 ##	0.05	0.086	0.2	0.05	0.003	0.056	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	9	0.02	0.044	0.2	0.005	0.004	0.062	0.005	0.015	0.05	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	11	4.	4.591	7.	0.5	3.641	1.908	1.	4.	6.	7.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	50.	327.273	2800.	50.	674681.818	821.39	50.	50.	100.	2280.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	1.699	1.995	3.447	1.699	0.273	0.522	1.699	1.699	2.	3.218
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			98.793								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	12	17.65	16.017	29.	4.	86.943	9.324	4.	5.7	25.375	28.61
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	302.	282.417	490.	80.	14021.902	118.414	101.	196.25	362.5	472.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	12	10.3	10.1	14.	7.8	3.007	1.734	7.98	8.55	11.2	13.28
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	2.	2.083	6.	1.	2.265	1.505	1.	1.	2.	5.4
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	9.	9.167	16.	3.	12.697	3.563	3.6	6.25	11.75	14.8
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.	7.908	8.8	7.	0.294	0.542	7.03	7.55	8.35	8.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.	7.608	8.8	7.	0.392	0.626	7.03	7.55	8.35	8.71
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	12	0.01	0.025	0.1	0.002	0.001	0.032	0.002	0.005	0.029	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	9.5	9.792	21.	2.5	38.203	6.181	2.5	3.125	14.25	20.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	2.75	3.208	6.	0.	2.748	1.658	0.6	2.125	4.75	5.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	6.5	7.208	16.	2.5	20.748	4.555	2.5	2.625	11.	14.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.1	0.354	1.5	0.05	0.219	0.468	0.05	0.05	0.675	1.32
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.035	0.033	0.08	0.01	0.	0.019	0.01	0.02	0.04	0.068
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.695	0.769	1.19	0.37	0.067	0.259	0.397	0.587	0.99	1.154
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.7	0.75	1.9	0.3	0.214	0.462	0.3	0.35	0.875	1.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.092	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.015	0.023	0.08	0.005	0.	0.021	0.007	0.01	0.03	0.068
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	5.	4.75	9.	3.	2.386	1.545	3.	4.	5.	7.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	8	142.	137.375	160.	104.	365.982	19.131	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12 ##	75.	633.333	5400.	50.	2341060.606	1530.052	50.	50.	475.	4080.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12 ##	1.849	2.142	3.732	1.699	0.446	0.668	1.699	1.699	2.584	3.513
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			138.685								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	16	18.9	17.506	29.2	4.8	83.663	9.147	5.15	7.5	25.3	29.13
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	190.	233.636	370.	150.	6345.455	79.658	152.	180.	320.	364.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	17	8.8	7.635	12.1	1.	13.586	3.686	1.	4.75	10.2	11.38
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	11	2.	2.273	6.	1.	2.218	1.489	1.	1.	3.	5.4
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	11	8.	8.409	21.	0.5	30.041	5.481	1.	5.	10.	19.4
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	17	8.1	7.929	9.1	6.8	0.377	0.614	7.04	7.35	8.31	8.7
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	17	8.1	7.54	9.1	6.8	0.539	0.734	7.04	7.35	8.31	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	17	0.008	0.029	0.158	0.001	0.002	0.042	0.002	0.005	0.047	0.095
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	10	7.95	7.89	8.4	7.1	0.181	0.425	7.13	7.55	8.225	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	10	7.925	7.687	8.4	7.1	0.227	0.476	7.13	7.55	8.225	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	10	0.012	0.021	0.079	0.004	0.001	0.024	0.004	0.006	0.029	0.075
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	10	116.	110.8	134.	53.	594.178	24.376	56.4	104.25	128.75	133.7
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	2	234.	234.	244.	224.	200.	14.142	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	2	28.	28.	32.	24.	32.	5.657	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	2	206.	206.	220.	192.	392.	19.799	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	14	6.	9.321	41.	2.5	105.6	10.276	2.5	2.5	13.5	28.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	13	2.5	3.385	10.	1.	6.465	2.543	1.	2.25	4.	8.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	14	2.75	6.929	36.	1.	82.879	9.104	1.75	2.5	7.75	25.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	14 ##	0.05	0.107	0.3	0.05	0.008	0.092	0.05	0.05	0.125	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	14	0.03	0.028	0.07	0.005	0.	0.018	0.005	0.009	0.04	0.055
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	14	0.93	0.904	1.33	0.51	0.052	0.227	0.535	0.748	1.078	1.225
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	14	0.45	0.507	0.9	0.2	0.055	0.234	0.2	0.3	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	14	0.1	0.114	0.4	0.05	0.009	0.093	0.05	0.05	0.113	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	14	0.02	0.04	0.14	0.005	0.002	0.04	0.008	0.01	0.06	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	8	4.	4.125	5.	3.	0.411	0.641	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	14	139.	132.714	165.	78.	683.604	26.146	90.	103.75	150.5	163.5
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	50.	1072.727	8000.	50.	5876181.818	2424.084	50.	50.	800.	6920.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	1.699	2.165	3.903	1.699	0.687	0.829	1.699	1.699	2.903	3.805
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			146.154								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	10	16.45	15.34	28.5	1.	109.563	10.467	1.19	4.4	25.975	28.33
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	195.	219.	380.	25.	11360.	106.583	36.5	155.	312.5	377.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	9	10.7	11.078	13.1	9.2	1.634	1.278	9.2	10.3	12.3	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	10	2.	2.05	5.	0.5	1.803	1.343	0.55	1.	3.	4.8
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	9.	7.65	11.	0.5	14.336	3.786	0.65	5.	11.	11.
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	10	8.35	8.205	8.9	7.4	0.267	0.517	7.41	7.65	8.625	8.88
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	10	8.347	7.929	8.9	7.4	0.351	0.593	7.41	7.65	8.625	8.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	10	0.004	0.012	0.04	0.001	0.	0.014	0.001	0.002	0.023	0.039
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	10	7.9	8.03	8.8	7.4	0.196	0.442	7.42	7.75	8.325	8.79
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	10	7.9	7.865	8.8	7.4	0.226	0.475	7.42	7.75	8.325	8.79
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	10	0.013	0.014	0.04	0.002	0.	0.012	0.002	0.005	0.018	0.038
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	8	112.	109.5	134.	86.	278.857	16.699	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	6.	6.55	12.	2.5	16.192	4.024	2.5	2.5	11.25	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	3.	3.65	7.	1.	3.392	1.842	1.15	2.5	5.25	6.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	2.75	3.7	8.	0.5	5.011	2.239	0.65	2.375	5.25	7.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.06	0.059	0.14	0.02	0.002	0.041	0.02	0.02	0.087	0.131
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.025	0.029	0.08	0.01	0.	0.018	0.013	0.02	0.03	0.068
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	1.115	1.317	2.72	0.67	0.375	0.612	0.712	0.908	1.768	2.534
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.46	0.493	0.8	0.2	0.024	0.155	0.26	0.4	0.6	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.1	0.3	0.05	0.005	0.067	0.05	0.05	0.1	0.24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.02	0.02	0.05	0.005	0.	0.014	0.005	0.006	0.03	0.044
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	8	2.55	2.438	3.3	1.5	0.514	0.717	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	10	139.	132.6	160.	96.	434.044	20.834	97.	110.5	147.25	158.8
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	50.	95.455	500.	50.	18227.273	135.008	50.	50.	50.	420.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11 ##	1.699	1.817	2.699	1.699	0.094	0.306	1.699	1.699	1.699	2.559
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			65.652								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	10	16.7	16.12	28.7	5.1	79.148	8.897	5.18	5.9	25.675	28.51
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	195.	217.556	363.	140.	5371.278	73.289	140.	170.	265.	363.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	7	320.	317.571	437.	184.	5970.952	77.272	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	10	9.25	9.72	12.3	6.6	3.822	1.955	6.7	8.35	11.8	12.25
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	10	2.	1.8	5.	0.5	1.678	1.295	0.5	0.875	2.	4.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	11.	11.7	20.	3.	32.011	5.658	3.2	7.25	16.5	19.8
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	10	8.4	8.38	8.7	7.7	0.08	0.282	7.75	8.275	8.6	8.69
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	10	8.4	8.272	8.7	7.7	0.092	0.304	7.75	8.275	8.6	8.69
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	10	0.004	0.005	0.02	0.002	0.	0.005	0.002	0.003	0.005	0.019
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	10	7.95	7.9	8.3	7.2	0.084	0.291	7.25	7.85	8.025	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	10	7.947	7.786	8.3	7.2	0.099	0.315	7.25	7.85	8.025	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	10	0.011	0.016	0.063	0.005	0.	0.017	0.005	0.009	0.014	0.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	10	113.	102.1	142.	30.	1257.211	35.457	33.6	69.75	127.75	141.1
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	10	217.5	221.7	259.	177.	821.344	28.659	179.	199.25	250.75	258.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	10	53.5	53.3	78.	34.	173.344	13.166	34.5	42.75	61.	76.9
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	10	170.	168.4	207.	119.	780.711	27.941	121.3	146.5	191.75	206.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	4.	16.45	114.	0.5	1188.692	34.477	0.75	3.	11.	103.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	1.5	3.35	14.	0.5	17.836	4.223	0.5	0.5	5.25	13.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	10	3.	13.3	100.	0.5	937.067	30.612	0.5	1.625	6.5	91.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.075	0.092	0.3	0.02	0.006	0.08	0.026	0.04	0.087	0.27
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.02	0.027	0.07	0.005	0.	0.022	0.005	0.01	0.048	0.064
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.905	1.	2.11	0.43	0.226	0.476	0.451	0.655	1.265	1.933
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.4	0.475	0.9	0.2	0.035	0.186	0.23	0.4	0.575	0.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.075	0.083	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	12	0.02	0.035	0.16	0.005	0.002	0.043	0.007	0.013	0.038	0.133
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	10	2.35	2.86	5.5	1.4	1.827	1.352	1.41	1.875	3.725	5.42
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	10	144.	137.	170.	80.	978.	31.273	80.6	119.	161.	169.4
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	9	18.	18.333	32.	5.	77.	8.775	5.	10.5	24.5	32.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	9	26.	26.667	38.	13.	67.25	8.201	13.	20.5	32.	38.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9 ##	50.	1016.667	4900.	50.	3647500.	1909.843	50.	50.	1950.	4900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	9 ##	1.699	2.196	3.69	1.699	0.682	0.826	1.699	1.699	2.79	3.69
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			157.07								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	13	12.8	14.846	28.8	2.4	67.859	8.238	4.04	9.	23.05	27.32
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	225.	242.917	350.	170.	3911.174	62.539	174.5	186.25	300.	335.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	13	309.	301.077	367.	160.	2826.077	53.161	200.	281.	342.	362.2
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	13	11.	9.923	12.6	1.	9.155	3.026	3.76	9.25	11.9	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	3.	3.167	8.	1.	3.424	1.85	1.3	2.	3.75	7.1
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	13	11.	10.077	20.	2.	26.577	5.155	2.4	6.	13.5	18.
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	13	8.3	8.438	9.1	8.1	0.079	0.281	8.14	8.2	8.65	8.94
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	13	8.3	8.369	9.1	8.1	0.084	0.291	8.14	8.2	8.65	8.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	13	0.005	0.004	0.008	0.001	0.	0.002	0.001	0.002	0.006	0.007
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	13	8.1	7.946	8.3	7.3	0.129	0.36	7.34	7.6	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	13	8.1	7.795	8.3	7.3	0.154	0.393	7.34	7.6	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	13	0.008	0.016	0.05	0.005	0.	0.015	0.005	0.006	0.026	0.046
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	13	116.	115.154	132.	95.	154.474	12.429	95.4	106.	125.5	132.
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	13	186.	190.462	230.	155.	574.436	23.976	159.8	171.5	213.	228.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	13	45.	46.154	62.	30.	64.808	8.05	34.	41.5	50.	60.
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	13	143.	144.308	180.	105.	541.397	23.268	109.8	125.5	166.5	176.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	13	7.	10.385	37.	2.	86.256	9.287	2.4	5.	13.	29.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	13	3.	3.538	10.	0.5	8.228	2.868	0.5	1.5	5.	9.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	13	4.	6.962	29.	0.5	61.186	7.822	1.1	2.5	9.	23.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	11	0.06	0.065	0.18	0.02	0.003	0.05	0.02	0.02	0.09	0.168
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	11	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	11	0.85	0.859	1.1	0.32	0.049	0.222	0.398	0.79	1.07	1.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	11	0.5	0.518	1.	0.3	0.052	0.227	0.3	0.3	0.7	0.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	11	0.1	0.091	0.1	0.05	0.	0.02	0.05	0.1	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	11	0.01	0.025	0.08	0.01	0.001	0.023	0.01	0.01	0.04	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	13	2.5	2.408	3.9	0.8	0.566	0.752	1.28	2.	2.85	3.62
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	13	140.	137.077	154.	108.	234.41	15.31	110.4	124.	151.	154.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	13	14.	14.308	22.	10.	11.897	3.449	10.	12.5	15.5	21.2
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	13	22.	22.231	31.	17.	18.359	4.285	17.	18.5	25.	29.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11	200.	290.909	1400.	50.	149909.091	387.181	50.	50.	300.	1200.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	11	2.301	2.218	3.146	1.699	0.224	0.473	1.699	1.699	2.477	3.037
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			165.314								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	7	14.7	16.886	27.2	8.9	50.081	7.077	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	7	190.	243.571	385.	150.	8414.286	91.729	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	6	279.	296.833	409.	218.	5648.967	75.16	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	6	10.55	10.717	12.6	9.5	1.374	1.172	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	7	3.	3.857	8.	2.	4.476	2.116	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	7	11.	11.571	17.	6.	15.619	3.952	**	**	**	**
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	7	8.3	8.364	9.1	7.45	0.244	0.494	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	7	8.3	8.089	9.1	7.45	0.332	0.576	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	7	0.005	0.008	0.035	0.001	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	7	8.1	7.986	8.3	7.4	0.098	0.313	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	7	8.1	7.873	8.3	7.4	0.113	0.336	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	7	0.008	0.013	0.04	0.005	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	7	102.	108.857	129.	90.	242.81	15.582	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	7	170.	177.286	250.	105.	2167.905	46.561	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	7	44.	44.857	60.	33.	81.476	9.026	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	7	126.	132.429	190.	72.	1442.952	37.986	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	7	11.	12.	18.	7.	12.667	3.559	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	7	4.	8.643	40.	0.5	195.226	13.972	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	7	10.	8.571	11.	4.	8.286	2.878	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	7	0.08	0.077	0.12	0.05	0.001	0.024	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	7	0.02	0.017	0.03	0.01	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	7	0.78	0.809	1.	0.53	0.03	0.173	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	7	0.6	0.6	1.	0.3	0.07	0.265	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	7###	0.05	0.086	0.2	0.05	0.003	0.056	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	7	0.02	0.024	0.04	0.005	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	7	2.8	2.929	4.1	1.6	0.826	0.909	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	7	132.	126.571	158.	102.	354.286	18.822	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	7	13.	13.714	24.	7.	43.238	6.576	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	7	22.	23.857	38.	15.	77.81	8.821	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	7###	50.	200.	600.	50.	48333.333	219.848	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	7###	1.699	2.068	2.778	1.699	0.231	0.481	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			116.993								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	11	16.4	16.455	28.5	4.2	60.951	7.807	4.7	11.5	22.4	28.22
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	275.	257.727	350.	110.	5241.818	72.4	126.	210.	320.	349.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	11	354.	453.	1600.	186.	147837.4	384.496	212.8	324.	371.	1361.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	3.5	3.25	5.	1.	2.568	1.603	1.	2.	5.	5.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	11	14.	12.909	21.	1.	38.091	6.172	1.6	10.	17.	20.8
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	11	8.5	8.4	8.7	7.9	0.068	0.261	7.92	8.2	8.6	8.68
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	11	8.5	8.319	8.7	7.9	0.075	0.274	7.92	8.2	8.6	8.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	11	0.003	0.005	0.013	0.002	0.	0.003	0.002	0.003	0.006	0.012
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	12	8.25	8.233	8.4	7.8	0.024	0.156	7.92	8.2	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	12	8.247	8.202	8.4	7.8	0.025	0.159	7.92	8.2	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	12	0.006	0.006	0.016	0.004	0.	0.003	0.004	0.005	0.006	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	12	123.5	118.417	134.	60.	390.083	19.751	75.	115.25	129.75	133.1
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	12	223.5	229.	350.	162.	2155.091	46.423	168.9	204.25	238.5	324.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	12	52.	56.917	90.	38.	203.356	14.26	40.4	49.25	68.5	84.6
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	12	168.5	172.083	260.	112.	1276.992	35.735	121.	149.75	188.75	239.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	12.	14.542	35.	1.5	112.884	10.625	1.95	7.25	21.75	34.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	4.	3.458	7.	1.	3.339	1.827	1.	1.625	4.75	6.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	7.5	11.208	31.	1.5	87.43	9.35	1.65	5.5	18.25	29.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.065	0.077	0.15	0.01	0.002	0.042	0.019	0.045	0.113	0.147
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.01	0.015	0.03	0.005	0.	0.009	0.007	0.01	0.028	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.83	0.995	1.97	0.52	0.174	0.418	0.583	0.758	1.148	1.871

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.6	0.6	1.	0.3	0.058	0.241	0.3	0.4	0.8	0.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.096	0.2	0.05	0.002	0.04	0.05	0.063	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	6	0.02	0.023	0.05	0.005	0.	0.016	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	11	5.7	4.736	8.4	0.5	7.969	2.823	0.5	2.2	7.3	8.32
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	11	150.	142.182	164.	76.	589.964	24.289	86.8	132.	154.	163.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	11	17.	15.091	21.	7.	28.491	5.338	7.4	10.	20.	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	12	28.	26.333	36.	15.	39.697	6.301	16.5	20.25	31.75	34.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12	500.	691.667	2100.	50.	480378.788	693.094	50.	100.	1200.	1980.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12	2.69	2.55	3.322	1.699	0.349	0.591	1.699	2.	3.074	3.295
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			355.026								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	12	15.85	16.267	28.5	4.6	94.293	9.71	4.75	5.875	26.3	28.44
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	240.	232.917	360.	80.	8952.083	94.615	87.5	151.25	315.	355.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	12	338.5	311.5	457.	134.	7645.	87.436	152.3	260.75	364.5	435.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	12	2.5	2.5	5.	1.	1.909	1.382	1.	1.	3.75	4.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	12.	11.	16.	4.	15.455	3.931	4.6	7.25	14.	16.
00400p	PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.45	8.392	9.	7.7	0.159	0.399	7.73	8.05	8.675	8.94
00400p	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	12	8.447	8.217	9.	7.7	0.192	0.439	7.73	8.05	8.675	8.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	12	0.004	0.006	0.02	0.001	0.	0.006	0.001	0.002	0.009	0.019
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	12	8.25	8.05	8.7	6.4	0.386	0.622	6.76	7.8	8.475	8.67
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	12	8.247	7.386	8.7	6.4	0.867	0.931	6.76	7.8	8.475	8.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	12	0.006	0.041	0.398	0.002	0.013	0.113	0.002	0.003	0.016	0.286
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	12	123.	126.333	293.	48.	3533.515	59.443	54.6	101.5	131.75	249.2
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	12	220.5	199.667	244.	113.	1646.242	40.574	125.6	162.5	228.	239.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	12	51.5	50.083	68.	31.	141.174	11.882	33.1	38.25	60.	66.5
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	12	158.	149.583	185.	75.	1047.902	32.371	87.6	125.5	176.25	183.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	13.5	21.833	120.	4.	984.333	31.374	5.2	8.	18.75	90.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	5.	5.083	16.	1.	16.992	4.122	1.	2.	6.75	13.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	12	7.5	15.917	104.	3.	784.083	28.001	3.	4.5	12.75	77.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.055	0.069	0.15	0.02	0.002	0.048	0.02	0.02	0.12	0.141
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.01	0.018	0.07	0.005	0.	0.018	0.005	0.01	0.028	0.058
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	12	0.705	0.753	1.17	0.34	0.059	0.243	0.37	0.6	0.945	1.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	12	0.55	0.496	0.8	0.05	0.062	0.249	0.095	0.225	0.7	0.77
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.1	0.3	0.05	0.009	0.095	0.05	0.05	0.1	0.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	3.15	4.242	10.	1.9	5.979	2.445	1.96	2.475	5.975	9.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	148.5	153.25	364.	64.	5426.023	73.662	71.2	121.5	163.5	305.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	12	14.5	14.75	24.	5.	42.932	6.552	5.6	9.5	21.75	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	12	25.	23.	34.	10.	53.455	7.311	11.2	17.5	29.75	33.1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12	100.	1158.333	5700.	50.	3767196.97	1940.927	50.	50.	1425.	5370.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	12	2.	2.423	3.756	1.699	0.634	0.796	1.699	1.699	3.152	3.728
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			264.639								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	10	18.75	18.54	29.4	5.5	65.363	8.085	5.94	10.65	25.95	29.37
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	230.	244.	395.	140.	5298.889	72.793	143.	192.5	286.25	386.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	11	316.	317.	400.	223.	2512.	50.12	229.4	292.	360.	393.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11	2.6	2.909	4.6	1.	1.295	1.138	1.2	2.2	4.3	4.58
00340	COD, .25N K2CR2O7 MG/L	11	12.	15.727	56.	6.	194.418	13.943	6.4	9.	15.	49.
00400p	PH (STANDARD UNITS)	10	8.495	8.421	8.8	7.9	0.114	0.338	7.905	8.137	8.8	8.8
00400p	CONVERTED PH (STANDARD UNITS)	10	8.495	8.301	8.8	7.9	0.13	0.361	7.905	8.137	8.8	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.003	0.005	0.013	0.002	0.	0.004	0.002	0.002	0.008	0.012
00403	PH, LAB, STANDARD UNITS SU	11	8.	7.991	8.6	7.4	0.175	0.418	7.42	7.6	8.4	8.58
00403	CONVERTED PH, LAB, STANDARD UNITS	11	8.	7.825	8.6	7.4	0.205	0.453	7.42	7.6	8.4	8.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.01	0.015	0.04	0.003	0.	0.013	0.003	0.004	0.025	0.038
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11	120.	121.909	160.	86.	515.491	22.704	87.4	110.	145.	157.6
00500	RESIDUE, TOTAL (MG/L)	11	198.	202.182	254.	160.	834.564	28.889	162.8	184.	222.	252.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	11	51.	50.636	61.	44.	25.855	5.085	44.	47.	54.	59.8
00510	RESIDUE, TOTAL FIXED (MG/L)	11	149.	151.545	204.	109.	750.673	27.398	112.6	132.	171.	200.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	12.	12.455	25.	7.	23.473	4.845	7.2	10.	14.	23.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11	3.	3.227	5.	1.5	1.568	1.252	1.6	2.	4.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11	9.	9.182	21.	3.	22.964	4.792	3.4	5.	11.	19.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	0.06	0.07	0.2	0.02	0.003	0.055	0.02	0.02	0.11	0.182
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11	0.02	0.018	0.04	0.005	0.	0.01	0.006	0.01	0.02	0.038
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0.68	0.613	0.96	0.02	0.094	0.307	0.064	0.32	0.87	0.958
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11	0.5	0.464	0.7	0.2	0.031	0.175	0.2	0.3	0.6	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11 ##	0.05	0.082	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11	3.3	5.691	30.5	1.6	68.827	8.296	1.76	2.6	3.9	25.54
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11	138.	137.818	174.	104.	398.564	19.964	105.4	128.	152.	171.2
00940	CHLORIDE, TOTAL IN WATER MG/L	11	17.	15.364	22.	3.	28.455	5.334	4.8	13.	18.	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	11	25.	22.091	30.	4.	53.891	7.341	6.6	18.	28.	29.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	200.	577.273	2700.	50.	754181.818	868.436	50.	50.	600.	2520.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.301	2.358	3.431	1.699	0.377	0.614	1.699	1.699	2.778	3.396
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			228.221								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	18.6	19.25	30.	9.5	42.274	6.502	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	8	275.	255.625	360.	115.	9310.268	96.49	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	7	329.	305.714	417.	192.	8240.571	90.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	6	2.15	2.183	4.	0.5	1.318	1.148	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	7	11.	10.643	16.	2.5	17.226	4.15	**	**	**	**
00400p	PH (STANDARD UNITS)	8	7.98	8.071	8.56	7.8	0.082	0.286	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	8	7.979	8.003	8.56	7.8	0.087	0.295	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	0.01	0.01	0.016	0.003	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	7	7.7	7.671	8.	7.1	0.099	0.315	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	7	7.7	7.562	8.	7.1	0.113	0.336	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.02	0.027	0.079	0.01	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	116.	105.714	138.	64.	909.905	30.165	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	7	201.	191.429	262.	122.	2425.619	49.251	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	7	38.	36.286	55.	9.	261.238	16.163	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	7	154.	155.143	207.	97.	1296.476	36.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	7	15.	22.429	69.	11.	425.952	20.639	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	7	3.	3.786	8.	1.5	4.155	2.038	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	7	12.	18.571	61.	7.	354.952	18.84	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	7	0.07	0.061	0.15	0.02	0.002	0.043	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	7	0.03	0.024	0.04	0.005	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	7	0.67	0.61	0.85	0.25	0.053	0.23	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	7	0.4	0.743	2.8	0.1	0.876	0.936	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7	0.1	0.221	1.	0.05	0.121	0.347	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	7	4.3	4.529	6.5	3.7	1.076	1.037	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

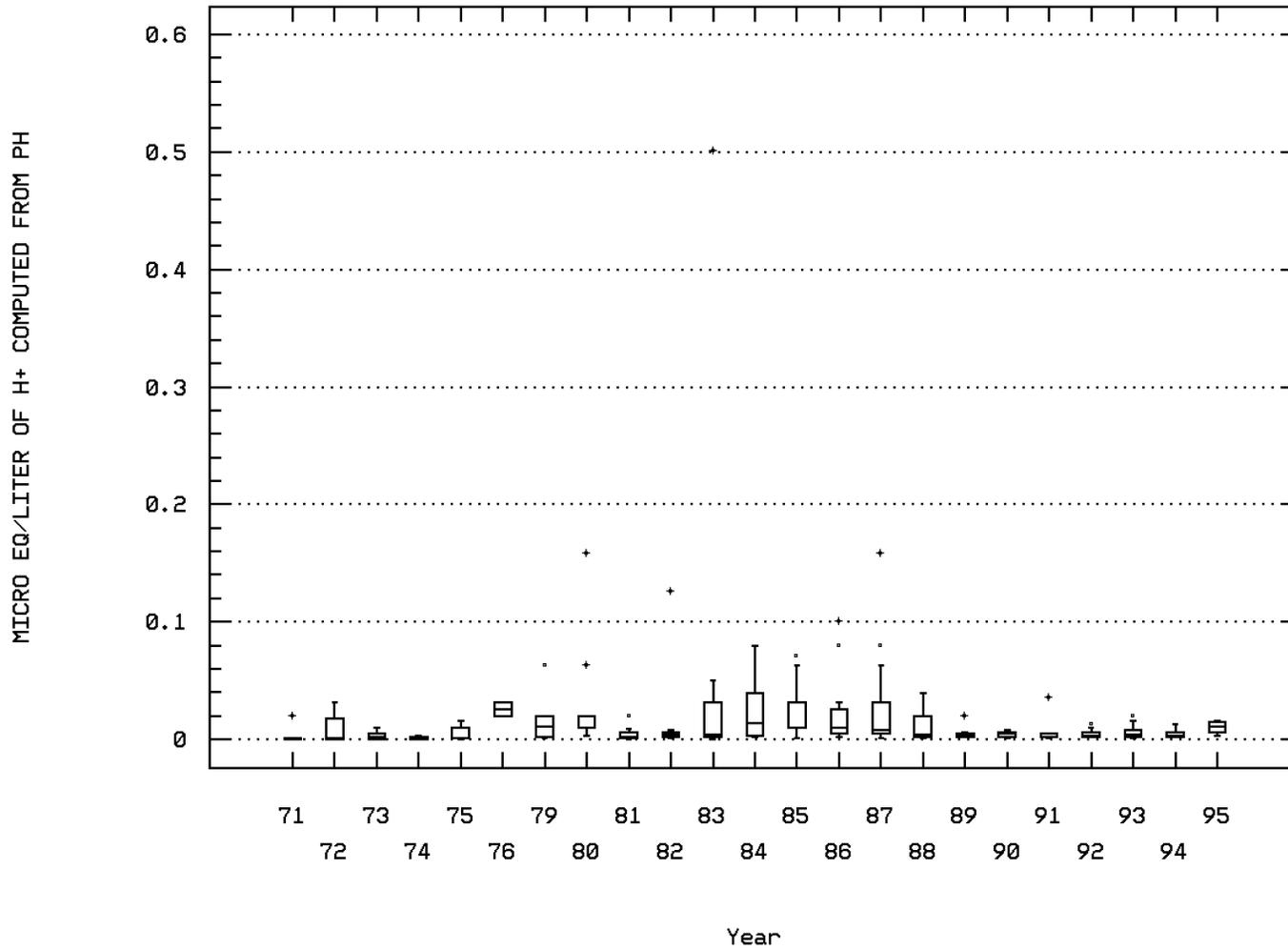
Annual Analysis for 1995 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	7	130.	122.429	166.	80.	1165.286	34.136	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	7	16.	14.286	22.	6.	36.905	6.075	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	7	22.	21.286	31.	14.	46.905	6.849	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8	150.	1687.5	8000.	50.	8509107.143	2917.037	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	8	2.151	2.516	3.903	1.699	0.745	0.863	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		328.133									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0095 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



SMITH MTN. LAKE, HARDYS FORD

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	76	26.05	25.054	31.	2.4	18.751	4.33	20.	23.075	27.8	28.93
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	46	331.	322.	490.	150.	5836.889	76.4	201.	290.	362.5	398.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	17	354.	348.882	457.	255.	1962.61	44.301	298.2	324.5	366.5	425.
00300	OXYGEN, DISSOLVED MG/L	64	10.5	10.077	16.8	1.	9.633	3.104	6.8	8.4	11.95	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	52	3.	3.598	9.3	1.	3.431	1.852	1.3	2.	4.9	6.
00340	COD, .25N K2CR2O7 MG/L	47	12.	13.681	56.	3.	62.352	7.896	7.	10.	16.	21.
00400	PH (STANDARD UNITS)	76	8.7	8.706	10.	7.2	0.383	0.618	7.91	8.453	9.075	9.42
00400	CONVERTED PH (STANDARD UNITS)	76	8.7	8.22	10.	7.2	0.622	0.788	7.91	8.452	9.075	9.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	76	0.002	0.006	0.063	0.	0.	0.013	0.	0.001	0.004	0.013
00403	PH, LAB, STANDARD UNITS SU	28	8.2	8.111	9.2	6.4	0.311	0.557	7.19	7.9	8.4	8.71
00403	CONVERTED PH, LAB, STANDARD UNITS	28	8.2	7.584	9.2	6.4	0.598	0.773	7.19	7.9	8.4	8.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	28	0.006	0.026	0.398	0.001	0.006	0.075	0.002	0.004	0.013	0.065
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	28	120.	119.464	293.	30.	1807.962	42.52	69.2	110.	127.75	140.2
00500	RESIDUE, TOTAL (MG/L)	24	223.	212.708	263.	105.	1221.868	34.955	166.5	201.25	235.25	253.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	24	48.	45.125	72.	0.	213.332	14.606	26.	37.5	52.75	60.5
00510	RESIDUE, TOTAL FIXED (MG/L)	24	161.5	163.833	220.	72.	999.188	31.61	123.	149.75	185.	203.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	50	11.	14.34	46.	2.5	93.596	9.675	3.1	8.	18.	26.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	50	5.	4.95	11.	0.5	5.574	2.361	2.5	3.	6.	8.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	50	6.5	9.61	41.	0.5	75.829	8.708	2.	3.	12.25	20.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	68 ##	0.05	0.078	0.83	0.02	0.011	0.106	0.02	0.05	0.08	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	69	0.03	0.052	1.08	0.005	0.017	0.13	0.01	0.02	0.04	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	69	0.56	0.643	2.72	0.01	0.212	0.461	0.04	0.31	0.89	1.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	69	0.6	0.715	3.	0.1	0.156	0.395	0.4	0.5	0.85	1.099
00665	PHOSPHORUS, TOTAL (MG/L AS P)	50	0.1	0.12	1.	0.05	0.02	0.142	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	39	0.02	0.025	0.14	0.005	0.001	0.029	0.005	0.01	0.03	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	46	5.	6.017	30.5	2.	20.224	4.497	2.91	3.3	7.475	10.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	30	146.	142.033	166.	78.	438.723	20.946	112.1	135.5	156.5	164.
00940	CHLORIDE, TOTAL IN WATER MG/L	18	20.	19.444	35.	5.	35.438	5.953	12.2	16.	22.25	25.1
00945	SULFATE, TOTAL (MG/L AS SO4)	17	28.	27.647	34.	13.	28.618	5.35	18.6	25.5	31.5	32.4
01002	ARSENIC, TOTAL (UG/L AS AS)	11 ##	2.5	3.318	10.	0.5	9.814	3.133	0.5	0.5	5.	9.2
01027	CADMIUM, TOTAL (UG/L AS CD)	13 ##	2.5	4.077	25.	0.5	43.577	6.601	0.5	0.5	5.	17.
01034	CHROMIUM, TOTAL (UG/L AS CR)	15 ##	5.	5.1	10.	0.5	6.15	2.48	0.8	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	15 ##	5.	7.333	20.	5.	17.381	4.169	5.	5.	10.	14.
01051	LEAD, TOTAL (UG/L AS PB)	15 ##	5.	5.2	10.	1.	5.457	2.336	1.6	5.	5.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	15	10.	17.4	60.	5.	175.686	13.255	8.	10.	20.	39.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	73 ##	50.	428.767	8000.	50.	1918327.626	1385.037	50.	50.	100.	860.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	73 ##	1.699	2.	3.903	1.699	0.287	0.536	1.699	1.699	2.	2.934
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			99.899								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	29	0.03	0.041	0.16	0.005	0.001	0.036	0.005	0.02	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	88	9.	9.508	20.6	0.	21.659	4.654	4.	5.825	12.8	16.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	80	190.	205.075	340.	25.	4658.197	68.251	140.	161.25	258.75	305.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	33	301.	294.909	437.	134.	5527.273	74.346	188.4	243.	347.	397.6
00300	OXYGEN, DISSOLVED MG/L	69	10.3	10.072	14.2	1.	5.543	2.354	7.8	8.7	11.75	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	81	2.	2.217	9.	0.5	2.153	1.467	1.	1.	2.55	4.
00340	COD, .25N K2CR2O7 MG/L	83	9.	9.127	24.	0.5	25.871	5.086	3.	5.	12.	16.
00400	PH (STANDARD UNITS)	88	8.2	8.073	9.3	6.3	0.333	0.577	7.2	7.7	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	88	8.2	7.614	9.3	6.3	0.547	0.739	7.2	7.7	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	88	0.006	0.024	0.501	0.001	0.004	0.06	0.002	0.003	0.02	0.063
00403	PH, LAB, STANDARD UNITS SU	41	7.8	7.871	8.6	7.1	0.116	0.34	7.4	7.6	8.15	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	41	7.8	7.741	8.6	7.1	0.133	0.364	7.4	7.6	8.15	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	41	0.016	0.018	0.079	0.003	0.	0.015	0.005	0.007	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	41	114.	108.195	147.	48.	475.211	21.799	73.2	97.	124.5	132.8
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	38	192.5	193.579	264.	113.	1493.007	38.639	136.8	165.75	220.	247.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	38	50.	48.158	72.	9.	149.65	12.233	30.	40.5	57.	61.2
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	38	142.5	144.763	207.	75.	924.78	30.41	108.8	123.	167.25	189.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	84	8.	11.405	120.	0.5	302.274	17.386	2.5	3.25	12.	18.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	83	2.5	3.518	40.	0.5	21.173	4.601	1.	2.	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	84	4.5	8.744	104.	0.	247.28	15.725	2.	2.5	8.75	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	88	0.08	0.143	1.5	0.02	0.043	0.208	0.05	0.05	0.14	0.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	88	0.01	0.019	0.14	0.005	0.	0.019	0.005	0.01	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	88	0.955	1.051	2.4	0.12	0.231	0.48	0.58	0.692	1.275	1.81
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	88	0.4	0.461	2.8	0.05	0.141	0.376	0.2	0.3	0.6	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	84 ##	0.05	0.083	0.5	0.05	0.004	0.064	0.05	0.05	0.1	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	68	0.02	0.077	3.	0.005	0.131	0.361	0.01	0.01	0.04	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	79	4.	4.29	16.	0.5	6.69	2.587	1.6	2.4	5.7	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	46	136.	129.348	168.	64.	616.187	24.823	93.6	111.5	146.5	160.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	33	13.	14.333	32.	3.	43.167	6.57	7.	9.	18.	24.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	35	24.	22.971	38.	4.	63.44	7.965	14.	17.	29.	33.6
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-07/28/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-07/28/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-07/28/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-07/28/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-07/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-07/28/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	82 ##	50.	545.732	8000.	50.	1752358.1	1323.767	50.	50.	300.	1890.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	82 ##	1.699	2.124	3.903	1.699	0.381	0.617	1.699	1.699	2.477	3.269
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	82 ##	1.699	2.124	3.903	1.699	0.381	0.617	1.699	1.699	2.477	3.269
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-09/25/95	20	0.02	0.031	0.13	0.005	0.001	0.034	0.005	0.006	0.045	0.096

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-09/25/95	59	22.2	21.414	31.	10.2	23.344	4.832	15.5	17.8	25.1	27.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	45	290.	278.267	435.	140.	5460.336	73.894	176.	211.	337.5	374.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	17	320.	388.412	1600.	184.	101069.507	317.914	194.4	283.5	357.5	640.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/17/91	48	9.5	9.687	15.6	4.4	6.324	2.515	6.54	8.125	10.95	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/71-09/25/95	50	2.	2.512	7.	1.	1.65	1.284	1.	2.	3.	4.9
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	46	8.	8.989	20.	0.5	15.117	3.888	4.7	7.	11.	15.3
00400	PH (STANDARD UNITS)	07/07/71-09/25/95	60	8.2	8.201	9.7	7.1	0.248	0.498	7.52	7.863	8.475	8.97
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-09/25/95	60	8.2	7.946	9.7	7.1	0.314	0.56	7.52	7.862	8.475	8.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-09/25/95	60	0.006	0.011	0.079	0.	0.	0.015	0.001	0.003	0.014	0.03
00403	PH, LAB, STANDARD UNITS SU	07/20/72-09/25/95	24	8.2	8.075	8.7	7.4	0.092	0.304	7.6	7.9	8.2	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-09/25/95	24	8.2	7.965	8.7	7.4	0.105	0.324	7.6	7.9	8.2	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-09/25/95	24	0.006	0.011	0.04	0.002	0.	0.009	0.004	0.006	0.013	0.026
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-09/25/95	22	126.5	118.591	148.	66.	492.444	22.191	76.8	108.75	132.5	144.1
00500	RESIDUE, TOTAL (MG/L)	06/29/72-09/25/95	21	212.	214.381	350.	155.	1743.448	41.755	162.4	189.5	228.5	253.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/29/72-09/25/95	21	48.	49.619	90.	30.	237.848	15.422	31.6	38.5	55.5	76.
00510	RESIDUE, TOTAL FIXED (MG/L)	06/29/72-09/25/95	21	168.	164.762	260.	105.	975.79	31.238	125.	146.	174.5	200.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/29/72-09/25/95	48	11.	15.323	114.	2.	355.761	18.862	2.95	7.	15.	24.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/29/72-09/25/95	48	3.	4.698	38.	0.	31.114	5.578	1.9	2.5	5.75	8.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/29/72-09/25/95	48	7.	10.823	100.	0.5	257.058	16.033	2.45	3.	11.	20.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-09/25/95	57	0.08	0.156	1.099	0.01	0.046	0.214	0.044	0.05	0.2	0.344
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	57	0.02	0.093	3.199	0.005	0.177	0.421	0.005	0.01	0.04	0.102
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-09/25/95	57	0.76	0.785	2.1	0.01	0.141	0.376	0.328	0.515	0.985	1.202
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-09/25/95	55	0.5	0.555	1.799	0.2	0.084	0.289	0.3	0.4	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	44 ##	0.075	0.085	0.3	0.05	0.003	0.05	0.05	0.05	0.1	0.125

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/25/92	37	0.02	0.027	0.16	0.005	0.001	0.026	0.009	0.01	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	46	3.85	4.272	10.	0.5	5.619	2.371	1.97	2.6	6.	8.3
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	27	144.	143.926	364.	80.	2562.687	50.623	99.2	126.	156.	170.8
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	21	13.	13.381	23.	6.	21.048	4.588	7.4	10.	16.5	21.6
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	21	22.	21.905	32.	14.	20.49	4.527	15.4	18.5	25.	28.
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-07/28/92	7 ##	1.	1.786	5.	0.5	2.821	1.68	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-07/28/92	7 ##	5.	3.214	5.	0.5	5.071	2.252	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-07/28/92	7 ##	5.	9.	40.	0.5	189.917	13.781	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-07/28/92	7 ##	5.	4.643	5.	2.5	0.893	0.945	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-07/28/92	7	5.	6.571	14.	2.	14.952	3.867	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-07/28/92	7	9.	16.286	30.	5.	166.571	12.906	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	57 ##	50.	548.596	5400.	50.	1350769.424	1162.226	50.	50.	355.	1860.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-09/25/95	57 ##	1.699	2.165	3.732	1.699	0.399	0.632	1.699	1.699	2.547	3.264
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			146.246								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-09/25/95	20	0.05	0.056	0.16	0.01	0.002	0.049	0.01	0.02	0.088	0.149

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0096

NPS Station ID: BLRI0096
 Location: ROANOKE RIVER NEAR HARDY, VA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin:
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 02080204003304.03

LAT/LON: 37.219448/ -79.798892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.02

Agency: 112WRD
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 02056670
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.90
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Description:
 SAMPLED BY USGS. FIELD ANALYSIS BY USGS. STATION LOCATION: ON HWY 634 BRIDGE NR HARDY, BEDFORD CO, VA. NEAREST GAGING STATION: ON RT BANK 20 FT DOWNSTREAM FROM POWER PLANT OF APPALACHIAN POWER CO, AT NIAGARA, ROANOKE CO, 2.0 MI DOWNSTREAM FROM TINKER CR, 2.1 MI SE OF VINTON. DRAINAGE AREA ABOVE GAGING STATION, 511 SQ MI. AVERAGE DAILY FLOW: 41

Parameter Inventory for Station: BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	48	16.25	15.292	28.5	1.	72.105	8.491	3.9	7.125	23.75	27.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	05/18/70-12/27/73	7	10.	23.286	100.	3.	1177.238	34.311	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	05/18/70-12/27/73	7	12.	15.286	30.	0.	145.238	12.051	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/70-12/27/73	5	237.	272.	375.	194.	5844.	76.446	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	48	9.25	9.075	15.3	1.6	7.736	2.781	6.1	7.	10.4	12.94
00310 BOD, 5 DAY, 20 DEG C MG/L	05/11/70-02/12/74	7	2.8	3.8	8.1	0.	8.497	2.915	**	**	**	**
00400 PH (STANDARD UNITS)	12/15/69-02/12/74	47	7.9	8.064	9.	6.7	0.308	0.555	7.5	7.7	8.6	8.9
00400 CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	47	7.9	7.744	9.	6.7	0.412	0.642	7.5	7.7	8.6	8.9
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	47	0.013	0.018	0.2	0.001	0.001	0.03	0.001	0.003	0.02	0.032
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/18/70-12/27/73	7	95.	108.	164.	62.	1196.333	34.588	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/18/70-12/27/73	4	136.5	127.	159.	76.	1548.667	39.353	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/25/72-12/27/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/18/70-05/22/72	3	147.	162.	196.	143.	871.	29.513	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/70-12/27/73	7	16.	48.	270.	1.	9647.	98.219	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/11/73-12/27/73	2##	0.023	0.023	0.04	0.005	0.001	0.025	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/11/73-12/27/73	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/70-12/27/73	7	0.4	0.457	0.8	0.3	0.03	0.172	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/69-06/20/72	31	0.12	0.105	0.22	0.	0.003	0.059	0.032	0.05	0.16	0.184
00665 PHOSPHORUS, TOTAL (MG/L AS P)	12/15/69-12/27/73	35	0.42	0.447	1.3	0.026	0.093	0.305	0.077	0.2	0.59	0.928
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	09/25/72-12/27/73	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/18/70-12/27/73	7	110.	126.143	180.	85.	1014.143	31.846	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/18/70-12/27/73	4	17.5	16.75	23.	9.	37.583	6.131	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/18/70-12/27/73	7	26.	29.571	42.	20.	69.619	8.344	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/18/70-12/27/73	7	11.	12.014	18.	8.5	12.655	3.557	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/18/70-12/27/73	5	6.9	7.48	15.	3.1	20.157	4.49	**	**	**	**
00931 SODIUM ADSORPTION RATIO	05/18/70-12/27/73	5	0.3	0.3	0.6	0.1	0.035	0.187	**	**	**	**
00932 SODIUM, PERCENT	05/18/70-12/27/73	5	12.	11.4	19.	6.	27.3	5.225	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/18/70-12/27/73	5	2.5	2.62	3.1	2.1	0.177	0.421	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/18/70-03/12/73	5	10.	14.	21.	10.	30.5	5.523	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/18/70-12/27/73	7	18.	19.714	29.	11.	35.905	5.992	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/18/70-12/27/73	7	0.2	0.257	0.5	0.1	0.02	0.14	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/18/70-12/27/73	7	0.5	3.857	10.	0.	22.06	4.697	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/18/70-03/12/73	5	10.	42.	140.	0.	3620.	60.166	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/18/70-12/27/73	7	0.	1.429	10.	0.	14.286	3.78	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/17/71-02/17/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/70-12/27/73	6##	0.	3.333	10.	0.	26.667	5.164	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/11/73-12/27/73	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/18/70-12/27/73	7	0.	24.286	80.	0.	1461.905	38.235	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/18/70-12/27/73	7	20.	28.714	70.	0.	481.571	21.945	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/18/70-12/27/73	7	0.	1.429	10.	0.	14.286	3.78	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/25/72-12/27/73	4##	4.	3.25	5.	0.	5.583	2.363	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/18/70-05/22/72	3	20.	20.	40.	0.	400.	20.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/18/70-03/12/73	5	0.	12.	50.	0.	470.	21.679	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/18/70-12/27/73	7	50.	77.714	200.	24.	3449.905	58.736	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	48	13.5	244.125	5333.	0.	842934.793	918.115	1.9	3.	62.	275.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	48	1.13	1.252	3.727	0.	0.796	0.892	0.271	0.477	1.789	2.428
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			17.854								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/25/72-12/27/73	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	11/05/92-11/05/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34795	ANTIMONY, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34800	ARSENIC, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
34810	BERYLLIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34830	CALCIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34835	CERIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
34840	COBALT, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	54.	54.	54.	54.	0.	0.	**	**	**	**
34845	CHROMIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34850	COPPER, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**
34855	EUROPIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	53.	53.	53.	53.	0.	0.	**	**	**	**
34860	GALLIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
34870	GOLD, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34885	LANTHANUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	53.	53.	53.	53.	0.	0.	**	**	**	**
34890	LEAD, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
34895	LITHIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34900	MAGNESIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34905	MANGANESE, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	540.	540.	540.	540.	0.	0.	**	**	**	**
34910	MERCURY, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
34915	MOLYBDENUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	52.	52.	52.	52.	0.	0.	**	**	**	**
34925	NICKEL, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	23.	23.	23.	23.	0.	0.	**	**	**	**
34930	NIOBIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
34935	PHOSPHORUS, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34940	POTASSIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34945	SCANDIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34950	SELENIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34955	SILVER, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34960	SODIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34965	STRONTIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
34970	SULFUR, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
34975	TANTALUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
34985	TIN, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
35005	VANADIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	70.	70.	70.	70.	0.	0.	**	**	**	**
35010	YTTRIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	37.	37.	37.	37.	0.	0.	**	**	**	**
35015	YTTERBIUM, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
35020	ZINC, BEDLOAD SED, WET SIEVE DIAM	11/05/92-11/05/92	1	170.	170.	170.	170.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC (LINDANE), WHOLE WATER, UG/L	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE (TECH MIX & METABS), WHOLE WATER, UG/L	10/24/72-06/20/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.002	0.005	0.	0.003	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	2	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/24/72-12/11/72	1	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.013	0.04	0.	0.001	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/24/72-06/20/73	3	0.	0.	0.	0.	0.	**	**	**	**
49266	INVALID PARAMETER	11/05/92-11/05/92	1	2.16	2.16	2.16	2.16	0.	**	**	**	**
49267	INVALID PARAMETER	11/05/92-11/05/92	1	2.74	2.74	2.74	2.74	0.	**	**	**	**
49269	INVALID PARAMETER	11/05/92-11/05/92	1	0.58	0.58	0.58	0.58	0.	**	**	**	**
49270	INVALID PARAMETER	11/05/92-11/05/92	1	2.	2.	2.	2.	0.	**	**	**	**
49271	INVALID PARAMETER	11/05/92-11/05/92	1	37.	37.	37.	37.	0.	**	**	**	**
49272	INVALID PARAMETER	11/05/92-11/05/92	1	39.	39.	39.	39.	0.	**	**	**	**
49274	INVALID PARAMETER	11/05/92-11/05/92	1	0.39	0.39	0.39	0.39	0.	**	**	**	**
49275	INVALID PARAMETER	11/05/92-11/05/92	1	63.	63.	63.	63.	0.	**	**	**	**
49276	INVALID PARAMETER	11/05/92-11/05/92	1	67.	67.	67.	67.	0.	**	**	**	**
49277	INVALID PARAMETER	11/05/92-11/05/92	1	53.	53.	53.	53.	0.	**	**	**	**
49278	INVALID PARAMETER	11/05/92-11/05/92	1	81.	81.	81.	81.	0.	**	**	**	**
49279	INVALID PARAMETER	11/05/92-11/05/92	1	55.	55.	55.	55.	0.	**	**	**	**
49280	INVALID PARAMETER	11/05/92-11/05/92	1	56.	56.	56.	56.	0.	**	**	**	**
49316	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49317	INVALID PARAMETER	11/05/92-11/05/92	1	2.	2.	2.	2.	0.	**	**	**	**
49318	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49319	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49320	INVALID PARAMETER	11/05/92-11/05/92	1	2.2	2.2	2.2	2.2	0.	**	**	**	**
49321	INVALID PARAMETER	11/05/92-11/05/92	1	3.2	3.2	3.2	3.2	0.	**	**	**	**
49322	INVALID PARAMETER	11/05/92-11/05/92	1##	2.5	2.5	2.5	2.5	0.	**	**	**	**
49324	INVALID PARAMETER	11/05/92-11/05/92	1##	2.5	2.5	2.5	2.5	0.	**	**	**	**
49325	INVALID PARAMETER	11/05/92-11/05/92	1	4.8	4.8	4.8	4.8	0.	**	**	**	**
49326	INVALID PARAMETER	11/05/92-11/05/92	1	7.5	7.5	7.5	7.5	0.	**	**	**	**
49327	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49328	INVALID PARAMETER	11/05/92-11/05/92	1	9.6	9.6	9.6	9.6	0.	**	**	**	**
49329	INVALID PARAMETER	11/05/92-11/05/92	1##	1.	1.	1.	1.	0.	**	**	**	**
49330	INVALID PARAMETER	11/05/92-11/05/92	1	3.4	3.4	3.4	3.4	0.	**	**	**	**
49331	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49332	INVALID PARAMETER	11/05/92-11/05/92	1	1.6	1.6	1.6	1.6	0.	**	**	**	**
49335	INVALID PARAMETER	11/05/92-11/05/92	1##	1.	1.	1.	1.	0.	**	**	**	**
49338	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49339	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49341	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49342	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49343	INVALID PARAMETER	11/05/92-11/05/92	1##	25.	25.	25.	25.	0.	**	**	**	**
49344	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49345	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49346	INVALID PARAMETER	11/05/92-11/05/92	1##	2.5	2.5	2.5	2.5	0.	**	**	**	**
49347	INVALID PARAMETER	11/05/92-11/05/92	1##	2.5	2.5	2.5	2.5	0.	**	**	**	**
49348	INVALID PARAMETER	11/05/92-11/05/92	1##	0.5	0.5	0.5	0.5	0.	**	**	**	**
49349	INVALID PARAMETER	11/05/92-11/05/92	1##	2.5	2.5	2.5	2.5	0.	**	**	**	**
49350	INVALID PARAMETER	11/05/92-11/05/92	1##	6.	6.	6.	6.	0.	**	**	**	**
49351	INVALID PARAMETER	11/05/92-11/05/92	1##	100.	100.	100.	100.	0.	**	**	**	**
49381	INVALID PARAMETER	11/05/92-11/05/92	1	43.	43.	43.	43.	0.	**	**	**	**
49382	INVALID PARAMETER	11/05/92-11/05/92	1	120.	120.	120.	120.	0.	**	**	**	**
49383	INVALID PARAMETER	11/05/92-11/05/92	1	8.	8.	8.	8.	0.	**	**	**	**
49384	INVALID PARAMETER	11/05/92-11/05/92	1	14.	14.	14.	14.	0.	**	**	**	**
49387	INVALID PARAMETER	11/05/92-11/05/92	1	460.	460.	460.	460.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49388	INVALID PARAMETER	1	29.	29.	29.	29.	0.	0.	**	**	**	**
49389	INVALID PARAMETER	1	210.	210.	210.	210.	0.	0.	**	**	**	**
49390	INVALID PARAMETER	1	80.	80.	80.	80.	0.	0.	**	**	**	**
49391	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49393	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49394	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	INVALID PARAMETER	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
49397	INVALID PARAMETER	1	230.	230.	230.	230.	0.	0.	**	**	**	**
49398	INVALID PARAMETER	1	14.	14.	14.	14.	0.	0.	**	**	**	**
49399	INVALID PARAMETER	1	31.	31.	31.	31.	0.	0.	**	**	**	**
49400	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	INVALID PARAMETER	1	51.	51.	51.	51.	0.	0.	**	**	**	**
49403	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49404	INVALID PARAMETER	1	36.	36.	36.	36.	0.	0.	**	**	**	**
49405	INVALID PARAMETER	1	14.	14.	14.	14.	0.	0.	**	**	**	**
49406	INVALID PARAMETER	1	86.	86.	86.	86.	0.	0.	**	**	**	**
49407	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	INVALID PARAMETER	1	54.	54.	54.	54.	0.	0.	**	**	**	**
49409	INVALID PARAMETER	1	310.	310.	310.	310.	0.	0.	**	**	**	**
49410	INVALID PARAMETER	1	36.	36.	36.	36.	0.	0.	**	**	**	**
49411	INVALID PARAMETER	1	56.	56.	56.	56.	0.	0.	**	**	**	**
49413	INVALID PARAMETER	1	17.	17.	17.	17.	0.	0.	**	**	**	**
49421	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49426	INVALID PARAMETER	1	440.	440.	440.	440.	0.	0.	**	**	**	**
49427	INVALID PARAMETER	1	25.	25.	25.	25.	0.	0.	**	**	**	**
49428	INVALID PARAMETER	1	27.	27.	27.	27.	0.	0.	**	**	**	**
49429	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	INVALID PARAMETER	1	27.	27.	27.	27.	0.	0.	**	**	**	**
49431	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49433	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49434	INVALID PARAMETER	1	69.	69.	69.	69.	0.	0.	**	**	**	**
49435	INVALID PARAMETER	1	15.	15.	15.	15.	0.	0.	**	**	**	**
49436	INVALID PARAMETER	1	190.	190.	190.	190.	0.	0.	**	**	**	**
49437	INVALID PARAMETER	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49438	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49449	INVALID PARAMETER	1	42.	42.	42.	42.	0.	0.	**	**	**	**
49450	INVALID PARAMETER	1	320.	320.	320.	320.	0.	0.	**	**	**	**
49451	INVALID PARAMETER	1	210.	210.	210.	210.	0.	0.	**	**	**	**
49452	INVALID PARAMETER	1	22.	22.	22.	22.	0.	0.	**	**	**	**
49454	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49458	INVALID PARAMETER	1	300.	300.	300.	300.	0.	0.	**	**	**	**
49459	INVALID PARAMETER	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
49460	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49461	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49466	INVALID PARAMETER	1	550.	550.	550.	550.	0.	0.	**	**	**	**
49467	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	INVALID PARAMETER	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	INVALID PARAMETER	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	4	181.	166.	218.	84.	4205.333	64.849	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	4	0.25	0.228	0.3	0.11	0.008	0.091	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	4	0.028	0.058	0.17	0.005	0.006	0.077	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/11/73-12/27/73	2	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/12/73-12/27/73	3	2.2	1.9	2.2	1.3	0.27	0.52	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/11/73-12/27/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0096

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	7	1	0.14	2	0	0.00	3	1	0.33	2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	48	2	0.04	12	0	0.00	25	1	0.04	11	1	0.09			
00400	PH	9.	47	1	0.02	12	1	0.08	24	0	0.00	11	0	0.00			
		6.5	47	0	0.00	12	0	0.00	24	0	0.00	11	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
00720	CYANIDE, TOTAL	0.022	4	0	0.00	2	0	0.00	2	0	0.00						
		0.2	4	0	0.00	2	0	0.00	2	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	860.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		250.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	360.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		50.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	3.9	7	1	0.14	2	0	0.00	3	0	0.00	2	1	0.50			
		5.	7	1	0.14	2	0	0.00	3	0	0.00	2	1	0.50			
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	18.	7	2	0.29	2	1	0.50	3	0	0.00	2	1	0.50			
		1300.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	82.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		15.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	120.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		5000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	48	5	0.10	12	1	0.08	25	4	0.16	11	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	3	0	0.00				2	0	0.00	1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	2.	3	0	0.00				2	0	0.00	1	0	0.00			
		0.2	3	0	0.00				2	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		2.	2	0	0.00				1	0	0.00	1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	0.6	3	0	0.00				2	0	0.00	1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	1050.	3	0	0.00				2	0	0.00	1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	1.1	3	0	0.00				2	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	2.5	3	0	0.00				2	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	3	0	0.00				2	0	0.00	1	0	0.00			
		2.	3	0	0.00				2	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	0.73	2	0	0.00				1	0	0.00	1	0	0.00			
		3.	2	0	0.00				1	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	0.52	3	0	0.00				2	0	0.00	1	0	0.00			
		0.4	3	0	0.00				2	0	0.00	1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	0.52	3	0	0.00				2	0	0.00	1	0	0.00			
		0.2	3	0	0.00				2	0	0.00	1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	0.065	3	0	0.00				2	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	3	0	0.00	1	0	0.00	2	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		40.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	12	15.5	15.583	27.5	1.	90.402	9.508	2.2	6.625	25.625	27.35
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	12	8.95	7.992	11.5	1.6	9.095	3.016	1.93	7.075	9.95	11.11
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	11	7.9	8.191	8.9	7.5	0.265	0.515	7.54	7.8	8.8	8.88
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	11	7.9	7.964	8.9	7.5	0.321	0.567	7.54	7.8	8.8	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	11	0.013	0.011	0.032	0.001	0.	0.01	0.001	0.002	0.016	0.029
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	5.	80.417	820.	2.	54520.083	233.495	2.3	3.	37.5	589.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	0.69	1.011	2.914	0.301	0.574	0.758	0.354	0.477	1.546	2.549
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		10.251									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	12	17.	16.208	27.5	4.	59.339	7.703	4.3	10.625	23.75	26.6
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	12	8.3	9.292	15.3	6.1	9.768	3.125	6.1	6.925	10.675	15.18
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	12	7.8	8.067	8.9	7.4	0.341	0.584	7.43	7.6	8.775	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	12	7.8	7.811	8.9	7.4	0.412	0.642	7.43	7.6	8.775	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	12	0.016	0.015	0.04	0.001	0.	0.013	0.001	0.002	0.025	0.037
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	47.5	77.417	250.	11.	5175.356	71.94	11.6	20.25	120.	223.6
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	1.676	1.706	2.398	1.041	0.194	0.44	1.063	1.257	2.074	2.341
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		50.773									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	12	16.75	15.75	27.	2.	71.341	8.446	3.05	8.125	24.125	26.7
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	12	10.3	10.3	15.2	6.4	7.095	2.664	6.67	8.35	12.25	14.9
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	12	7.9	8.15	9.	7.7	0.23	0.48	7.73	7.8	8.6	8.97
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	12	7.9	7.979	9.	7.7	0.262	0.512	7.73	7.8	8.6	8.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	12	0.013	0.01	0.02	0.001	0.	0.007	0.001	0.003	0.016	0.019
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	16.	469.75	5333.	1.	2346579.659	1531.855	1.3	2.25	70.5	3760.1
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	12	1.097	1.219	3.727	0.	1.108	1.053	0.09	0.345	1.848	3.195
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		16.551									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	10	16.	15.45	28.5	1.5	78.858	8.88	1.65	9.75	21.75	28.35
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	10	7.85	8.26	11.	6.1	3.338	1.827	6.13	6.7	9.95	10.97
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	10	7.9	7.89	8.9	6.7	0.479	0.692	6.74	7.4	8.425	8.89
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	10	7.889	7.429	8.9	6.7	0.715	0.845	6.74	7.4	8.425	8.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	10	0.013	0.037	0.2	0.001	0.004	0.062	0.001	0.004	0.044	0.188
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	10	7.5	414.7	3600.	0.	1276744.678	1129.931	0.	2.25	136.25	3290.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	10	0.874	1.126	3.556	0.	1.307	1.143	0.	0.358	1.557	3.471
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			13.362								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/69-02/12/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/69-02/12/74	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/69-02/12/74	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/69-02/12/74	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/69-02/12/74	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/15/69-02/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0097

NPS Station ID: BLRI0097 LAT/LON: 37.215838/ -79.803337
 Location: SMITH MTN LAKE #2A-TOP-HARDYS FORD #2C-BOTTOM
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101028 RF1 Mile Point: 3.140
 RF3 Index: 03010101002711.60 RF3 Mile Point: 11.60

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4AROA192.94
 Within Park Boundary: No

Date Created: 12/12/87

Description:
 VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY NO. 835104 BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ROANOKE RIVER SECTION: 05 TOPO MAP #: 0035 TOPO MAP NAME: HARDY, VA

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	83	19.	20.067	29.1	9.8	28.481	5.337	13.	16.	25.3	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	7	3.2	12.329	51.	2.2	331.622	18.211	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	6	10.35	12.833	28.	5.6	62.987	7.936	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	5	0.5	0.64	1.	0.5	0.048	0.219	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	26	335.	322.	439.	130.	4674.72	68.372	223.6	299.5	356.	401.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10	354.5	366.4	432.	260.	2629.6	51.28	267.9	342.	417.	430.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	8	8.05	7.575	10.2	4.1	4.245	2.06	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	72	8.55	8.022	15.3	0.2	12.116	3.481	1.5	6.325	10.	11.87
00310	BOD, 5 DAY, 20 DEG C MG/L	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	5	12.	8.	14.	1.	41.5	6.442	**	**	**	**
00400	PH (STANDARD UNITS)	85	7.9	7.878	8.9	6.8	0.238	0.487	7.2	7.5	8.24	8.5
00400	CONVERTED PH (STANDARD UNITS)	85	7.9	7.628	8.9	6.8	0.301	0.548	7.2	7.5	8.24	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	85	0.013	0.024	0.158	0.001	0.001	0.027	0.003	0.006	0.032	0.063
00403	PH, LAB, STANDARD UNITS SU	66	8.1	8.056	8.9	7.3	0.13	0.36	7.5	7.8	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	66	8.1	7.908	8.9	7.3	0.152	0.39	7.5	7.8	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	66	0.008	0.012	0.05	0.001	0.	0.011	0.003	0.005	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	66	125.5	120.955	148.	62.	373.675	19.331	80.7	118.	132.25	142.
00500	RESIDUE, TOTAL (MG/L)	66	229.	222.333	301.	45.	1765.056	42.013	157.7	204.75	246.75	273.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	65	52.	50.969	82.	10.	246.562	15.702	31.	43.	60.5	74.4
00510	RESIDUE, TOTAL FIXED (MG/L)	66	172.	174.152	250.	96.	1002.807	31.667	134.6	151.75	196.5	215.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	66	10.	13.583	86.	0.5	165.751	12.874	2.5	6.	16.	31.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	66	4.	3.902	9.	0.5	3.625	1.904	1.85	2.375	5.	6.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	66	5.5	9.902	77.	0.	144.632	12.026	0.85	2.875	13.25	27.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	61	0.07	0.12	0.56	0.02	0.013	0.116	0.04	0.05	0.16	0.282
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	63	0.03	0.036	0.15	0.005	0.001	0.028	0.01	0.02	0.04	0.072
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	63	0.97	5.618	198.	0.05	756.176	27.499	0.504	0.69	1.17	1.542
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	63	0.6	0.582	1.6	0.04	0.077	0.278	0.24	0.4	0.7	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	65	0.05	0.06	0.19	0.005	0.001	0.028	0.03	0.04	0.08	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	48	0.02	0.028	0.16	0.005	0.001	0.027	0.01	0.01	0.03	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	7	3.4	3.214	5.	2.1	1.071	1.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	25	147.	141.76	220.	55.	1250.607	35.364	76.4	132.	156.	183.2
00940	CHLORIDE, TOTAL IN WATER MG/L	12	19.	18.5	25.	11.	14.636	3.826	11.9	16.	21.	24.1
00945	SULFATE, TOTAL (MG/L AS SO4)	12	28.	27.667	36.	17.	28.97	5.382	18.5	24.25	32.	34.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00951	FLUORIDE, TOTAL (MG/L AS F)	04/25/89-10/02/89	5	0.18	0.21	0.28	0.13	0.005	0.067	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/02/89-10/02/89	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/25/83-10/04/94	50 ##	2.25	2.86	21.	0.5	15.98	3.997	0.5	0.5	3.125	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/12/83-06/28/94	5	10.	11.58	19.	5.	42.982	6.556	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/16/88-08/16/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/25/83-10/04/94	50 ##	0.5	1.514	5.	0.1	2.567	1.602	0.5	0.5	1.5	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	5	0.7	0.722	1.	0.5	0.034	0.184	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	5	31.6	36.24	56.6	30.	130.108	11.406	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/25/83-10/04/94	50 ##	5.	9.72	33.	0.5	125.41	11.199	0.5	1.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	04/25/83-10/04/94	50 ##	10.	35.18	1070.	5.	22394.681	149.649	5.	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/12/83-06/28/94	5	37.	38.88	50.	32.	45.772	6.766	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	48	309.5	1000.833	28420.	50.	16498298.567	4061.81	90.	176.	522.5	1100.
01051	LEAD, TOTAL (UG/L AS PB)	04/25/83-10/04/94	49 ##	5.	7.592	104.	1.	325.038	18.029	1.	2.	5.	7.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/12/83-06/28/94	5	60.	81.34	158.	49.	2006.428	44.793	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/23/89-08/27/90	2	689.5	689.5	780.	599.	16380.5	127.986	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	49	40.	66.588	588.7	5.	8822.342	93.927	20.	25.	62.	150.
01059	THALLIUM, TOTAL (UG/L AS TL)	08/16/88-08/16/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	50 ##	24.5	22.88	67.	2.5	286.873	16.937	5.	5.	26.25	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/12/83-06/28/94	5	27.	26.92	33.4	20.	35.492	5.958	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/25/83-10/04/94	50	20.	45.52	830.	2.5	15530.979	124.623	5.	10.	25.	57.6
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/12/83-06/28/94	5	182.	189.8	216.	159.	571.2	23.9	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	49 ##	1.	2.459	10.	0.5	7.644	2.765	0.5	0.5	2.5	5.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/83-06/28/94	6	6.	5.817	8.2	3.	4.106	2.026	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/90-08/07/95	6 ##	75.	91.667	200.	50.	3416.667	58.452	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/90-08/07/95	6 ##	1.849	1.9	2.301	1.699	0.06	0.246	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/90-10/01/90	4	15.585	29.498	85.12	1.7	1462.556	38.243	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/24/90-10/01/90	4	3.2	6.858	21.03	0.	93.253	9.657	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	4	3.9	23.038	84.3	0.05	1671.442	40.883	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	4	1.34	1.318	1.69	0.9	0.118	0.343	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	08/16/88-06/28/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/12/83-07/12/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	06/28/94-10/04/94	4	153.5	158.25	184.	142.	412.25	20.304	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/08/83-10/04/83	5	7.3	6.36	9.2	0.6	11.933	3.454	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/28/94-06/27/95	7 ##	0.005	0.016	0.03	0.005	0.	0.013	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/25/83-10/04/94	52 ##	0.15	0.16	0.5	0.1	0.003	0.053	0.15	0.15	0.15	0.15
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/12/83-06/28/94	5	0.2	0.17	0.25	0.1	0.005	0.067	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	06/28/94-06/28/94	2	13.75	13.75	16.	11.5	10.125	3.182	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Obs	Exceed	Obs	Exceed	Obs	Exceed	Prop.				
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14	1	1	1.00	2	0	0.00	4	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00				5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72	9	0.13	31	3	0.10	5	0	0.00	36	6	0.17			
00400	PH	Other-Hi Lim.	9.	85	0	0.00	37	0	0.00	5	0	0.00	43	0	0.00			
		Other-Lo Lim.	6.5	85	0	0.00	37	0	0.00	5	0	0.00	43	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	66	0	0.00	29	0	0.00	4	0	0.00	33	0	0.00			
	Other-Lo Lim.	6.5	66	0	0.00	29	0	0.00	4	0	0.00	33	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	63	0	0.00	26	0	0.00	4	0	0.00	33	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	63	2	0.03	26	2	0.08	4	0	0.00	33	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	3	0	0.00				9	0	0.00			
	Drinking Water	250.	12	0	0.00	3	0	0.00				9	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	3	0	0.00				9	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	1	0	0.00				4	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
	Drinking Water	50.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	1	0	0.00	1	0	0.00									
01027 CADMIUM, TOTAL	Fresh Acute	3.9	42 &	0	0.00	19	0	0.00	5	0	0.00	18	0	0.00			
	Drinking Water	5.	42 &	0	0.00	19	0	0.00	5	0	0.00	18	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	38 &	6	0.16	19	6	0.32	1	0	0.00	18	0	0.00			
	Drinking Water	1300.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	49	1	0.02	23	1	0.04	5	0	0.00	21	0	0.00			
	Drinking Water	15.	49	3	0.06	23	3	0.13	5	0	0.00	21	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
01067 NICKEL, TOTAL	Fresh Acute	1400.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
	Drinking Water	100.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	50	4	0.08	23	3	0.13	5	0	0.00	22	1	0.05			
	Drinking Water	5000.	50	0	0.00	23	0	0.00	5	0	0.00	22	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	49	0	0.00	22	0	0.00	5	0	0.00	22	0	0.00			
	Drinking Water	50.	49	0	0.00	22	0	0.00	5	0	0.00	22	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	1	0.17	3	1	0.33				3	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
50060 CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	5	5	1.00	5	5	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	52	0	0.00	23	0	0.00	5	0	0.00	24	0	0.00			
	Drinking Water	2.	52	0	0.00	23	0	0.00	5	0	0.00	24	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	12	24.	22.017	28.	9.8	41.8	6.465	9.86	18.925	27.25	28.
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	9	8.7	7.278	10.8	0.6	12.777	3.574	0.6	4.35	10.1	10.8
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	12	7.775	7.733	8.1	7.2	0.091	0.302	7.26	7.425	8.	8.07
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	12	7.769	7.634	8.1	7.2	0.102	0.319	7.26	7.425	8.	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	12	0.017	0.023	0.063	0.008	0.	0.017	0.009	0.01	0.038	0.056

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	16	18.75	19.	27.	12.	26.867	5.183	12.	14.125	23.5	27.
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	16	9.6	8.762	14.6	1.4	20.281	4.503	1.47	5.5	11.8	14.6
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	16	8.2	7.916	8.5	7.2	0.258	0.508	7.27	7.4	8.375	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	16	8.2	7.662	8.5	7.2	0.327	0.572	7.27	7.4	8.375	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	16	0.006	0.022	0.063	0.003	0.	0.021	0.003	0.004	0.04	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	9	21.	21.178	26.5	13.	24.774	4.977	13.	17.15	26.5	26.5
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	9	7.2	6.833	13.4	1.	18.343	4.283	1.	2.6	10.15	13.4
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	11	7.9	7.885	8.7	7.18	0.337	0.581	7.18	7.28	8.45	8.668
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	11	7.9	7.585	8.7	7.18	0.436	0.66	7.18	7.28	8.45	8.668
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	11	0.013	0.026	0.066	0.002	0.001	0.027	0.002	0.004	0.052	0.066

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	4	18.	20.225	28.8	16.1	33.482	5.786	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	4	8.4	8.65	9.8	8.	0.623	0.79	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	4	7.05	7.275	8.2	6.8	0.394	0.628	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	4	7.05	7.067	8.2	6.8	0.452	0.672	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	4	0.089	0.086	0.158	0.006	0.004	0.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	9	13.3	14.878	23.4	12.	12.602	3.55	12.	12.4	16.	23.4
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	9	10.2	7.7	10.2	0.2	18.365	4.285	0.2	4.5	10.2	10.2
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	9	7.7	7.798	8.	7.65	0.023	0.15	7.65	7.68	7.985	8.
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	9	7.7	7.776	8.	7.65	0.023	0.152	7.65	7.68	7.985	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	9	0.02	0.017	0.022	0.01	0.	0.005	0.01	0.01	0.021	0.022

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	10	17.6	20.01	29.1	13.7	34.683	5.889	13.82	14.9	26.625	28.95
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	10	8.3	8.03	10.1	4.7	3.176	1.782	4.75	7.225	9.375	10.05
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	10	7.7	7.75	8.5	7.15	0.299	0.547	7.15	7.225	8.275	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	10	7.689	7.501	8.5	7.15	0.368	0.607	7.15	7.225	8.275	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	10	0.02	0.032	0.071	0.003	0.001	0.029	0.003	0.006	0.06	0.071

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	7	22.3	20.957	26.6	14.7	22.143	4.706	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	7	8.5	8.143	11.9	5.9	4.613	2.148	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	7	8.	8.08	8.9	7.5	0.29	0.539	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	7	8.	7.861	8.9	7.5	0.346	0.588	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	7	0.01	0.014	0.032	0.001	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	8	21.6	21.55	26.6	16.	12.663	3.558	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	8	8.35	8.65	15.3	4.5	9.963	3.156	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	8	7.95	7.981	8.8	7.3	0.206	0.454	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	8	7.925	7.8	8.8	7.3	0.244	0.494	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	8	0.012	0.016	0.05	0.002	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	4	21.45	21.925	26.2	18.6	15.342	3.917	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	4	8.35	8.3	8.5	8.	0.047	0.216	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	4	8.347	8.257	8.5	8.	0.049	0.222	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	4	0.004	0.006	0.01	0.003	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	4	20.55	21.275	28.7	15.3	44.429	6.666	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	4	8.185	8.255	8.85	7.8	0.244	0.494	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	4	8.098	8.08	8.85	7.8	0.285	0.534	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	4	0.008	0.008	0.016	0.001	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37	23.	22.143	29.1	13.3	22.793	4.774	16.14	18.45	26.55	28.14
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	13	320.	307.385	433.	130.	7111.423	84.329	142.8	276.5	366.	412.6
00300	OXYGEN, DISSOLVED MG/L	31	9.1	8.387	15.3	0.6	12.02	3.467	2.06	6.3	10.2	11.98
00400	PH (STANDARD UNITS)	37	8.	8.073	8.9	7.2	0.187	0.432	7.4	7.75	8.4	8.688
00400	CONVERTED PH (STANDARD UNITS)	37	8.	7.869	8.9	7.2	0.229	0.479	7.4	7.75	8.4	8.688
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	37	0.01	0.014	0.063	0.001	0.	0.014	0.002	0.004	0.018	0.04
00403	PH, LAB, STANDARD UNITS SU	29	8.2	8.19	8.9	7.3	0.127	0.356	7.7	8.05	8.4	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	29	8.2	8.026	8.9	7.3	0.154	0.393	7.7	8.05	8.4	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	29	0.006	0.009	0.05	0.001	0.	0.011	0.002	0.004	0.009	0.02
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	29	127.	124.241	148.	62.	269.19	16.407	104.	119.5	133.	142.
00500	RESIDUE, TOTAL (MG/L)	29	233.	232.483	301.	45.	2008.687	44.818	205.	213.	258.5	281.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	28	54.	52.607	79.	13.	219.655	14.821	31.2	44.5	59.75	75.1
00510	RESIDUE, TOTAL FIXED (MG/L)	29	185.	186.897	232.	148.	557.882	23.62	152.	169.5	206.5	227.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	29	10.	13.379	86.	2.	250.869	15.839	2.5	6.5	14.	31.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	29	5.	4.431	9.	1.	3.584	1.893	2.	2.5	5.5	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	29	5.	9.138	77.	0.	220.873	14.862	0.5	2.	9.5	26.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	26 ##	0.05	0.093	0.4	0.02	0.008	0.088	0.047	0.05	0.113	0.23
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	26	0.03	0.03	0.05	0.005	0.	0.011	0.02	0.02	0.04	0.043
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	26	1.075	12.32	198.	0.05	1795.602	42.375	0.495	0.723	1.445	30.744
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	26	0.6	0.648	1.2	0.3	0.033	0.182	0.4	0.588	0.725	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	26	0.05	0.062	0.19	0.03	0.001	0.036	0.03	0.04	0.083	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	20	0.015	0.022	0.16	0.005	0.001	0.033	0.01	0.01	0.02	0.029
01002	ARSENIC, TOTAL (UG/L AS AS)	23 ##	2.	3.87	21.	0.5	30.755	5.546	0.5	1.	5.	14.
01027	CADMIUM, TOTAL (UG/L AS CD)	23 ##	0.5	1.487	5.	0.1	2.898	1.702	0.5	0.5	1.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	23 ##	5.	9.674	33.	0.5	143.468	11.978	0.5	0.5	25.	28.6
01042	COPPER, TOTAL (UG/L AS CU)	23	10.	62.13	1070.	5.	48383.482	219.962	5.	10.	25.	42.6
01045	IRON, TOTAL (UG/L AS FE)	21	309.	1649.333	28420.	80.	37659031.033	6136.695	84.	160.	525.	685.6
01051	LEAD, TOTAL (UG/L AS PB)	23 ##	5.	11.87	104.	1.	669.391	25.873	1.2	2.	5.	55.
01055	MANGANESE, TOTAL (UG/L AS MN)	22	30.	77.395	588.7	5.	16308.688	127.705	13.	23.75	61.	207.
01067	NICKEL, TOTAL (UG/L AS NI)	23 ##	25.	24.87	50.	5.	241.119	15.528	5.	10.	40.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	23	10.	70.087	830.	5.	32259.719	179.61	5.	10.	25.	258.2
01147	SELENIUM, TOTAL (UG/L AS SE)	22 ##	0.75	2.682	10.	0.5	9.013	3.002	0.5	0.5	5.	8.5
71900	MERCURY, TOTAL (UG/L AS HG)	23 ##	0.15	0.157	0.3	0.1	0.001	0.035	0.15	0.15	0.15	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5	16.1	16.26	18.	13.7	3.303	1.817	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2	413.5	413.5	439.	388.	1300.5	36.062	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	5	8.4	8.84	10.1	8.	0.723	0.85	**	**	**	**
00400	PH (STANDARD UNITS)	5	7.05	7.44	8.2	6.8	0.432	0.657	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	5	7.05	7.154	8.2	6.8	0.534	0.731	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.089	0.07	0.158	0.006	0.004	0.064	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	4	7.75	7.7	8.	7.3	0.127	0.356	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	4	7.682	7.595	8.	7.3	0.141	0.376	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.021	0.025	0.05	0.01	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	132.	130.5	136.	122.	41.667	6.455	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	4	268.	260.75	281.	226.	590.917	24.309	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	4	39.5	39.	54.	23.	188.667	13.736	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	4	222.	221.75	250.	193.	558.25	23.627	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4	6.	9.125	22.	2.5	77.063	8.779	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	4	3.5	3.625	5.	2.5	1.229	1.109	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	4	2.75	6.125	17.	2.	52.729	7.261	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4 ##	0.055	0.058	0.1	0.02	0.001	0.033	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	4	0.03	0.033	0.05	0.02	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/25/83-06/27/95	4	1.42	1.505	2.03	1.15	0.18	0.425	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/25/83-06/27/95	4	0.275	0.298	0.6	0.04	0.087	0.294	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	4 ##	0.05	0.045	0.05	0.03	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/25/83-10/04/94	5 ##	2.5	2.1	2.5	0.5	0.8	0.894	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/25/83-10/04/94	5 ##	1.5	1.3	1.5	0.5	0.2	0.447	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/25/83-10/04/94	5 ##	25.	20.1	25.	0.5	120.05	10.957	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/25/83-10/04/94	5 ##	25.	21.	25.	5.	80.	8.944	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	5	90.	132.	220.	50.	6020.	77.589	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/25/83-10/04/94	5 ##	5.	4.2	5.	1.	3.2	1.789	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	5 ##	25.	22.	25.	10.	45.	6.708	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	5 ##	25.	30.	50.	25.	125.	11.18	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/25/83-10/04/94	5 ##	25.	24.	25.	20.	5.	2.236	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	5 ##	2.5	2.1	2.5	0.5	0.8	0.894	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/25/83-10/04/94	5 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/83-08/07/95	41	17.6	18.659	27.5	9.8	29.709	5.451	12.	13.85	23.85	26.46
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	11	335.	322.636	359.	250.	1070.455	32.718	259.6	300.	349.	357.6
00300	OXYGEN, DISSOLVED MG/L	04/25/83-10/01/90	36	8.4	7.594	14.6	0.2	13.79	3.714	1.35	5.375	9.6	11.58
00400	PH (STANDARD UNITS)	04/25/83-08/07/95	43	7.68	7.761	8.7	7.15	0.203	0.451	7.188	7.3	8.1	8.488
00400	CONVERTED PH (STANDARD UNITS)	04/25/83-08/07/95	43	7.68	7.573	8.7	7.15	0.24	0.49	7.188	7.3	8.1	8.488
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	43	0.021	0.027	0.071	0.002	0.	0.022	0.003	0.008	0.05	0.065
00403	PH, LAB, STANDARD UNITS SU	04/25/83-08/07/95	33	8.	7.982	8.7	7.4	0.103	0.322	7.54	7.75	8.15	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	04/25/83-08/07/95	33	8.	7.874	8.7	7.4	0.115	0.34	7.54	7.75	8.15	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/83-08/07/95	33	0.01	0.013	0.04	0.002	0.	0.01	0.003	0.007	0.018	0.029
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/25/83-08/07/95	33	125.	116.909	144.	70.	481.523	21.944	78.4	109.	131.	143.2
00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	33	207.	208.758	276.	141.	1304.377	36.116	152.2	191.5	244.5	249.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	33	52.	51.03	82.	10.	269.843	16.427	31.	42.	62.	75.8
00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	33	158.	157.182	206.	96.	769.091	27.732	118.8	140.	173.5	202.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	33	11.	14.303	40.	0.5	106.89	10.339	5.	6.5	17.5	33.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	33	3.	3.47	7.	0.5	3.655	1.912	1.	2.	5.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	33	8.	11.03	37.	0.	91.952	9.589	1.6	4.	14.5	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/25/83-06/27/95	31	0.1	0.151	0.56	0.02	0.018	0.135	0.04	0.05	0.2	0.378
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/25/83-06/27/95	33	0.03	0.041	0.15	0.005	0.001	0.037	0.007	0.015	0.05	0.112
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/25/83-06/27/95	33	0.87	0.836	1.37	0.22	0.064	0.254	0.5	0.595	0.99	1.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/25/83-06/27/95	33	0.5	0.564	1.6	0.2	0.101	0.318	0.2	0.4	0.7	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	35	0.06	0.06	0.1	0.005	0.001	0.023	0.03	0.05	0.08	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	24	0.03	0.035	0.08	0.005	0.	0.021	0.01	0.02	0.05	0.065
01002	ARSENIC, TOTAL (UG/L AS AS)	04/25/83-10/04/94	22 ##	1.5	1.977	5.	0.5	2.845	1.687	0.5	0.5	2.5	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/25/83-10/04/94	22 ##	0.5	1.591	5.	0.5	2.896	1.702	0.5	0.5	1.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/25/83-10/04/94	22 ##	2.75	7.409	25.	0.5	88.206	9.392	0.65	1.	8.75	25.
01042	COPPER, TOTAL (UG/L AS CU)	04/25/83-10/04/94	22 ##	7.5	10.227	25.	5.	55.898	7.477	5.	5.	10.	25.
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	22	355.	579.273	2200.	120.	271413.541	520.974	150.	247.5	925.	1380.
01051	LEAD, TOTAL (UG/L AS PB)	04/25/83-10/04/94	21 ##	4.	3.714	8.	1.	3.414	1.848	1.	2.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	22	50.	65.914	290.	22.2	3251.899	57.025	28.53	37.5	70.	128.
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	22 ##	10.	19.182	67.	2.5	362.227	19.032	3.25	5.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/25/83-10/04/94	22	20.	24.727	170.	2.5	1217.898	34.898	3.25	10.	25.	52.8
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	22 ##	0.5	2.318	10.	0.5	8.203	2.864	0.5	0.5	2.5	8.5
71900	MERCURY, TOTAL (UG/L AS HG)	04/25/83-10/04/94	24 ##	0.15	0.165	0.5	0.15	0.005	0.071	0.15	0.15	0.15	0.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0098

NPS Station ID: BLRI0098 LAT/LON: 37.312781/ -79.816116
 Location: BEAVERDAM RESERVOIR-100' FROM DAM BEDFORD CO
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4A-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101131400.00 RF3 Mile Point: 0.62

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4AXKD003.34
 Within Park Boundary: No

Date Created: 05/19/90

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: UNNAMED TRIB TO NAT BRANCH SECTION: 06C TOPO MAP #: 0034 TOPO MAP NAME: STEWARTSVILLE, VA

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.15

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/77-07/13/95	3	27.4	27.4	28.5	26.3	1.21	1.1	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/95-07/13/95	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/13/95-07/13/95	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/28/77-07/13/95	2	26.	26.	30.	22.	32.	5.657	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/90-07/30/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/95-07/13/95	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/28/77-07/30/90	3	8.	6.2	10.2	0.4	26.44	5.142	**	**	**	**
00340 COD, 25N K2CR2O7 MG/L	07/30/90-07/30/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/28/77-07/13/95	4	8.22	8.428	9.4	7.87	0.448	0.669	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/28/77-07/13/95	4	8.22	8.188	9.4	7.87	0.524	0.724	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/28/77-07/13/95	4	0.006	0.006	0.013	0.	0.	0.005	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/30/90-07/13/95	2	6.65	6.65	6.7	6.6	0.005	0.071	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/30/90-07/13/95	2	6.647	6.647	6.7	6.6	0.005	0.071	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/90-07/13/95	2	0.225	0.225	0.251	0.2	0.001	0.037	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/30/90-07/13/95	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/30/90-07/13/95	2##	3.75	3.75	6.	1.5	10.125	3.182	**	**	**	**
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/30/90-07/13/95	2##	3.75	3.75	6.	1.5	10.125	3.182	**	**	**	**
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	07/30/90-07/13/95	2##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/77-07/13/95	3##	0.02	0.03	0.05	0.02	0.	0.017	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/77-07/13/95	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/77-07/13/95	3##	0.02	0.022	0.025	0.02	0.	0.003	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/77-07/13/95	3	0.5	0.6	1.1	0.2	0.21	0.458	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/28/77-07/13/95	3	0.1	0.077	0.1	0.03	0.002	0.04	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/77-09/28/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/90-07/30/90	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/30/90-07/30/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	07/13/95-07/13/95	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/90-07/30/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	07/13/95-07/13/95	2##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/90-07/30/90	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/90-07/30/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/13/95-07/13/95	2##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/13/95-07/13/95	2##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/90-07/30/90	1	46.	46.	46.	46.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/13/95-07/13/95	2	11045.	11045.	21800.	290.	231340050.	15209.867	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/13/95-07/13/95	2##	9.25	9.25	16.	2.5	91.125	9.546	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/13/95-07/13/95	2##	837.5	837.5	1650.	25.	1320312.5	1149.049	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/13/95-07/13/95	2##	25.	25.	25.	25.	0.	0.	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	07/30/90-07/30/90	1	15.	15.	15.	15.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/13/95-07/13/95	2##	37.5	37.5	50.	25.	312.5	17.678	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/90-07/30/90	1	92.	92.	92.	92.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/13/95-07/13/95	2##	5.	5.	5.	5.	0.	0.	**	**	**
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/13/95-07/13/95	1##	9.	9.	9.	9.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/13/95-07/13/95	1##	0.954	0.954	0.954	0.954	0.	0.	**	**	**
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	09/28/77-07/30/90	2##	54.5	54.5	100.	9.	4140.5	64.347	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/28/77-07/30/90	2##	1.477	1.477	2.	0.954	0.547	0.739	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/28/77-07/30/90	2##	30.	30.	30.	30.	0.	0.	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/28/77-07/30/90	2	35.51	35.51	46.2	24.82	228.552	15.118	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/30/90-07/30/90	1	36.4	36.4	36.4	36.4	0.	0.	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/30/90-07/30/90	1	15.7	15.7	15.7	15.7	0.	0.	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	07/30/90-07/30/90	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
34671	PCB - 1016 TOTWUG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	07/13/95-07/13/95	2##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/13/95-07/13/95	2##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.05	0.037	0.05	0.01	0.001	0.023	**	**	**
39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	07/30/90-07/13/95	2##	72.5	72.5	120.	25.	4512.5	67.175	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/95-07/13/95	1##	80.	80.	80.	80.	0.	0.	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39340	GAMMA-BHC(LINDANE) WHOLE WATER, UG/L	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39351	CHLORDANE(TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	07/30/90-07/13/95	2##	62.75	62.75	125.	0.5	7750.125	88.035	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	2##	35.025	35.025	70.	0.05	2446.501	49.462	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	2##	37.525	37.525	75.	0.05	2808.751	52.998	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	2##	32.525	32.525	65.	0.05	2109.251	45.927	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/30/90-07/13/95	2##	40.025	40.025	80.	0.05	3196.001	56.533	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.025	0.02	0.025	0.01	0.	0.009	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	2##	62.525	62.525	125.	0.05	7806.251	88.353	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/30/90-07/13/95	2##	187.75	187.75	375.	0.5	70125.125	264.811	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/30/90-07/13/95	2##	57.5	57.5	65.	50.	112.5	10.607	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/30/90-07/13/95	3##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/30/90-07/13/95	3##	0.25	0.17	0.25	0.01	0.019	0.139	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39526	PCBS TOTAL, IN SEDIMENT, DRY (ISOMER ANALYSES) UG/KG	07/30/90-07/13/95	2##	345.	345.	500.	190.	48050.	219.203	**	**	**
39560	DEMOTON IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	2##	0.15	0.15	0.15	0.15	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/13/95-07/13/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	07/13/95-07/13/95	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/95-07/13/95	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/95-07/13/95	2##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/90-07/30/90	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	07/30/90-07/13/95	2##	65.	65.	80.	50.	450.	21.213	**	**	**	
77825	ALACHLOR WHOLE WATER,UG/L	07/13/95-07/13/95	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/30/90-07/13/95	2##	85.	85.	120.	50.	2450.	49.497	**	**	**	
81281	KEPONE(C10CL100) WHOLE WATER SAMPLE UG/L	07/13/95-07/13/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0098

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	4.	3	1	0.33	3	1	0.33									
00400	PH	9.	4	1	0.25	4	1	0.25									
		6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	9.	2	0	0.00	2	0	0.00									
		6.5	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	10.	3	0	0.00	3	0	0.00									
01002	ARSENIC, TOTAL	360.	2	0	0.00	2	0	0.00									
		50.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	3.9	2	0	0.00	2	0	0.00									
		5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	18.	0 &	0	0.00												
		1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	82.	2	0	0.00	2	0	0.00									
		15.	2	1	0.50	2	1	0.50									
01067	NICKEL, TOTAL	1400.	2	0	0.00	2	0	0.00									
		100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	120.	2	0	0.00	2	0	0.00									
		5000.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	20.	2	0	0.00	2	0	0.00									
		50.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	2	0	0.00	2	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	0.22	3	0	0.00	3	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	0.22	3	0	0.00	3	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	20.	3	0	0.00	3	0	0.00									
		1.	3	0	0.00	3	0	0.00									
39033	ATRAZINE IN WHOLE WATER SAMPLE	3.	2	0	0.00	2	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.1	3	0	0.00	3	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	0.6	3	0	0.00	3	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	1050.	3	0	0.00	3	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	2.	3	0	0.00	3	0	0.00									
		0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	2.4	2	0	0.00	2	0	0.00									
		2.	2	0	0.00	2	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	2.5	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	3	0	0.00	3	0	0.00									
		2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	0.73	3	0	0.00	3	0	0.00									
		3.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0098

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00										
	Drinking Water	0.4	3	0	0.00	3	0	0.00										
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00										
	Drinking Water	0.2	3	0	0.00	3	0	0.00										
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00										
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0099

NPS Station ID: BLRI0099
 Location: SMITH MTN. LAKE, MCVEIGH FORD
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 03010101002802.55

LAT/LON: 37.216115/ -79.838615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.56

Agency: 21VASWCB
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): 4AROA196.05
 Within Park Boundary: No

Date Created: 10/10/87

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.50
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD LAKE STUDIES BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ROANOKE RIVER SECTION: 05 TOPO MAP #: 0035 TOPO MAP NAME: HARDY, VA

Parameter Inventory for Station: BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	123	22.	20.348	31.1	9.8	21.384	4.624	12.94	16.7	23.9	25.84
00070	TURBIDITY, (JACKSON CANDLE UNITS)	7	3.5	13.114	67.	1.9	569.458	23.863	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	5	7.5	8.74	18.7	3.6	33.673	5.803	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	5	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	26	350.	339.885	488.	130.	7355.386	85.764	209.3	300.	380.75	467.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	367.	372.556	445.	265.	2613.028	51.118	265.	354.	411.5	445.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	7	8.3	7.886	9.5	6.3	1.171	1.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	116	8.	8.06	12.4	3.8	3.036	1.742	5.8	7.	9.4	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	7	3.	3.	4.	2.	0.333	0.577	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	5	8.	7.8	14.	1.	33.7	5.805	**	**	**	**
00400	PH (STANDARD UNITS)	122	7.8	7.797	9.2	6.7	0.249	0.499	7.2	7.5	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	122	7.8	7.529	9.2	6.7	0.322	0.567	7.2	7.5	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	122	0.016	0.03	0.2	0.001	0.002	0.039	0.003	0.008	0.032	0.063
00403	PH, LAB, STANDARD UNITS SU	72	8.	7.985	8.5	7.	0.069	0.264	7.63	7.8	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	72	8.	7.889	8.5	7.	0.079	0.281	7.63	7.8	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	72	0.01	0.013	0.1	0.003	0.	0.013	0.005	0.006	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	72	132.5	126.306	156.	42.	536.187	23.156	83.	121.	140.	148.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	71	251.	306.563	4580.	85.	266717.364	516.447	185.	212.	278.	294.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	71	55.	63.472	936.	2.	11469.478	107.096	17.	37.	66.	76.6
00510	RESIDUE, TOTAL FIXED (MG/L)	71	193.	244.113	3644.	69.	169509.587	411.715	150.6	167.	220.	270.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	71	10.	18.092	141.	0.5	542.738	23.297	2.5	5.	20.	44.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	70	3.	3.993	15.	0.	9.569	3.093	0.55	2.	5.25	8.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	71	7.	14.394	126.	0.	427.978	20.688	1.6	3.	15.	36.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	95	0.1	0.218	1.199	0.005	0.083	0.288	0.04	0.05	0.25	0.8
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	97	0.02	0.067	0.43	0.005	0.009	0.093	0.01	0.01	0.1	0.236
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	97	1.21	1.232	2.71	0.005	0.345	0.587	0.566	0.835	1.685	1.99
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	97	0.5	0.607	2.	0.05	0.137	0.37	0.3	0.4	0.8	1.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	69	0.06	0.074	0.35	0.02	0.003	0.053	0.03	0.04	0.1	0.13
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	53	0.04	0.051	0.3	0.01	0.002	0.044	0.02	0.03	0.06	0.086
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	8	2.85	3.738	9.	2.	5.394	2.323	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	30	163.	153.867	237.	56.	1853.844	43.056	75.	141.5	178.	211.6
00940	CHLORIDE, TOTAL IN WATER MG/L	12	18.5	17.25	24.	4.	33.477	5.786	5.8	14.5	21.5	24.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/89-08/07/95	12	26.5	25.417	32.	11.	42.811	6.543	12.8	22.	31.	32.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/25/89-10/02/89	5	0.27	0.248	0.34	0.13	0.006	0.079	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/02/89-10/02/89	1	23.7	23.7	23.7	23.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-10/04/94	55 ##	2.	2.191	9.	0.5	3.69	1.921	0.5	0.5	2.5	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/15/76-06/28/94	6	3.1	3.092	5.	2.	1.222	1.106	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/16/88-08/16/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-10/04/94	57 ##	1.5	1.898	5.	0.1	3.386	1.84	0.5	0.5	3.5	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	6 ##	0.15	0.206	0.5	0.	0.035	0.187	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	6	16.645	17.465	23.	14.5	10.007	3.163	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-10/04/94	59 ##	5.	8.432	25.	0.5	81.53	9.029	1.	1.	10.	25.
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-10/04/94	58 ##	10.	14.241	60.	5.	102.537	10.126	5.	5.	21.25	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/15/76-06/28/94	6	10.345	10.515	14.	7.5	7.793	2.792	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	50	360.	1357.86	20350.	100.	14891452.776	3858.945	170.	277.5	532.5	1990.
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-10/04/94	59	5.	7.525	80.	0.5	161.788	12.72	1.5	3.	5.	12.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/15/76-06/28/94	6	23.745	29.648	55.1	17.	228.791	15.126	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/27/90-08/27/90	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	50	43.	162.982	3463.	5.	327877.996	572.606	25.	30.	60.	89.
01059	THALLIUM, TOTAL (UG/L AS TL)	08/16/88-08/16/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/14/73-06/15/76	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	50 ##	22.5	28.06	250.	2.5	1594.904	39.936	5.	5.	32.5	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/15/76-06/28/94	6	8.85	7.211	10.	1.665	12.299	3.507	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-10/04/94	59	20.	34.153	500.	2.5	4286.778	65.473	10.	10.	30.	52.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/15/76-06/28/94	6	93.65	94.367	113.	83.	110.771	10.525	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	49 ##	1.	2.214	10.	0.5	6.281	2.506	0.5	0.5	2.5	5.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/83-06/28/94	6 ##	1.75	2.575	6.	0.85	4.4	2.098	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-08/07/95	44 ##	75.	1153.523	16000.	5.	8429197.186	2903.308	50.	50.	550.	4900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-08/07/95	44 ##	1.849	2.22	4.204	0.699	0.62	0.788	1.699	1.699	2.734	3.679
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			165.858								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/24/90-10/01/90	4	1.09	5.733	19.8	0.95	87.958	9.379	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	4	0.8	3.1	10.	0.8	21.16	4.6	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/90-10/01/90	4	0.38	4.21	15.9	0.18	60.749	7.794	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO.BEFORE/AFTER ACID	04/24/90-10/01/90	4	1.06	1.055	1.1	1.	0.002	0.044	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/16/88-06/28/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/16/88-06/28/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/16/88-06/28/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	06/28/94-10/04/94	3	136.	148.	175.	133.	549.	23.431	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	08/08/83-10/04/83	3	7.9	7.8	8.4	7.1	0.43	0.656	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	08/11/71-06/15/76	29	0.1	0.141	0.4	0.05	0.013	0.113	0.05	0.05	0.2	0.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-06/27/95	35	0.05	0.097	0.37	0.01	0.009	0.097	0.026	0.04	0.1	0.284
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-10/04/94	61 ##	0.15	0.213	2.5	0.05	0.094	0.307	0.15	0.15	0.15	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/15/76-06/28/94	6 ##	0.125	0.15	0.3	0.05	0.013	0.114	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	06/28/94-06/28/94	2	20.85	20.85	30.	11.7	167.445	12.94	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0099

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14	1	1	1.00	2	0	0.00	4	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	2	0	0.00				3	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00				5	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	116	1	0.01	51	1	0.02	10	0	0.00	55	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0099

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH		9	122	2	0.02	52	1	0.02	10	0	0.00	60	1	0.02			
	Other-Hi Lim.		9	122	0	0.00	52	0	0.00	10	0	0.00	60	0	0.00			
	Other-Lo Lim.	6.5	122	0	0.00	52	0	0.00	10	0	0.00	60	0	0.00				
00403	PH, LAB		9	72	0	0.00	28	0	0.00	5	0	0.00	39	0	0.00			
	Other-Hi Lim.		9	72	0	0.00	28	0	0.00	5	0	0.00	39	0	0.00			
	Other-Lo Lim.	6.5	72	0	0.00	28	0	0.00	5	0	0.00	39	0	0.00				
00615	NITRITE NITROGEN, TOTAL AS N		1.	97	0	0.00	41	0	0.00	7	0	0.00	49	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N		10.	97	0	0.00	41	0	0.00	7	0	0.00	49	0	0.00			
00940	CHLORIDE, TOTAL IN WATER		860.	12	0	0.00	3	0	0.00				9	0	0.00			
	Fresh Acute		860.	12	0	0.00	3	0	0.00				9	0	0.00			
	Drinking Water		250.	12	0	0.00	3	0	0.00				9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)		250.	12	0	0.00	3	0	0.00				9	0	0.00			
	Drinking Water		250.	12	0	0.00	3	0	0.00				9	0	0.00			
00951	FLUORIDE, TOTAL AS F		4.	5	0	0.00	1	0	0.00				4	0	0.00			
01002	ARSENIC, TOTAL		360.	55	0	0.00	21	0	0.00	6	0	0.00	28	0	0.00			
	Fresh Acute		360.	55	0	0.00	21	0	0.00	6	0	0.00	28	0	0.00			
	Drinking Water		50.	55	0	0.00	21	0	0.00	6	0	0.00	28	0	0.00			
01012	BERYLLIUM, TOTAL		130.	1	0	0.00	1	0	0.00									
	Fresh Acute		130.	1	0	0.00	1	0	0.00									
	Drinking Water		4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL		3.9	43 &	0	0.00	16	0	0.00	6	0	0.00	21	0	0.00			
	Fresh Acute		3.9	43 &	0	0.00	16	0	0.00	6	0	0.00	21	0	0.00			
	Drinking Water		5.	43 &	0	0.00	16	0	0.00	6	0	0.00	21	0	0.00			
01034	CHROMIUM, TOTAL		100.	59	0	0.00	25	0	0.00	6	0	0.00	28	0	0.00			
01042	COPPER, TOTAL		18.	46 &	10	0.22	21	5	0.24	2	1	0.50	23	4	0.17			
	Fresh Acute		18.	46 &	10	0.22	21	5	0.24	2	1	0.50	23	4	0.17			
	Drinking Water		1300.	58	0	0.00	25	0	0.00	6	0	0.00	27	0	0.00			
01051	LEAD, TOTAL		82.	59	0	0.00	25	0	0.00	6	0	0.00	28	0	0.00			
	Fresh Acute		82.	59	0	0.00	25	0	0.00	6	0	0.00	28	0	0.00			
	Drinking Water		15.	58 &	4	0.07	25	3	0.12	6	0	0.00	27	1	0.04			
01059	THALLIUM, TOTAL		1400.	1	0	0.00	1	0	0.00									
	Fresh Acute		1400.	1	0	0.00	1	0	0.00									
	Drinking Water		2.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED		1400.	3	0	0.00	2	0	0.00				1	0	0.00			
	Fresh Acute		1400.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water		100.	3	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL		1400.	50	0	0.00	19	0	0.00	6	0	0.00	25	0	0.00			
	Fresh Acute		1400.	50	0	0.00	19	0	0.00	6	0	0.00	25	0	0.00			
	Drinking Water		100.	49 &	1	0.02	18	0	0.00	6	0	0.00	25	1	0.04			
01092	ZINC, TOTAL		120.	59	2	0.03	25	2	0.08	6	0	0.00	28	0	0.00			
	Fresh Acute		120.	59	2	0.03	25	2	0.08	6	0	0.00	28	0	0.00			
	Drinking Water		5000.	59	0	0.00	25	0	0.00	6	0	0.00	28	0	0.00			
01147	SELENIUM, TOTAL		20.	49	0	0.00	18	0	0.00	6	0	0.00	25	0	0.00			
	Fresh Acute		20.	49	0	0.00	18	0	0.00	6	0	0.00	25	0	0.00			
	Drinking Water		50.	49	0	0.00	18	0	0.00	6	0	0.00	25	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH		200.	44	15	0.34	25	10	0.40	3	1	0.33	16	4	0.25			
50060	CHLORINE, TOTAL RESIDUAL		0.019	3	3	1.00	3	3	1.00									
71900	MERCURY, TOTAL		2.4	61	1	0.02	25	1	0.04	6	0	0.00	30	0	0.00			
	Fresh Acute		2.4	61	1	0.02	25	1	0.04	6	0	0.00	30	0	0.00			
	Drinking Water		2.	61	1	0.02	25	1	0.04	6	0	0.00	30	0	0.00			
82078	TURBIDITY, FIELD		50.	2	0	0.00							2	0	0.00			
	Other-Hi Lim.		50.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	6	23.9	22.233	26.1	12.8	24.423	4.942	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	6	8.5	8.533	9.6	7.4	0.843	0.918	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	6	7.55	7.717	8.7	7.	0.43	0.655	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	6	7.547	7.422	8.7	7.	0.534	0.73	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	6	0.028	0.038	0.1	0.002	0.001	0.038	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	9	22.2	23.222	31.1	16.7	18.257	4.273	16.7	20.3	26.4	31.1
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	10	9.	8.86	12.2	6.4	2.916	1.708	6.4	7.75	9.85	11.98
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	9	8.	8.044	9.1	6.7	0.693	0.832	6.7	7.25	8.8	9.1
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	9	8.	7.423	9.1	6.7	1.127	1.062	6.7	7.25	8.8	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	9	0.01	0.038	0.2	0.001	0.004	0.065	0.001	0.002	0.057	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	4	22.8	22.25	26.7	16.7	27.21	5.216	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	4	9.85	10.075	12.4	8.2	3.009	1.735	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	4	8.5	8.6	9.2	8.2	0.207	0.455	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	4	8.455	8.458	9.2	8.2	0.234	0.483	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	4	0.004	0.003	0.006	0.001	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	7	22.2	21.243	25.6	13.9	16.44	4.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	7	4.8	4.957	6.	3.8	0.62	0.787	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	7	7.8	7.757	8.	7.5	0.043	0.207	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	7	7.8	7.715	8.	7.5	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	7	0.016	0.019	0.032	0.01	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	9	23.3	23.167	26.7	15.6	11.745	3.427	15.6	21.4	25.6	26.7
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	9	6.2	6.633	9.2	5.6	1.195	1.093	5.6	5.85	7.	9.2
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	9	7.9	7.956	8.5	7.5	0.093	0.305	7.5	7.75	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	9	7.9	7.869	8.5	7.5	0.101	0.318	7.5	7.75	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	9	0.013	0.014	0.032	0.003	0.	0.009	0.003	0.006	0.018	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	2	21.1	21.1	23.3	18.9	9.68	3.111	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	2	6.1	6.1	6.4	5.8	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	2	7.382	7.382	7.7	7.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	2	0.042	0.042	0.063	0.02	0.001	0.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	8	23.45	20.2	26.	9.8	45.277	6.729	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	7	7.9	8.471	11.	7.	3.012	1.736	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	8	7.8	7.719	8.	7.4	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	8	7.8	7.682	8.	7.4	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	8	0.016	0.021	0.04	0.01	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	13	18.4	19.208	25.	11.5	24.881	4.988	11.5	14.95	23.5	24.6
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	13	10.	8.831	10.4	6.8	2.311	1.52	6.8	7.15	10.	10.4
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	13	7.6	7.485	7.7	7.1	0.06	0.244	7.1	7.2	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	13	7.6	7.416	7.7	7.1	0.065	0.255	7.1	7.2	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	13	0.025	0.038	0.079	0.02	0.001	0.024	0.02	0.02	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	8	21.	20.35	25.5	14.	19.609	4.428	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	8	7.2	7.338	9.8	4.6	3.5	1.871	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	9	7.72	7.479	8.4	6.7	0.46	0.678	6.7	6.795	8.08	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	9	7.72	7.103	8.4	6.7	0.619	0.787	6.7	6.795	8.08	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	9	0.019	0.079	0.2	0.004	0.007	0.085	0.004	0.008	0.164	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	11	21.2	19.218	22.	15.8	9.336	3.055	15.82	15.9	22.	22.
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	11	8.	8.055	8.6	7.6	0.135	0.367	7.62	7.8	8.5	8.6
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	10	7.5	7.53	7.9	7.25	0.066	0.257	7.25	7.288	7.8	7.89
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	10	7.489	7.466	7.9	7.25	0.071	0.266	7.25	7.288	7.8	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	10	0.032	0.034	0.056	0.013	0.	0.018	0.013	0.016	0.052	0.056

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	12	17.15	18.1	26.8	12.5	33.951	5.827	12.5	12.6	24.05	26.17
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	12	9.15	8.742	10.8	5.2	4.217	2.054	5.2	7.8	10.525	10.74
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	12	7.9	7.85	8.5	7.2	0.144	0.38	7.2	7.65	8.113	8.395
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	12	7.889	7.688	8.5	7.2	0.173	0.416	7.2	7.65	8.112	8.395
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	12	0.013	0.021	0.063	0.003	0.	0.021	0.004	0.008	0.023	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	12	16.8	18.742	26.6	12.9	22.957	4.791	12.99	16.075	23.525	26.48
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	12	8.05	8.008	11.5	5.2	2.688	1.64	5.62	6.775	8.275	11.11
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	11	7.7	7.699	8.67	6.85	0.328	0.572	6.85	7.35	8.1	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	11	7.7	7.386	8.67	6.85	0.435	0.66	6.85	7.35	8.1	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	11	0.02	0.041	0.141	0.002	0.003	0.051	0.003	0.008	0.045	0.141

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	7	22.	20.371	24.7	16.3	13.229	3.637	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	7	7.6	8.314	9.7	7.5	1.011	1.006	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	7	7.9	7.937	8.3	7.7	0.059	0.244	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	7	7.9	7.885	8.3	7.7	0.063	0.25	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	7	0.013	0.013	0.02	0.005	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	8	20.7	20.638	23.5	17.7	5.766	2.401	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	8	8.3	8.463	9.9	7.6	0.668	0.818	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	8	7.9	7.905	8.47	7.47	0.149	0.385	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	8	7.889	7.776	8.47	7.47	0.167	0.409	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	8	0.013	0.017	0.034	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	3	22.5	20.9	22.8	17.4	9.21	3.035	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	3	8.1	8.183	8.35	8.1	0.021	0.144	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	3	8.1	8.168	8.35	8.1	0.021	0.145	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	3	0.008	0.007	0.008	0.004	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	4	17.2	18.5	26.3	13.3	40.047	6.328	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	4	8.5	8.368	8.7	7.77	0.168	0.409	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	4	8.5	8.199	8.7	7.77	0.205	0.453	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	4	0.003	0.006	0.017	0.002	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	54	23.9	22.693	31.1	13.	14.937	3.865	17.05	19.175	25.6	26.7
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	12	360.	331.75	459.	130.	10186.568	100.929	139.3	292.25	391.25	455.1
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	51	7.7	7.653	12.4	3.8	3.039	1.743	5.2	6.4	9	9.88
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	52	7.76	7.835	9.2	6.7	0.225	0.474	7.2	7.525	8.075	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	52	7.758	7.608	9.2	6.7	0.277	0.527	7.2	7.525	8.075	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	52	0.017	0.025	0.2	0.001	0.001	0.031	0.003	0.008	0.03	0.063
00403	PH, LAB, STANDARD UNITS SU	07/20/72-08/07/95	28	8.1	8.096	8.5	7.6	0.056	0.236	7.79	7.9	8.3	8.41
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-08/07/95	28	8.1	8.033	8.5	7.6	0.06	0.245	7.79	7.9	8.3	8.41
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-08/07/95	28	0.008	0.009	0.025	0.003	0.	0.005	0.004	0.005	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-08/07/95	28	138.5	132.679	155.	42.	643.263	25.363	108.7	130.75	146.75	150.1
00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	27	276.	268.	398.	85.	2299.385	47.952	236.2	250.	285.	297.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	27	57.	49.852	82.	2.	577.516	24.032	2.	37.	67.	78.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	27	209.	218.222	341.	69.	2291.564	47.87	184.	194.	243.	277.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	27	6.	13.352	141.	0.5	685.9	26.19	1.4	5.	14.	20.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	27	3.	3.019	15.	0.	8.086	2.844	0.4	1.5	4.	5.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	27	5.	10.556	126.	0.	561.026	23.686	0.5	2.	10.	18.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-06/27/95	41	0.1	0.234	1.149	0.005	0.087	0.295	0.042	0.05	0.35	0.75
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	41	0.02	0.074	0.43	0.005	0.01	0.101	0.01	0.01	0.11	0.254
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	41	1.59	1.378	2.71	0.005	0.455	0.674	0.232	0.935	1.915	2.084
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-06/27/95	41	0.55	0.635	2.	0.2	0.115	0.339	0.3	0.4	0.8	1.099
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	25	0.06	0.08	0.35	0.03	0.005	0.068	0.03	0.04	0.1	0.146
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	18	0.035	0.041	0.09	0.02	0.	0.019	0.02	0.03	0.05	0.072
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-10/04/94	21 ##	2.5	2.81	9.	0.5	5.637	2.374	0.5	0.5	5.	5.8
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-10/04/94	23 ##	1.5	2.139	5.	0.1	3.967	1.992	0.26	0.5	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-10/04/94	25 ##	5.	8.12	25.	0.5	71.423	8.451	0.8	1.5	11.5	25.
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-10/04/94	25	10.	13.52	30.	5.	66.427	8.15	5.	5.	20.	25.
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	19	400.	2504.263	20350.	210.	36774478.871	6064.196	230.	290.	600.	18979.
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-10/04/94	25 ##	5.	9.02	80.	1.5	235.614	15.35	1.8	3.5	8.	16.8
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	19	40.	352.816	3463.	25.	830452.423	911.292	25.	30.	50.	2275.5
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	19 ##	25.	34.684	250.	5.	3051.561	55.241	5.	5.	50.	60.
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-10/04/94	25	25.	49.2	500.	10.	9503.5	97.486	10.	15.	40.	100.
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	18 ##	1.	2.444	10.	0.5	6.82	2.612	0.5	0.5	5.	5.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	25	100.	1712.2	16000.	5.	13701846.	3701.6	50.	50.	1250.	6800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	25	2.	2.331	4.204	0.699	0.818	0.905	1.699	1.699	3.067	3.828
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			214.07								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-06/27/95	18	0.08	0.111	0.34	0.02	0.01	0.097	0.038	0.048	0.118	0.322
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-10/04/94	25 ##	0.15	0.276	2.5	0.05	0.224	0.473	0.11	0.15	0.25	0.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	10	13.55	14.27	16.3	12.8	2.416	1.554	12.81	12.9	16.	16.3
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	2	488.	488.	488.	488.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	10	9.	9.1	11.5	6.	2.938	1.714	6.1	8.125	10.6	11.41
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	10	7.75	7.73	8.15	7.25	0.137	0.37	7.25	7.288	8.113	8.15
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	10	7.747	7.592	8.15	7.25	0.158	0.397	7.25	7.288	8.112	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	10	0.018	0.026	0.056	0.007	0.	0.021	0.007	0.008	0.052	0.056
00403	PH, LAB, STANDARD UNITS SU	07/20/72-08/07/95	5	7.9	7.72	8.3	7.	0.267	0.517	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-08/07/95	5	7.9	7.475	8.3	7.	0.342	0.585	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-08/07/95	5	0.013	0.033	0.1	0.005	0.002	0.04	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-08/07/95	5	139.	136.4	141.	130.	25.3	5.03	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	5	291.	1135.2	4580.	246.	3708701.7	1925.799	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	5	52.	231.	936.	49.	155364.	394.162	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	5	227.	904.2	3644.	197.	2346025.7	1531.674	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	5	7.	9.5	22.	2.5	62.	7.874	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	5	4.	4.1	7.	2.5	3.05	1.746	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	5	3.	5.9	15.	1.	32.8	5.727	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-06/27/95	7 ##	0.05	0.227	0.8	0.02	0.108	0.328	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	7	0.02	0.047	0.13	0.01	0.003	0.057	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	7	1.79	1.874	2.58	1.369	0.228	0.477	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-06/27/95	7	0.4	0.543	0.9	0.3	0.063	0.251	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	5	0.03	0.058	0.12	0.03	0.002	0.041	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	5	0.03	0.04	0.07	0.02	0.001	0.023	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-10/04/94	6 ##	2.5	1.833	2.5	0.5	1.067	1.033	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-10/04/94	6 ##	1.5	1.167	1.5	0.5	0.267	0.516	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-10/04/94	6 ##	25.	18.5	25.	1.	109.5	10.464	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-10/04/94	6 ##	25.	20.833	25.	5.	64.167	8.01	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	6	170.	225.	400.	100.	15230.	123.41	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-10/04/94	6 ##	5.	4.	5.	2.	2.4	1.549	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	6 ##	25.	23.333	25.	20.	6.667	2.582	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	6 ##	25.	25.833	50.	5.	204.167	14.289	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-10/04/94	6 ##	25.	23.333	25.	20.	6.667	2.582	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	6 ##	2.5	1.833	2.5	0.5	1.067	1.033	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	3 ##	50.	1300.	3800.	50.	4687500.	2165.064	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	3 ##	1.699	2.326	3.58	1.699	1.179	1.086	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95			211.791								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-06/27/95	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-10/04/94	6 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-08/07/95	59	21.1	19.232	26.1	9.8	18.202	4.266	12.5	16.3	22.7	23.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/16/88-08/07/95	12	330.	323.333	378.	230.	2170.424	46.588	243.5	282.5	366.75	377.1
00300	OXYGEN, DISSOLVED MG/L	07/07/71-10/01/90	55	8.	8.249	12.2	4.6	2.768	1.664	5.8	7.1	9.8	10.34
00400	PH (STANDARD UNITS)	07/07/71-08/07/95	60	7.8	7.776	9.1	6.7	0.294	0.542	6.911	7.363	8.085	8.497
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-08/07/95	60	7.8	7.463	9.1	6.7	0.394	0.628	6.911	7.363	8.085	8.497
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-08/07/95	60	0.016	0.034	0.2	0.001	0.002	0.046	0.003	0.008	0.043	0.124
00403	PH, LAB, STANDARD UNITS SU	07/20/72-08/07/95	39	7.9	7.938	8.2	7.5	0.041	0.203	7.6	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/72-08/07/95	39	7.9	7.89	8.2	7.5	0.044	0.209	7.6	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/72-08/07/95	39	0.013	0.013	0.032	0.006	0.	0.007	0.006	0.008	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/72-08/07/95	39	126.	120.436	156.	71.	463.41	21.527	82.	115.	136.	140.
00500	RESIDUE, TOTAL (MG/L)	04/25/83-08/07/95	39	222.	227.026	337.	161.	1461.973	38.236	175.	205.	254.	270.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/25/83-08/07/95	39	54.	51.423	100.	10.	405.086	20.127	21.	36.	66.	75.
00510	RESIDUE, TOTAL FIXED (MG/L)	04/25/83-08/07/95	39	169.	177.41	318.	120.	1362.985	36.919	144.	154.	193.	204.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/25/83-08/07/95	39	14.	22.474	99.	2.	478.565	21.876	5.	7.	31.	52.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/25/83-08/07/95	38	4.	4.671	13.	0.5	10.666	3.266	0.95	2.	7.	9.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/25/83-08/07/95	39	11.	18.141	86.	1.	366.697	19.149	2.5	4.	23.	46.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/71-06/27/95	47	0.1	0.202	1.199	0.03	0.079	0.281	0.04	0.05	0.2	0.8
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	49	0.03	0.064	0.38	0.005	0.008	0.091	0.005	0.01	0.07	0.26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/71-06/27/95	49	1.02	1.019	1.95	0.01	0.157	0.396	0.59	0.705	1.245	1.56
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/71-06/27/95	49	0.4	0.593	1.7	0.05	0.168	0.41	0.2	0.3	0.8	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/25/83-06/27/95	39	0.06	0.072	0.2	0.02	0.002	0.044	0.03	0.04	0.1	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/25/83-06/26/90	30	0.045	0.059	0.3	0.01	0.003	0.055	0.02	0.03	0.063	0.128
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/71-10/04/94	28 ##	1.	1.804	5.	0.5	2.525	1.589	0.5	0.5	2.5	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/71-10/04/94	28 ##	0.75	1.857	5.	0.5	3.571	1.89	0.5	0.5	4.125	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/71-10/04/94	28 ##	5.	6.554	25.	0.5	65.099	8.068	0.5	1.	5.	25.
01042	COPPER, TOTAL (UG/L AS CU)	08/11/71-10/04/94	27 ##	10.	13.444	60.	5.	139.949	11.83	5.	5.	20.	25.
01045	IRON, TOTAL (UG/L AS FE)	04/25/83-10/04/94	25	330.	758.48	5000.	170.	1083842.177	1041.077	200.	280.	785.	1940.
01051	LEAD, TOTAL (UG/L AS PB)	08/11/71-10/04/94	28	5.	6.946	50.	0.5	132.488	11.51	1.	2.25	5.	12.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/83-10/04/94	25	50.	52.224	90.	5.	393.771	19.844	28.	39.8	60.	84.
01067	NICKEL, TOTAL (UG/L AS NI)	04/25/83-10/04/94	25 ##	10.	23.56	139.	2.5	867.986	29.462	4.	5.	35.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/71-10/04/94	28	15.	23.036	78.	2.5	396.017	19.9	4.75	10.	30.	53.8
01147	SELENIUM, TOTAL (UG/L AS SE)	04/25/83-10/04/94	25 ##	0.5	2.14	10.	0.5	7.427	2.725	0.5	0.5	2.5	7.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	16 ##	50.	253.125	1900.	50.	226489.583	475.909	50.	50.	175.	990.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/07/71-08/07/95	16 ##	1.699	2.027	3.279	1.699	0.249	0.499	1.699	1.699	2.226	2.928
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	106.335								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/71-06/27/95	15	0.04	0.073	0.37	0.01	0.008	0.092	0.01	0.03	0.05	0.256
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/71-10/04/94	30 ##	0.15	0.173	0.4	0.15	0.003	0.058	0.15	0.15	0.15	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0100

NPS Station ID: BLRI0100
 Location: END RT. 618 CONFL. WITH ROANOKE RIVER
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101028
 RF3 Index: 03010101002900.00

LAT/LON: 37.225837/ -79.848337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 5.720
 RF3 Mile Point: 0.18

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4ABAA000.03 /VA4A06-X0003/VA4A2X0003
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: BACK CREEK SECTION: 06 TOPO MAP #: 0035 TOPO MAP NAME: HARDY, VA

Parameter Inventory for Station: BLRI0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	20	21.1	21.19	26.7	12.2	12.289	3.506	15.71	20.	23.9	25.48
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	19	8.	8.084	10.	6.2	0.961	0.981	7.	7.4	8.4	10.
00400	PH (STANDARD UNITS)	19	7.5	7.616	8.7	6.5	0.276	0.525	6.8	7.5	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	19	7.5	7.31	8.7	6.5	0.374	0.612	6.8	7.5	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	19	0.032	0.049	0.316	0.002	0.006	0.075	0.005	0.01	0.032	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	15 ##	0.05	0.3	1.799	0.05	0.281	0.53	0.05	0.05	0.1	1.32
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	15 ##	0.005	0.039	0.3	0.005	0.007	0.083	0.005	0.005	0.005	0.216
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	14	0.15	0.198	0.64	0.01	0.033	0.183	0.018	0.05	0.268	0.57
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	15	0.3	0.587	3.099	0.1	0.619	0.787	0.1	0.1	0.6	2.079
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	3 ##	5.	4.167	6.	1.5	5.583	2.363	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	3	20.	33.333	70.	10.	1033.333	32.146	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	19 ##	50.	536.842	6000.	50.	1967733.918	1402.759	50.	50.	300.	2100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	19 ##	1.699	2.112	3.778	1.699	0.368	0.607	1.699	1.699	2.477	3.322
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			129.349								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	15	0.1	0.103	0.2	0.05	0.004	0.064	0.05	0.05	0.2	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	15	0.05	0.064	0.2	0.01	0.003	0.052	0.01	0.04	0.08	0.176
71900	MERCURY, TOTAL (UG/L AS HG)	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0100

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00										
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00				
	Other-Lo Lim.	6.5	19	1	0.05	9	1	0.11	2	0	0.00	8	0	0.00				
00615	NITRITE NITROGEN, TOTAL AS N																	
	Drinking Water	1.	15	0	0.00	7	0	0.00	2	0	0.00	6	0	0.00				
00620	NITRATE NITROGEN, TOTAL AS N																	
	Drinking Water	10.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00				
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	1	0	0.00							1	0	0.00				
	Drinking Water	50.	1	0	0.00							1	0	0.00				
01027	CADMIUM, TOTAL																	
	Fresh Acute	3.9	0 &	0	0.00													
	Drinking Water	5.	0 &	0	0.00													
01034	CHROMIUM, TOTAL																	
	Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00				
01042	COPPER, TOTAL																	
	Fresh Acute	18.	3	0	0.00	1	0	0.00				2	0	0.00				
	Drinking Water	1300.	3	0	0.00	1	0	0.00				2	0	0.00				
01051	LEAD, TOTAL																	
	Fresh Acute	82.	3	0	0.00	1	0	0.00				2	0	0.00				
	Drinking Water	15.	3	0	0.00	1	0	0.00				2	0	0.00				
01065	NICKEL, DISSOLVED																	
	Fresh Acute	1400.	2	0	0.00							2	0	0.00				
	Drinking Water	100.	2	0	0.00							2	0	0.00				
01092	ZINC, TOTAL																	
	Fresh Acute	120.	3	0	0.00	1	0	0.00				2	0	0.00				
	Drinking Water	5000.	3	0	0.00	1	0	0.00				2	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	19	6	0.32	10	5	0.50	2	0	0.00	7	1	0.14				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	3	0	0.00	1	0	0.00				2	0	0.00				
	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-08/26/92	10	23.6	23.09	26.7	18.9	4.568	2.137	19.12	21.85	24.4	26.47
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	10	200.	370.	2100.	50.	387888.889	622.807	50.	50.	325.	1930.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	10	2.239	2.215	3.322	1.699	0.299	0.547	1.699	1.699	2.508	3.25
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		164.117									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-08/26/92	2	14.45	14.45	16.7	12.2	10.125	3.182	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	2 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		50.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/74-08/26/92	8	20.3	20.5	25.6	15.6	7.357	2.712	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	7 ##	50.	914.286	6000.	50.	5029761.905	2242.713	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/06/74-08/26/92	7 ##	1.699	2.082	3.778	1.699	0.58	0.761	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		120.783									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0101

NPS Station ID: BLRI0101
 Location: RT. 460 BRIDGE
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101030
 RF3 Index: 02080201010900.00

LAT/LON: 37.339726/ -79.852226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 7.210
 RF3 Mile Point: 3.55

Agency: 21VASWCB
 FIPS State/County: 51023 VIRGINIA/BOTETOURT
 STORET Station ID(s): 4ALAY000.37 /VA4A06DX0061/VA4A2X0061
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.20
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: LAYMANTOWN CREEK SECTION: 06D TOPO MAP #: 0034 TOPO MAP NAME: STEWARTSVILLE, VA

Parameter Inventory for Station: BLRI0101

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/30/78-10/30/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0101

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0102

NPS Station ID: BLRI0102
 Location: GAGE NEAR DUNDEE, RT. 660 BRIDGE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101046
 RF3 Index: 03010101003200.71

LAT/LON: 37.227782/ -79.868338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.460
 RF3 Mile Point: 1.86

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4ABAA002.61 /VA4A06AX0161/VA4A2X0161
 Within Park Boundary: No

Date Created: 09/22/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.20

On/Off RF1: OFF
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY NO. 825101 BASIN: 4A ROANOKE
 RIVER: BACK CREEK SECTION: 06A TOPO MAP #: 0035 TOPO MAP NAME: HARDY, VA

REGION: 2 WEST CENTRAL

Parameter Inventory for Station: BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	117	13.1	13.268	29.	63.16	7.947	1.74	6.75	20.3	23.58
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/79-09/24/81	22	22.	39.091	140.	1551.801	39.393	4.6	11.75	70.	112.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	12	32.5	61.5	153.	3444.455	58.689	10.3	14.25	131.75	153.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/23/84-08/23/84	1	140.	140.	140.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	102	105.	105.863	240.	1374.575	37.075	65.	75.	130.	150.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/94-10/10/95	5	8.9	9.2	11.3	2.15	1.466	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	110	9.9	10.089	14.7	5.985	2.446	7.4	8.6	11.85	13.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	98	1.	1.367	11.	1.25	1.118	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	114	6.	7.575	44.	36.51	6.042	2.5	4.75	9.	13.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	118	7.7	7.632	9.3	0.386	0.622	6.8	7.2	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	118	7.7	7.227	9.3	0.551	0.743	6.8	7.2	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	118	0.02	0.059	0.501	0.009	0.097	0.003	0.01	0.063	0.158
00403	PH, LAB, STANDARD UNITS SU	03/19/87-06/28/88	14	7.2	7.229	7.7	0.121	0.347	6.65	7.	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	03/19/87-06/28/88	14	7.2	7.099	7.7	0.139	0.373	6.65	7.	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/87-06/28/88	14	0.063	0.08	0.251	0.005	0.068	0.02	0.025	0.1	0.225
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/87-04/26/88	12	40.	41.583	57.	60.992	7.81	30.2	37.25	47.	55.5
00500	RESIDUE, TOTAL (MG/L)	07/18/79-03/21/85	17	109.	129.941	338.	5081.684	71.286	71.2	83.5	139.	275.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	07/18/79-03/21/85	17	25.	75.824	900.	45243.154	212.704	12.4	15.	31.	226.4
00510	RESIDUE, TOTAL FIXED (MG/L)	07/18/79-03/19/87	18	82.	99.611	280.	4037.899	63.544	47.1	66.	108.	236.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	112	7.	19.424	500.	2795.055	52.868	2.5	2.5	17.75	32.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	112	2.75	5.067	100.	100.723	10.036	2.	2.5	5.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	111	4.	15.477	400.	1877.511	43.33	2.5	2.5	12.	25.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	110##	0.05	0.062	0.4	0.002	0.043	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	110##	0.005	0.013	0.24	0.005	0.025	0.005	0.005	0.01	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	110	0.375	0.389	1.75	0.01	0.087	0.295	0.05	0.178	0.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	108	0.2	0.246	1.	0.05	0.024	0.155	0.1	0.3	0.455
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	108	0.1	0.096	0.3	0.	0.003	0.056	0.05	0.05	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	107	0.06	0.065	0.25	0.005	0.001	0.036	0.03	0.04	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	96	4.	4.269	42.	18.792	4.335	1.	3.	5.	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-01/17/95	29	44.	46.31	64.	129.293	11.371	30.	38.	56.5	62.
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-06/09/87	12	10.5	16.667	90.	542.606	23.294	4.2	8.25	13.	67.2
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-06/09/87	1	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-06/09/87	1	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/81-09/09/87	8##	0.5	0.438	0.5	0.	0.031	0.177	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/81-06/22/95	5##	2.5	3.34	8.	1.	8.228	2.868	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-05/08/84	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/22/95-06/22/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/17/81-09/09/87	19##	0.5	0.895	5.	0.5	1.127	1.062	0.5	0.5	1.	2.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	5##	0.1	0.564	2.5	0.06	1.172	1.082	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	5	10.	10.26	11.4	9.1	1.008	1.004	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/17/81-09/09/87	19##	0.5	2.263	20.	0.5	20.399	4.517	0.5	0.5	2.	5.
01042	COPPER, TOTAL (UG/L AS CU)	04/17/81-09/09/87	17	10.	9.412	20.	5.	30.882	5.557	5.	5.	10.	20.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/18/81-06/22/95	5	2.6	2.82	3.9	2.3	0.397	0.63	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/17/81-09/09/87	18	7.5	10.194	43.	0.5	138.504	11.769	0.95	1.75	12.75	34.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/81-06/22/95	5	11.	11.98	22.	5.7	39.797	6.308	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/22/95-06/22/95	1	155.	155.	155.	155.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-05/08/84	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-09/09/87	18##	5.	13.611	50.	5.	214.134	14.633	5.	5.	20.	41.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/81-06/22/95	5	3.8	3.98	5.	3.6	0.342	0.585	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/22/95-06/22/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/17/81-09/09/87	18	25.	71.667	800.	5.	33741.176	183.688	5.	10.	42.5	179.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/81-06/22/95	5	30.3	32.56	43.6	28.3	39.083	6.252	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/22/95-06/22/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/22/95-06/22/95	1	5440.	5440.	5440.	5440.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/08/84-05/08/84	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/22/95-06/22/95	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/22/95-06/22/95	1	11200.	11200.	11200.	11200.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/82-06/17/82	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/82-06/17/82	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			500.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/79-10/10/95	96	100.	365.104	8000.	50.	1066901.042	1032.909	50.	50.	275.	630.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/79-10/10/95	96	2.	2.091	3.903	1.699	0.263	0.513	1.699	1.699	2.433	2.798
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.204								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/22/95-06/22/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/17/84-06/22/95	3##	0.005	12.17	36.5	0.005	443.962	21.07	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-06/22/95	3	0.1	8.2	24.5	0.	199.27	14.116	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE) WHOLE WATER,UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/84-06/22/95	3##	0.5	13.167	38.5	0.5	481.333	21.939	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	3##	0.05	7.367	22.	0.05	160.601	12.673	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	3##	0.05	8.2	24.5	0.05	199.267	14.116	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	3##	0.05	6.533	19.5	0.05	126.101	11.229	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39383	DIELDRLN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-06/22/95	3 ##	0.05	8.033	24.	0.05	191.201	13.828	**	**	**	**
39390	ENDRLN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39393	ENDRLN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	3 ##	0.05	12.867	38.5	0.05	492.801	22.199	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-06/22/95	3 ##	0.5	38.833	115.5	0.5	4408.333	66.395	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-06/22/95	3 ##	0.05	6.867	20.5	0.05	139.401	11.807	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-06/22/95	3 ##	0.5	19.667	58.	0.5	1102.083	33.198	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/17/81-09/09/87	18 ##	0.15	0.25	1.1	0.15	0.085	0.292	0.15	0.15	0.15	1.01
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-06/22/95	5 ##	0.05	0.069	0.15	0.045	0.002	0.045	**	**	**	**
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/22/95-06/22/95	1 ##	24.	24.	24.	24.	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/22/95-06/22/95	1 ##	36.5	36.5	36.5	36.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0102

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	1	1	1.00	1	1	1.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	110	2	0.02	29	0	0.00	52	2	0.04	29	0	0.00			
00400	PH	9.	118	2	0.02	32	1	0.03	55	0	0.00	31	1	0.03			
	Other-Lo Lim.	6.5	118	6	0.05	32	2	0.06	55	3	0.05	31	1	0.03			
00403	PH, LAB	9.	14	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	110	0	0.00	28	0	0.00	52	0	0.00	30	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	110	0	0.00	28	0	0.00	52	0	0.00	30	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	360.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	50.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
01012	BERYLLIUM, TOTAL	130.	1	0	0.00							1	0	0.00			
	Fresh Acute	4.	1	0	0.00							1	0	0.00			
	Drinking Water	3.9	18 &	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	5.	18 &	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
	Fresh Acute	100.	19	0	0.00	7	0	0.00	6	0	0.00	6	0	0.00			
	Drinking Water	18.	17	3	0.18	7	1	0.14	6	1	0.17	4	1	0.25			
01034	CHROMIUM, TOTAL	1300.	17	0	0.00	7	0	0.00	6	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	82.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
	Fresh Acute	15.	18	4	0.22	7	1	0.14	6	3	0.50	5	0	0.00			
	Drinking Water	1400.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	2.	1	0	0.00							1	0	0.00			
	Fresh Acute		1	0	0.00							1	0	0.00			
	Drinking Water		1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0102

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01067 NICKEL, TOTAL	Fresh Acute	1400.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
	Drinking Water	100.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	18	1	0.06	7	1	0.14	6	0	0.00	5	0	0.00			
	Drinking Water	5000.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	96	30	0.31	27	10	0.37	45	11	0.24	24	9	0.38			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
	Drinking Water	3.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			
	Drinking Water	2.	18	0	0.00	7	0	0.00	6	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1979 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	4	21.25	18.625	24.	8.	55.229	7.432	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	4	120.	107.5	130.	60.	1025.	32.016	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	3	7.4	7.267	8.	6.4	0.653	0.808	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	4	6.5	6.125	11.	0.5	18.729	4.328	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	4	7.45	7.45	7.7	7.2	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	4	7.382	7.382	7.7	7.2	0.09	0.299	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	4	0.042	0.042	0.063	0.02	0.001	0.025	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	4	18.5	134.875	500.	2.5	59336.729	243.591	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	4	3.75	27.125	100.	1.	2363.063	48.611	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	4	15.5	108.375	400.	2.5	37848.896	194.548	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	4###	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	4###	0.008	0.015	0.04	0.005	0.	0.017	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	4	0.5	0.463	0.5	0.35	0.006	0.075	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	4	0.15	0.138	0.2	0.05	0.006	0.075	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	4	0.13	0.125	0.17	0.07	0.002	0.041	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	4	5.	5.75	9.	4.	4.917	2.217	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	3	400.	733.333	1700.	100.	723333.333	850.49	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	3	2.602	2.611	3.23	2.	0.379	0.615	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			408.166								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	9	9.1	10.189	18.5	3.	37.579	6.13	3.	3.55	16.6	18.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	9	85.	88.667	135.	45.	1039.75	32.245	45.	57.5	116.5	135.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	8	11.45	11.275	14.1	9.2	2.528	1.59	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	9	1.	1.222	2.	1.	0.194	0.441	1.	1.	1.5	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	9	5.	5.167	9.	0.5	10.25	3.202	0.5	2.	8.5	9.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	8	7.1	7.313	8.1	6.8	0.318	0.564	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	8	7.089	7.075	8.1	6.8	0.383	0.619	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	8	0.082	0.084	0.158	0.008	0.005	0.069	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	9	5.	7.056	22.	2.5	38.84	6.232	2.5	2.5	9.5	22.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	9###	2.5	2.722	4.	2.	0.319	0.565	2.	2.5	3.	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	9	2.5	5.444	18.	2.	28.153	5.306	2.	2.5	8.	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	9###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	9###	0.005	0.008	0.03	0.005	0.	0.008	0.005	0.005	0.008	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	9	0.44	0.321	0.5	0.025	0.047	0.217	0.025	0.038	0.485	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	9	0.1	0.144	0.3	0.05	0.01	0.098	0.05	0.075	0.25	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	9	0.1	0.1	0.2	0.05	0.004	0.061	0.05	0.05	0.15	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	9	0.05	0.061	0.09	0.05	0.	0.015	0.05	0.05	0.075	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	9	6.	5.556	7.	3.	1.778	1.333	3.	4.5	6.5	7.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	8###	50.	131.25	400.	50.	19241.071	138.712	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	8###	1.699	1.947	2.602	1.699	0.146	0.382	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			88.461								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	11	13.	12.664	28.	1.3	91.977	9.59	1.34	2.	19.9	27.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	11	115.	122.636	180.	65.	1648.455	40.601	69.	89.	170.	180.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	12	10.7	11.058	13.6	8.	3.826	1.956	8.36	9.35	13.2	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	12	2.	2.333	11.	1.	7.697	2.774	1.	1.	2.	8.3
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	12	8.	10.875	44.	0.5	121.369	11.017	1.55	6.25	12.5	34.7
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	12	7.7	7.858	8.8	7.2	0.294	0.542	7.2	7.5	8.375	8.77
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	12	7.7	7.629	8.8	7.2	0.351	0.592	7.2	7.5	8.375	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	12	0.02	0.023	0.063	0.002	0.	0.021	0.002	0.005	0.032	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	6.	9.875	36.	2.5	106.824	10.336	2.5	2.5	13.25	32.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	2.75	5.458	29.	2.	56.43	7.512	2.15	2.5	4.75	22.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	2.75	5.458	17.	1.	21.339	4.619	1.45	2.5	7.75	14.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.009	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12	0.175	0.298	1.4	0.025	0.147	0.383	0.025	0.034	0.428	1.124
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	12	0.25	0.3	1.	0.1	0.062	0.249	0.1	0.125	0.3	0.85
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	12	0.055	0.058	0.08	0.03	0.	0.014	0.036	0.05	0.07	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	12	6.	8.417	42.	2.	114.083	10.681	2.6	4.25	7.	31.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11 ##	50.	77.273	300.	50.	5681.818	75.378	50.	50.	50.	260.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11 ##	1.699	1.797	2.477	1.699	0.059	0.243	1.699	1.699	1.699	2.382
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 62.673											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	19	16.	15.484	29.	0.	62.633	7.914	1.5	8.	21.8	24.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	12	117.5	129.583	240.	70.	2892.992	53.787	73.	90.	155.	234.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	18	9.	9.733	14.	6.7	5.661	2.379	6.79	7.55	11.8	13.82
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	12	1.	1.375	3.	0.5	0.688	0.829	0.65	1.	1.75	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	19	9.	9.789	26.	4.	31.953	5.653	5.	6.	12.	20.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	19	7.7	7.768	9.3	6.3	0.6	0.775	6.4	7.2	8.5	8.8
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	19	7.7	7.169	9.3	6.3	0.98	0.99	6.4	7.2	8.5	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	19	0.02	0.068	0.501	0.001	0.019	0.137	0.002	0.003	0.063	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	19	12.	13.579	41.	2.5	106.424	10.316	2.5	6.	19.	32.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	19	3.	3.684	7.	2.	2.728	1.652	2.	2.5	5.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	19	10.	10.421	37.	2.	90.646	9.521	2.5	2.5	15.	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	19 ##	0.05	0.063	0.2	0.05	0.001	0.037	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	19 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	19	0.36	0.418	1.75	0.025	0.179	0.423	0.025	0.1	0.59	1.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	19	0.2	0.221	0.6	0.1	0.021	0.147	0.1	0.1	0.2	0.55
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	19	0.1	0.108	0.3	0.05	0.005	0.069	0.05	0.05	0.12	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	18	0.06	0.071	0.25	0.02	0.003	0.051	0.029	0.045	0.08	0.142
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	12	3.	2.542	5.	0.5	2.748	1.658	0.5	0.625	3.75	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	10 ##	50.	105.	400.	50.	13027.778	114.139	50.	50.	125.	380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	10 ##	1.699	1.88	2.602	1.699	0.105	0.324	1.699	1.699	2.075	2.572
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 75.786											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	17	10.	11.659	23.	0.1	52.673	7.258	2.42	5.4	18.25	23.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	11	90.	93.182	140.	55.	906.364	30.106	56.	65.	120.	138.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	17	10.1	10.188	14.4	5.4	4.769	2.184	7.48	8.45	12.	12.64
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	12	1.5	1.5	2.	1.	0.273	0.522	1.	2.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	17	5.	8.	31.	1.	60.125	7.754	2.6	5.	8.5	25.4
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	17	7.44	7.411	9.3	6.3	0.534	0.731	6.54	6.915	7.65	8.74
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	17	7.44	7.03	9.3	6.3	0.688	0.829	6.54	6.915	7.65	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	17	0.036	0.093	0.501	0.001	0.016	0.125	0.002	0.023	0.124	0.301
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	17	7.	25.441	220.	2.5	2909.871	53.943	2.5	2.5	17.	113.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	17	2.5	5.618	30.	1.	57.11	7.557	1.8	2.	6.	21.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	17	5.	20.559	190.	2.	2154.059	46.412	2.4	2.5	12.5	92.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	17###	0.05	0.074	0.4	0.05	0.007	0.085	0.05	0.05	0.05	0.16
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	17###	0.005	0.022	0.24	0.005	0.003	0.057	0.005	0.005	0.01	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	17	0.41	0.431	1.5	0.01	0.145	0.381	0.022	0.15	0.55	1.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	17	0.3	0.279	0.6	0.05	0.027	0.164	0.09	0.125	0.425	0.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	17	0.06	0.082	0.2	0.04	0.002	0.044	0.04	0.05	0.1	0.16
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	15	0.05	0.057	0.15	0.02	0.001	0.034	0.02	0.04	0.07	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	12	4.	3.375	7.	0.5	3.233	1.798	0.65	2.	4.	6.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	12	100.	312.5	1700.	50.	223238.636	472.481	50.	62.5	425.	1370.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	12	2.	2.201	3.23	1.699	0.234	0.484	1.699	1.774	2.599	3.095
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			158.688								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	10	15.25	14.13	24.	1.	69.589	8.342	1.33	6.475	22.375	23.95
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	10	102.5	102.	140.	65.	762.222	27.608	65.5	77.5	127.5	139.5
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	10	9.9	10.13	14.4	7.4	3.982	1.996	7.51	8.575	11.1	14.16
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	10	4.5	5.	13.	1.	12.	3.464	1.	2.5	6.25	12.4
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	10	7.55	7.52	8.1	6.9	0.197	0.444	6.91	7.	7.925	8.09
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	10	7.525	7.326	8.1	6.9	0.239	0.489	6.91	7.	7.925	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	10	0.03	0.047	0.126	0.008	0.002	0.044	0.008	0.012	0.1	0.123
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	10	6.	18.45	104.	2.5	952.858	30.868	2.5	2.5	19.	95.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	10	3.	4.25	13.	1.	11.458	3.385	1.15	2.5	5.25	12.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	10	4.	14.95	91.	2.	740.414	27.211	2.05	2.5	13.5	83.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	10###	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	10###	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	10	0.29	0.279	0.59	0.05	0.031	0.177	0.05	0.125	0.403	0.581
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	10	0.3	0.26	0.5	0.1	0.014	0.117	0.1	0.175	0.3	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	10	0.1	0.095	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	10	0.06	0.058	0.09	0.02	0.001	0.025	0.021	0.038	0.083	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	9	5.	4.611	8.	0.5	6.736	2.595	0.5	2.5	7.	8.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	9	100.	1088.889	8000.	50.	6772361.111	2602.376	50.	50.	600.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	9	2.	2.302	3.903	1.699	0.574	0.758	1.699	1.699	2.772	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			200.558								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	11	15.8	13.091	21.8	2.8	57.001	7.55	2.84	4.	20.	21.64
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	11	105.	106.818	150.	70.	666.364	25.814	72.	80.	125.	148.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	11	9.4	9.8	13.4	7.2	3.6	1.897	7.2	8.6	11.4	13.08
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	11	1.	1.045	2.	0.5	0.123	0.35	0.6	1.	1.	1.8
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	11	6.	7.636	18.	4.	18.255	4.273	4.	5.	8.	17.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	11	7.4	7.409	8.	7.	0.103	0.321	7.	7.1	7.6	7.94
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	11	7.4	7.311	8.	7.	0.114	0.337	7.	7.1	7.6	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	11	0.04	0.049	0.1	0.01	0.001	0.032	0.012	0.025	0.079	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	11	10.	10.773	28.	2.5	93.668	9.678	2.5	2.5	16.	27.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	11	2.5	3.273	5.	0.	2.718	1.649	0.4	2.5	5.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	11	5.	8.636	23.	2.5	59.755	7.73	2.5	2.5	12.	22.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	9###	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	9	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	9	0.31	0.403	0.7	0.24	0.027	0.163	0.24	0.27	0.54	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	7	0.2	0.193	0.3	0.1	0.005	0.073	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	7	0.05	0.064	0.1	0.	0.001	0.038	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	9	0.07	0.071	0.12	0.04	0.001	0.027	0.04	0.045	0.09	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	11	3.	2.864	5.	0.5	2.505	1.583	0.6	1.	4.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11	100.	313.636	1900.	50.	297045.455	545.019	50.	50.	300.	1620.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11	2.	2.141	3.279	1.699	0.277	0.526	1.699	1.699	2.477	3.163
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			138.379								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	11	15.3	13.709	25.	0.1	72.007	8.486	0.44	7.	22.	24.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	12	117.5	109.	180.	30.	2026.545	45.017	39.	66.25	146.25	171.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	12	9.8	10.3	13.8	7.4	4.425	2.104	7.46	8.5	12.1	13.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	12	1.	0.958	1.	0.5	0.021	0.144	0.65	1.	1.	1.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	12	7.5	7.417	14.	3.	8.811	2.968	3.3	4.75	8.75	12.8
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	12	7.7	7.5	8.3	6.4	0.453	0.673	6.4	6.825	8.05	8.27
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	12	7.7	7.01	8.3	6.4	0.714	0.845	6.4	6.825	8.05	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	12	0.02	0.098	0.398	0.005	0.023	0.15	0.005	0.009	0.165	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	9.	17.625	62.	2.5	423.006	20.567	2.5	3.125	27.5	59.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	3.5	3.792	6.	2.	2.566	1.602	2.	2.5	5.75	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	5.5	14.458	56.	2.	355.657	18.859	2.15	2.5	22.5	53.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	12###	0.05	0.079	0.2	0.05	0.003	0.058	0.05	0.05	0.088	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12	0.01	0.014	0.05	0.005	0.	0.014	0.005	0.005	0.018	0.044
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12	0.41	0.37	0.69	0.05	0.033	0.182	0.077	0.225	0.505	0.645
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	12	0.2	0.242	0.5	0.05	0.02	0.143	0.05	0.125	0.375	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	12	0.1	0.129	0.2	0.05	0.003	0.054	0.065	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	12	0.05	0.075	0.16	0.04	0.002	0.045	0.04	0.04	0.118	0.157
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	12	4.	4.083	5.	1.	1.356	1.165	1.6	4.	5.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	12	100.	591.667	5700.	50.	2610833.333	1615.807	50.	50.	100.	4170.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	12	2.	2.111	3.756	1.699	0.355	0.596	1.699	1.699	2.	3.463
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			129.07								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	14	10.3	12.093	26.1	0.3	73.075	8.548	0.65	5.75	21.15	25.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	11	98.	93.909	140.	70.	522.091	22.849	70.	70.	110.	134.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	14	10.	9.071	13.7	1.	15.528	3.941	1.	7.875	11.85	13.55
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	11	1.	1.182	2.	0.5	0.314	0.56	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	11	4.	5.182	12.	0.5	14.914	3.862	0.5	2.	9.	11.6
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	14	8.05	7.783	8.8	6.5	0.416	0.645	6.7	7.35	8.185	8.55
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	14	8.047	7.302	8.8	6.5	0.665	0.816	6.7	7.35	8.185	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	14	0.009	0.05	0.316	0.002	0.008	0.087	0.003	0.007	0.055	0.221
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	12	3.75	15.708	101.	1.	795.112	28.198	1.45	2.5	19.	79.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	12 ##	2.75	5.167	16.	2.5	19.652	4.433	2.5	2.5	7.75	14.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	11 ##	2.5	14.	85.	2.	620.65	24.913	2.1	2.5	22.	72.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.018	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	12	0.485	0.49	0.79	0.16	0.04	0.201	0.184	0.34	0.665	0.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	12	0.2	0.292	0.8	0.2	0.03	0.173	0.2	0.2	0.3	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	12	0.1	0.092	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	12	0.05	0.058	0.11	0.01	0.001	0.03	0.016	0.04	0.07	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	8	3.5	3.375	4.	2.	0.554	0.744	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11	100.	354.545	1300.	50.	211727.273	460.138	50.	50.	400.	1280.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	11	2.	2.231	3.114	1.699	0.3	0.547	1.699	1.699	2.602	3.107
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			170.369								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	6	9.55	9.883	20.5	0.7	70.318	8.386	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	6	75.	87.5	155.	60.	1317.5	36.297	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	5	11.8	11.4	14.7	8.6	5.735	2.395	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	6	1.	1.083	2.	0.5	0.242	0.492	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	6	5.	4.5	8.	0.	7.5	2.739	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	6	8.1	8.118	8.6	7.7	0.155	0.393	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	6	8.004	7.986	8.6	7.7	0.176	0.42	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	6	0.01	0.01	0.02	0.003	0.	0.008	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	6 ##	4.75	10.083	34.	2.5	151.542	12.31	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	6 ##	2.75	2.917	4.	2.5	0.342	0.585	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	6 ##	3.25	8.417	31.	2.5	126.942	11.267	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	6	0.055	0.057	0.1	0.02	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	6	0.025	0.03	0.09	0.005	0.001	0.031	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	6	0.35	0.41	0.7	0.23	0.034	0.185	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	6	0.3	0.267	0.4	0.1	0.011	0.103	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	6 ##	0.075	0.108	0.3	0.05	0.009	0.097	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	6	0.04	0.043	0.07	0.005	0.	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	4	1.8	1.725	2.1	1.2	0.203	0.45	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	5 ##	50.	290.	1200.	50.	259250.	509.166	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	5 ##	1.699	2.035	3.079	1.699	0.358	0.598	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			108.447								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	2	19.7	19.7	25.4	14.	64.98	8.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	2	125.	125.	140.	110.	450.	21.213	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	2	8.05	8.05	8.24	7.86	0.072	0.269	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	2	8.01	8.01	8.24	7.86	0.075	0.275	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	2	0.01	0.01	0.014	0.006	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	2	3.4	3.4	3.6	3.2	0.08	0.283	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	2 ##	1.849	1.849	2.	1.699	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	70.711								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	3	18.9	16.767	23.5	7.9	64.253	8.016	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	3	130.	110.	135.	65.	1525.	39.051	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	3	7.9	7.957	8.2	7.77	0.049	0.221	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	3	7.9	7.922	8.2	7.77	0.05	0.225	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	3	0.013	0.012	0.017	0.006	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	2	150.	150.	200.	100.	5000.	70.711	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	2	2.151	2.151	2.301	2.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	141.421								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	32	21.4	20.775	29.	9.9	18.102	4.255	14.15	18.925	23.5	25.89
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	27	130.	135.	240.	70.	1007.692	31.744	108.	120.	150.	180.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	29	8.	8.224	11.4	5.4	1.713	1.309	6.7	7.35	9.2	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	25	1.	1.08	2.	0.5	0.202	0.449	0.5	1.	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	30	7.	8.083	20.	0.5	21.036	4.586	4.	5.	11.25	14.9
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	32	7.8	7.789	9.3	6.4	0.396	0.629	7.1	7.5	8.075	8.77
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	32	7.8	7.335	9.3	6.4	0.609	0.781	7.1	7.5	8.075	8.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	32	0.016	0.046	0.398	0.001	0.009	0.095	0.002	0.008	0.032	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	12.	33.467	500.	2.5	8191.671	90.508	2.5	6.	18.75	61.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	3.	7.083	100.	1.	315.657	17.767	2.	2.375	5.	6.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	8.5	26.8	400.	2.	5299.441	72.797	2.5	3.75	15.	55.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	28##	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.05	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	28##	0.005	0.019	0.24	0.005	0.002	0.045	0.005	0.005	0.01	0.041
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	28	0.22	0.322	1.75	0.01	0.122	0.349	0.025	0.075	0.49	0.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	28	0.3	0.311	0.8	0.1	0.027	0.166	0.1	0.2	0.375	0.555
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	28	0.1	0.127	0.2	0.05	0.003	0.054	0.05	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	28	0.07	0.083	0.17	0.04	0.001	0.035	0.049	0.053	0.108	0.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	25	4.	4.368	9.	1.	3.636	1.907	2.	3.	5.5	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-01/17/95	8	59.5	55.625	64.	40.	87.982	9.38	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	27	100.	296.296	1700.	50.	184216.524	429.205	50.	50.	300.	1220.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	27	2.	2.172	3.23	1.699	0.228	0.478	1.699	1.699	2.477	3.086
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			148.68								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	54	6.5	6.374	19.8	0.	21.415	4.628	0.85	2.6	9.025	13.55
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	48	80.	89.375	220.	30.	1152.027	33.942	60.	65.	108.75	135.5
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	52	11.8	11.263	14.7	1.	7.547	2.747	8.63	9.85	13.35	13.94
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	47	1.	1.511	11.	0.5	2.288	1.513	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	54	6.	7.611	44.	0.	60.11	7.753	0.75	4.	9.	13.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	55	7.5	7.427	8.8	6.3	0.349	0.591	6.76	7.	7.7	8.264
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	55	7.5	7.091	8.8	6.3	0.464	0.681	6.76	7.	7.7	8.264
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	55	0.032	0.081	0.501	0.002	0.012	0.11	0.005	0.02	0.1	0.175
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	52##	2.5	12.894	220.	1.	1058.905	32.541	2.5	2.5	9.5	30.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	52##	2.5	4.452	30.	1.	32.983	5.743	2.	2.5	3.75	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	51##	2.5	10.127	190.	1.	785.378	28.025	2.1	2.5	5.	22.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	52##	0.05	0.064	0.4	0.02	0.003	0.051	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	52##	0.005	0.009	0.04	0.005	0.	0.007	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	52	0.47	0.467	1.5	0.025	0.097	0.312	0.033	0.29	0.59	0.763
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	52	0.2	0.204	1.	0.05	0.022	0.148	0.1	0.1	0.288	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	52	0.05	0.084	0.3	0.	0.003	0.054	0.05	0.05	0.1	0.185
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	49	0.05	0.062	0.25	0.005	0.002	0.04	0.03	0.04	0.07	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	44	4.	4.316	42.	0.5	37.005	6.083	0.75	2.	5.	6.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-01/17/95	13	40.	41.692	56.	28.	84.564	9.196	28.8	35.	50.	56.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	45##	50.	312.222	5700.	50.	815699.495	903.161	50.	50.	150.	580.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	45##	1.699	1.999	3.756	1.699	0.246	0.496	1.699	1.699	2.151	2.757
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			99.819								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/79-10/10/95	31	17.5	17.526	28.	7.2	23.289	4.826	11.28	13.	21.	24.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-10/10/95	27	105.	106.037	180.	55.	865.96	29.427	69.	80.	130.	143.
00300	OXYGEN, DISSOLVED MG/L	08/27/79-06/28/88	29	9.8	9.848	12.4	7.4	1.618	1.272	8.4	8.8	10.6	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/27/79-06/28/88	26	1.	1.385	3.	1.	0.326	0.571	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-01/17/95	30	6.	7.	13.	1.	10.759	3.28	3.	5.	9.25	12.
00400	PH (STANDARD UNITS)	07/18/79-10/10/95	31	7.8	7.831	9.3	6.5	0.326	0.571	7.004	7.44	8.1	8.58
00400	CONVERTED PH (STANDARD UNITS)	07/18/79-10/10/95	31	7.8	7.468	9.3	6.5	0.462	0.68	7.004	7.44	8.1	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/79-10/10/95	31	0.016	0.034	0.316	0.001	0.004	0.06	0.003	0.008	0.036	0.099
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	13.	16.7	104.	2.5	356.303	18.876	2.5	5.75	20.5	31.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	4.	4.117	13.	0.	6.046	2.459	2.	2.5	5.	6.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/79-06/28/88	30	9.5	13.25	91.	2.	279.961	16.732	2.5	2.5	17.25	25.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/79-06/28/88	30###	0.05	0.053	0.1	0.02	0.	0.013	0.05	0.05	0.05	0.068
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	30###	0.005	0.013	0.09	0.005	0.	0.017	0.005	0.005	0.013	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/79-06/28/88	30	0.35	0.316	0.6	0.025	0.022	0.147	0.085	0.215	0.45	0.489
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/79-06/28/88	28	0.2	0.261	0.6	0.05	0.019	0.136	0.095	0.2	0.3	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-06/28/88	28	0.1	0.088	0.3	0.04	0.003	0.054	0.05	0.05	0.1	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/79-06/28/88	30	0.05	0.053	0.1	0.01	0.	0.022	0.02	0.04	0.07	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-01/17/95	27	4.	4.1	8.	0.5	4.065	2.016	1.3	3.	6.	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-01/17/95	8	43.5	44.5	61.	28.	141.714	11.904	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	24	100.	541.667	8000.	50.	2594492.754	1610.743	50.	50.	375.	900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/79-10/10/95	24	2.	2.17	3.903	1.699	0.326	0.571	1.699	1.699	2.571	2.929
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =									

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0103

NPS Station ID: BLRI0103
 Location: BACK CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: T/SMITH MOUNTAIN LAKE
 Minor Basin: RT 660 BRDG 2 MI SE OF DUNDEE
 RF1 Index: 03010101046
 RF3 Index: 03010101004800.32
 Description:
 AT BRIDGE ON VA RT 660 APPROX 2 MI SE OF DUNDEE

LAT/LON: 37.227782/ -79.868615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.460
 RF3 Mile Point: 0.32

Agency: 11EPALES
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): 5110D1
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.029	0.027	0.061	0.01	0.	0.014	0.01	0.016	0.035	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.004	0.004	0.009	0.001	0.	0.002	0.001	0.002	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.272	0.282	0.56	0.005	0.025	0.158	0.021	0.188	0.379	0.53
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	14	0.385	0.444	0.9	0.05	0.068	0.261	0.125	0.29	0.65	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	14	0.275	0.284	0.56	0.005	0.025	0.157	0.023	0.19	0.385	0.53
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	14	0.115	0.113	0.165	0.063	0.001	0.033	0.067	0.079	0.136	0.163
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	14	0.06	0.06	0.087	0.035	0.	0.016	0.035	0.05	0.075	0.082

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0103

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0104

NPS Station ID: BLRI0104 LAT/LON: 37.254726/ -79.870560
 Location: BLUE RIDGE PARKWAY BR. BELOW ROANOKE
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 0301010109100.00 RF3 Mile Point: 0.95

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4AROA199.20
 Within Park Boundary: Yes

Date Created: 08/29/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ROANOKE RIVER SECTION: 06 TOPO MAP #: 0034 TOPO MAP NAME: STEWARTSVILLE, VA

Parameter Inventory for Station: BLRI0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-05/18/83	62	16.	15.802	27.8	1.7	51.589	7.183	5.	10.825	22.2	25.42
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-05/02/74	37	552.	780.081	3230.	189.	536827.188	732.685	236.4	267.5	910.5	1660.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	12	325.5	547.167	1350.	39.	204625.606	452.356	41.4	277.5	1022.	1307.1
00300	OXYGEN, DISSOLVED MG/L	09/26/67-05/18/83	62	8.9	9.1	19.	2.8	6.973	2.641	6.29	7.5	10.8	12.35
00310	BOD, 5 DAY, 20 DEG C MG/L	04/10/68-01/17/72	9	5.5	6.111	10.8	0.9	9.486	3.08	0.9	4.4	8.8	10.8
00340	COD, .25N K2CR2O7 MG/L	06/30/82-05/18/83	12	8.	9.5	24.	2.	45.364	6.735	2.	3.75	15.	21.9
00400	PH (STANDARD UNITS)	09/26/67-05/18/83	62	8.	8.002	9.2	6.6	0.268	0.518	7.43	7.6	8.5	8.57
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-05/18/83	62	8.	7.666	9.2	6.6	0.383	0.619	7.43	7.6	8.5	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-05/18/83	62	0.01	0.022	0.251	0.001	0.002	0.041	0.003	0.003	0.025	0.037
00403	PH, LAB, STANDARD UNITS SU	09/26/67-05/14/70	9	7.7	7.678	8.1	7.2	0.069	0.264	7.2	7.55	7.85	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/67-05/14/70	9	7.7	7.606	8.1	7.2	0.075	0.274	7.2	7.55	7.85	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-05/14/70	9	0.02	0.025	0.063	0.008	0.	0.016	0.008	0.015	0.028	0.063
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/67-05/14/70	9	132.	133.	171.	87.	750.5	27.395	87.	114.5	157.	171.
00500	RESIDUE, TOTAL (MG/L)	09/26/67-05/18/83	20	244.5	257.4	373.	157.	3644.147	60.367	178.2	204.75	315.	339.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/26/67-05/18/83	20	66.5	68.35	152.	26.	902.871	30.048	30.1	49.5	77.5	124.4
00510	RESIDUE, TOTAL FIXED (MG/L)	04/23/69-05/18/83	18	182.	184.389	247.	128.	1483.899	38.521	130.7	148.25	212.25	240.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/67-05/18/83	20	14.	17.95	45.	2.5	176.761	13.295	2.55	8.5	29.25	44.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/26/67-05/18/83	21	6.	7.81	34.	2.	50.937	7.137	2.1	4.	8.5	17.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/10/68-05/18/83	19	8.	11.158	35.	0.	110.335	10.504	1.	3.	16.	29.
00545	RESIDUE, SETTLEABLE (ML/L)	04/10/68-04/10/68	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/16/70-03/16/70	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/68-05/18/83	33	0.2	0.657	3.219	0.05	0.711	0.843	0.05	0.05	0.95	1.96
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	33	0.01	0.021	0.12	0.005	0.001	0.025	0.005	0.005	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	33	0.7	1.041	3.8	0.14	0.845	0.919	0.208	0.37	1.45	2.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/68-05/18/83	31	0.7	1.108	5.099	0.1	1.295	1.138	0.2	0.25	1.899	2.599
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/30/68-10/06/69	4	2.175	2.123	4.1	0.04	3.141	1.772	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/82-05/18/83	12	0.055	0.215	1.88	0.01	0.277	0.526	0.013	0.033	0.1	1.37
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/82-05/18/83	9	0.02	0.167	1.2	0.02	0.151	0.388	0.02	0.02	0.075	1.2
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-05/18/83	11	19.	18.455	31.	4.	54.273	7.367	5.6	13.	23.	30.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/71-08/26/73	5 ##	2.5	2.6	5.	0.5	2.55	1.597	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-05/18/83	21 ##	0.5	2.262	5.	0.5	4.865	2.206	0.5	0.5	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-05/18/83	28	5.	6.679	30.	1.	52.671	7.257	1.	2.	8.75	20.
01042	COPPER, TOTAL (UG/L AS CU)	04/17/70-05/18/83	26	10.	13.077	30.	5.	54.154	7.359	5.	5.	20.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	11/01/70-12/01/71	3	300.	416.667	900.	50.	190833.333	436.845	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-05/18/83	24	7.	10.354	50.	0.5	134.75	11.608	1.5	4.25	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-12/01/71	3	30.	50.	100.	20.	1900.	43.589	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-12/27/73	4 ##	50.	38.75	50.	5.	506.25	22.5	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/30/82-05/18/83	12 ##	10.	30.417	190.	5.	2729.356	52.243	5.	5.	30.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-05/18/83	28	20.	30.357	210.	5.	1570.238	39.626	5.	10.	30.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/26/67-11/01/70	16	11000.	45025.	430000.	1500.11067247333.333	105200.985	3460.	9725.	36000.	194100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/26/67-11/01/70	16	4.041	4.172	5.633	3.176	0.329	0.573	3.496	3.987	4.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/26/67-11/01/70	16	4.041	4.172	5.633	3.176	0.329	0.573	3.496	3.987	4.519
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/02/74	33 ##	50.	4116.667	80000.	0.	194299791.667	13939.146	50.	50.	4750.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/02/74	33 ##	1.699	2.368	4.903	0.	1.152	1.074	1.699	1.699	3.661
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/29/70-05/02/74	33 ##	1.699	2.368	4.903	0.	1.152	1.074	1.699	1.699	3.661
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-05/02/74	15	0.2	0.383	1.4	0.05	0.188	0.433	0.05	0.05	0.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-05/02/74	16	0.14	0.333	1.399	0.05	0.176	0.419	0.05	0.05	0.463
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-05/18/83	26 ##	0.25	0.204	0.4	0.	0.006	0.075	0.15	0.15	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0104

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62	2	0.03	20	2	0.10	24	0	0.00	18	0	0.00			
00400	PH	Other-Hi Lim.	9.	62	2	0.03	20	1	0.05	24	0	0.00	18	1	0.06			
		Other-Lo Lim.	6.5	62	0	0.00	20	0	0.00	24	0	0.00	18	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	9	0	0.00	13	0	0.00	11	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	33	0	0.00	9	0	0.00	13	0	0.00	11	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	250.	11	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13 &	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	5.	13 &	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	26	11	0.42	7	5	0.71	12	4	0.33	7	2	0.29			
		Drinking Water	1300.	26	0	0.00	7	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
		Drinking Water	15.	24	3	0.13	7	1	0.14	12	1	0.08	5	1	0.20			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	100.	12	1	0.08	4	1	0.25	5	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	28	1	0.04	7	0	0.00	13	1	0.08	8	0	0.00			
		Drinking Water	5000.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	16	1.00	9	9	1.00	2	2	1.00	5	5	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	13	0.39	8	5	0.63	15	5	0.33	10	3	0.30			
71900	MERCURY, TOTAL	Fresh Acute	2.4	26	0	0.00	8	0	0.00	12	0	0.00	6	0	0.00			
		Drinking Water	2.	26	0	0.00	8	0	0.00	12	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-05/18/83	20	23.05	22.81	27.8	17.8	10.921	3.305	17.91	19.55	25.9	27.74
00300	OXYGEN, DISSOLVED MG/L	09/26/67-05/18/83	20	7.1	7.01	10.8	2.8	3.355	1.832	3.2	6.3	8.125	8.6
00400	PH (STANDARD UNITS)	09/26/67-05/18/83	20	8.	7.975	9.	7.2	0.198	0.445	7.41	7.625	8.275	8.59
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-05/18/83	20	8.	7.791	9.	7.2	0.233	0.483	7.41	7.625	8.275	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-05/18/83	20	0.01	0.016	0.063	0.001	0.	0.015	0.003	0.005	0.024	0.039
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/68-05/18/83	9	0.2	0.732	3.219	0.05	1.17	1.081	0.05	0.085	1.3	3.219
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	9	0.02	0.042	0.12	0.005	0.002	0.041	0.005	0.015	0.07	0.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	9	0.86	1.496	3.8	0.14	1.746	1.321	0.14	0.4	2.6	3.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/68-05/18/83	9	0.4	1.361	5.099	0.2	2.79	1.67	0.2	0.225	2.399	5.099

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-05/18/83	24	9.15	9.075	16.	1.7	23.191	4.816	3.05	5.	13.85	15.6
00300	OXYGEN, DISSOLVED MG/L	09/26/67-05/18/83	24	10.9	10.788	14.4	7.	3.131	1.769	8.5	9.45	11.95	13.5
00400	PH (STANDARD UNITS)	09/26/67-05/18/83	24	8.	7.846	8.5	6.6	0.299	0.547	6.95	7.5	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-05/18/83	24	8.	7.466	8.5	6.6	0.45	0.671	6.95	7.5	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-05/18/83	24	0.01	0.034	0.251	0.003	0.004	0.061	0.003	0.004	0.032	0.131
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/68-05/18/83	13	0.1	0.544	1.899	0.05	0.563	0.75	0.05	0.05	1.29	1.859
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	13	0.01	0.012	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.032
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	13	0.88	1.042	3.2	0.33	0.616	0.785	0.342	0.42	1.4	2.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/68-05/18/83	12	0.6	0.817	2.599	0.1	0.576	0.759	0.13	0.213	1.064	2.389

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-05/18/83	18	16.65	16.983	25.	9.4	18.39	4.288	11.92	13.3	21.25	23.2
00300	OXYGEN, DISSOLVED MG/L	09/26/67-05/18/83	18	8.7	9.172	19.	5.8	7.87	2.805	6.43	8.	9.75	11.62
00400	PH (STANDARD UNITS)	09/26/67-05/18/83	18	8.35	8.239	9.2	7.2	0.243	0.492	7.56	7.95	8.525	8.84
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-05/18/83	18	8.325	7.97	9.2	7.2	0.319	0.565	7.56	7.95	8.525	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-05/18/83	18	0.005	0.011	0.063	0.001	0.	0.015	0.001	0.003	0.011	0.029
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/68-05/18/83	11	0.4	0.73	2.399	0.05	0.638	0.799	0.05	0.05	1.	2.319
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	11	0.01	0.015	0.04	0.005	0.	0.01	0.005	0.01	0.02	0.036
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/10/68-05/18/83	11	0.59	0.668	1.6	0.17	0.231	0.48	0.172	0.25	1.1	1.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/68-05/18/83	10	0.95	1.231	2.799	0.1	0.939	0.969	0.11	0.425	2.232	2.779

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0105

NPS Station ID: BLRI0105
 Location: ROANOKE RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: I/SMITH MOUNTAIN LAKE
 Minor Basin: BLUE RIDGE PARKWAY BRDG
 RF1 Index: 03010101029
 RF3 Index: 05050001151200.00
 Description:
 AT BRIDGE ON BLUE RIDGE PARKWAY

LAT/LON: 37.254448/ -79.870837

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 2.750
 RF3 Mile Point: 0.58

Agency: 11EPALES
 FIPS State/County: 51000 VIRGINIA/
 STORET Station ID(s): 5110A2
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.685	0.686	1.89	0.005	0.34	0.583	0.073	0.201	0.93	1.725
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.027	0.026	0.055	0.001	0.	0.018	0.001	0.01	0.044	0.053
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/15/73-06/15/74	14	0.46	0.524	0.91	0.176	0.035	0.186	0.283	0.418	0.664	0.835
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/73-06/15/74	14	1.59	1.766	3.7	0.1	1.059	1.029	0.2	1.15	2.625	3.425
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/73-06/15/74	14	0.49	0.551	0.91	0.18	0.034	0.185	0.305	0.45	0.675	0.865
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/15/73-06/15/74	14	0.235	0.276	0.84	0.055	0.051	0.226	0.06	0.073	0.431	0.665
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/73-06/15/74	14	0.087	0.155	0.399	0.02	0.019	0.139	0.024	0.032	0.28	0.385

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0105

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0106

NPS Station ID: BLRI0106
 Location: ROANOKE RIVER AT NIAGARA, VA
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin:
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 02070005013800.00
 Description:

LAT/LON: 37.255003/ -79.871670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 02056000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.22

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-02/18/69	1	5.	5.	5.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/05/45-02/18/69	8	210.	247.5	718.	38318.286	195.751	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/05/45-02/18/69	8	7.5	8.5	20.	26.	5.099	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/18/69	6	562.5	564.	721.	17326.4	131.63	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/18/69	8	7.4	7.438	8.1	0.237	0.487	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/18/69	8	7.389	7.21	8.1	0.296	0.544	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/18/69	8	0.041	0.062	0.2	0.008	0.067	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/18/69-02/18/69	1	129.	129.	129.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/05/45-02/18/69	8	176.	171.875	199.	393.554	19.838	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/18/69-02/18/69	1	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-02/18/69	1	2.2	2.2	2.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/45-02/18/69	8	179.	178.375	197.	153.	179.982	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/20/47-02/18/69	7	33.	35.429	64.	24.	195.286	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/45-02/18/69	8	42.5	42.875	47.	40.	6.411	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/05/45-02/18/69	8	18.	17.35	20.	8.8	13.037	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/05/45-02/18/69	9	44.	43.656	80.	5.9	682.193	5.9	21.5	68.5	80.
00931	SODIUM ADSORPTION RATIO	02/18/69-02/18/69	1	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/18/69-02/18/69	1	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/51-02/18/69	5	4.1	3.68	4.5	2.7	0.742	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/05/45-02/18/69	8	26.	27.375	46.	15.	106.268	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/45-02/18/69	8	94.	99.5	153.	24.	2189.714	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/45-02/18/69	8	0.2	0.2	0.3	0.1	0.006	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/05/45-02/18/69	8	7.55	7.313	9.2	3.6	2.976	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	02/18/69-02/18/69	1	60.	60.	60.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/05/45-02/18/69	8	342.5	340.625	446.	204.	6859.125	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/18/69-02/18/69	1	197.	197.	197.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/18/69-02/18/69	1	395.	395.	395.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/18/69-02/18/69	1	0.28	0.28	0.28	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/45-02/18/69	8	3.25	4.088	10.	0.1	16.693	**	**	**	**
71885	IRON (UG/L AS Fe)	09/05/45-01/04/56	7	40.	37.143	60.	0.	490.476	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0106

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00	4	0	0.00							
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	4	0	0.00							
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	8	0	0.00	4	0	0.00	4	0	0.00							
	Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00							
00945	SULFATE, TOTAL (AS SO4)																	
	Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00							
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	8	0	0.00	4	0	0.00	4	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	8	0	0.00	4	0	0.00	4	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0107

NPS Station ID: BLRI0107
 Location: ROANOKE RIVER AT NIAGARA DAM
 Station Type: /TYP/A/AMBNT/STREAM/SOLIDS
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: SOUTHEAST
 Minor Basin: ROANOKE RIVER
 RF1 Index: 03010101
 RF3 Index: 03010101002708.38
 Description:

LAT/LON: 37.254170/ -79.875005

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 9.48

Agency: 1113WSWQ
 FIPS State/County: 51019 VIRGINIA/BEDFORD
 STORET Station ID(s): RO-4
 Within Park Boundary: No

Date Created: 10/01/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	06/02/87-06/02/87	2	71.	71.	79.	63.	128.	11.314	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/87-06/02/87	2	9595.	9595.	11700.	7490.	8862050.	2976.92	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/02/87-06/02/87	2	4815.	4815.	6180.	3450.	3726450.	1930.402	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/87-06/02/87	2	76.5	76.5	77.	76.	0.5	0.707	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/87-06/02/87	2 ##	0.725	0.725	0.8	0.65	0.011	0.106	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	1 ##	0.6	0.6	0.6	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	2 ##	9.	9.	10.5	7.5	4.5	2.121	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/87-06/02/87	2 ##	11.	11.	11.5	10.5	0.5	0.707	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/87-06/02/87	2 ##	30.75	30.75	34.5	27.	28.125	5.303	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/87-06/02/87	2	460.	460.	491.	429.	1922.	43.841	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/87-06/02/87	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/02/87-06/02/87	2 ##	1.25	1.25	1.4	1.1	0.045	0.212	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	06/02/87-06/02/87	2 ##	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/87-06/02/87	2	120.	120.	137.	103.	578.	24.042	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/02/87-06/02/87	2	7935.	7935.	7970.	7900.	2450.	49.497	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/87-06/02/87	2	19900.	19900.	23900.	15900.	32000000.	5656.854	**	**	**	**
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	06/02/87-06/02/87	1 ##	255.	255.	255.	255.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	06/02/87-06/02/87	1 ##	255.	255.	255.	255.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	06/02/87-06/02/87	2	1850.	1850.	2600.	1100.	1125000.	1060.66	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	06/02/87-06/02/87	2	1850.	1850.	2600.	1100.	1125000.	1060.66	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	06/02/87-06/02/87	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	7.	7.	8.	6.	2.	1.414	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	7.	7.	8.	6.	2.	1.414	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2	1040.	1040.	1500.	580.	423200.	650.538	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	7.	7.	8.	6.	2.	1.414	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2	1595.	1595.	2300.	890.	994050.	997.021	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/02/87-06/02/87	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2	1950.	1950.	2800.	1100.	1445000.	1202.082	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/02/87-06/02/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	06/02/87-06/02/87	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	575.	575.	650.	500.	11250.	106.066	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/02/87-06/02/87	2##	7.	7.	8.	6.	2.	1.414	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	2	2450.	2450.	3600.	1300.	2645000.	1626.346	**	**	**	**
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	2##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	2##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	2##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	2##	7.	7.	8.	6.	2.	1.414	**	**	**	**
39343	GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	06/02/87-06/02/87	2##	7.	7.	8.	6.	2.	1.414	**	**	**	**
39383	DELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/87-06/02/87	2##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	2##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/02/87-06/02/87	2##	145.	145.	165.	125.	800.	28.284	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/02/87-06/02/87	2##	7.	7.	8.	6.	2.	1.414	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/02/87-06/02/87	2##	7.	7.	8.	6.	2.	1.414	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39491	PCB - 1221 BOT. DEP., PCB SERIES DRY SOL UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39495	PCB - 1232 BOT. DEP., PCB-SERIES DRY SOL UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39499	PCB - 1242 BOT. DEP., PCB-SERIES DRY SOL UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	2##	145.	145.	165.	125.	800.	28.284	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/02/87-06/02/87	2##	145.	145.	165.	125.	800.	28.284	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/02/87-06/02/87	2##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
75212	BENZYL ALCOHOL SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
75315	BENZOIC ACID SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
75647	DIBENZOFURAN SEDIMENT, DRY WGT, UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	06/02/87-06/02/87	2##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
78545	CHLORDENE, ALPHA, IN SEDIMENT UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
78546	CHLORDENE, GAMMA, IN SEDIMENT UG/KG	06/02/87-06/02/87	2##	70.	70.	80.	60.	200.	14.142	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	06/02/87-06/02/87	1##	255.	255.	255.	255.	0.	0.	**	**	**	**
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	2##	295.	295.	335.	255.	3200.	56.569	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	2 ##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	2 ##	1450.	1450.	1650.	1250.	80000.	282.843	**	**	**	**
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	06/02/87-06/02/87	2 ##	295.	295.	335.	255.	3200.	56.569	**	**	**	**
82557	ENDRIN KEYTONE IN BOTTOM DEPOSITS SEDDRYWGTMG/KG	06/02/87-06/02/87	2 ##	14.5	14.5	16.5	12.5	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0107

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	1	1.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0108

NPS Station ID: BLRI0108
 Location: SPILLWAY NIAGRA RESERVOIR (ROANOKE CO)
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 05050001002205.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD
 RIVER: ROANOKE RIVER
 LAKE STATION

LAT/LON: 37.254170/ -79.875281
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.48
 AMBIENT MONITORING
 SECTION: 06
 TOPO MAP #: 0026
 TOPO MAP NAME: ROANOKE, VA

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4AROA199.42
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

Date Created: 06/26/93
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	2	25.25	25.25	25.5	25.	0.125	0.354	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/31/77-08/31/77	2	315.	315.	320.	310.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	2	6.35	6.35	6.5	6.2	0.045	0.212	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/31/77-08/31/77	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/31/77-08/31/77	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/77-08/31/77	2	145.	145.	145.	145.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/77-08/31/77	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/31/77-08/31/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/77-08/31/77	2	2.7	2.7	2.8	2.6	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/77-08/31/77	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/77-08/31/77	2###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/77-08/31/77	2	11.	11.	12.	10.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0108

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0109

NPS Station ID: BLRI0109
 Location: INTERSECTION OFF RT. 652 & RT. 11
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02080201
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 02080201
 RF3 Index: 02070005019800.00

LAT/LON: 37.411115/ -79.883337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.99

Agency: 21VASWCB
 FIPS State/County: 51117 VIRGINIA/MECKLENBURG
 STORET Station ID(s): 4ABPA002.71 /VA4A06DX0016/VA4A2X0016
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 6.00
 Distance from RF3: 0.41

On/Off RF1:
 On/Off RF3:

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: BUFFALO CREEK SECTION: 06D TOPO MAP #: 0094 TOPO MAP NAME: CLARKESVILLE NORTH, VA

Parameter Inventory for Station: BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	46	13.	12.17	26.	1.	43.265	6.578	1.45	7.25	17.2	20.3
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	47	9.8	9.247	13.8	1.2	5.301	2.302	6.24	7.8	10.8	11.84
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	46	8.	8.037	9.	6.	0.329	0.574	7.37	7.775	8.5	8.73
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	46	8.	7.429	9.	6.	0.707	0.841	7.37	7.775	8.5	8.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	46	0.01	0.037	1.	0.001	0.022	0.147	0.002	0.003	0.017	0.043
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	48 ##	0.05	0.068	0.3	0.05	0.002	0.048	0.05	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	48 ##	0.005	0.01	0.17	0.005	0.001	0.024	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/31/74-09/15/76	21	1.799	1.726	4.599	0.	1.641	1.281	0.206	0.45	2.465	3.78
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	48	0.2	0.275	2.	0.05	0.096	0.31	0.095	0.1	0.3	0.51
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/76-06/07/79	27	1.7	1.488	2.4	0.31	0.498	0.706	0.49	0.7	2.1	2.4
01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/75-06/07/79	6 ##	1.	0.917	1.5	0.5	0.142	0.376	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/75-06/07/79	7 ##	5.	7.143	20.	5.	32.143	5.669	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/30/74-06/07/79	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	12/30/74-06/07/79	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01045	IRON, TOTAL (UG/L AS FE)	01/30/79-06/07/79	2	95.	95.	120.	70.	1250.	35.355	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/30/74-06/07/79	10	4.	5.6	21.	2.	32.711	5.719	2.	2.	5.75	19.7
01055	MANGANESE, TOTAL (UG/L AS MN)	01/30/79-06/07/79	2	230.	230.	440.	20.	88200.	296.985	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/30/74-06/07/79	10 ##	50.	41.	50.	5.	360.	18.974	5.	38.75	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	12/30/74-06/07/79	10	15.	30.	130.	5.	1633.333	40.415	5.	5.	40.	124.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	48	350.	1080.208	8000.	50.	2951248.892	1717.92	50.	100.	1175.	3620.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	48	2.54	2.554	3.903	1.699	0.463	0.68	1.699	2.	3.07	3.559
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79			358.14								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	48 ##	0.05	0.079	0.4	0.05	0.005	0.073	0.05	0.05	0.088	0.11
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	48 ##	0.01	0.034	0.41	0.005	0.005	0.068	0.005	0.005	0.048	0.053
71900	MERCURY, TOTAL (UG/L AS HG)	12/30/74-06/07/79	10 ##	0.25	0.22	0.25	0.15	0.002	0.048	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0109

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED		47	1	0.02	11	0	0.00	22	1	0.05	14	0	0.00			
00400	PH	Other-Lo Lim.	4.	46	1	0.02	11	0	0.00	22	1	0.05	13	0	0.00		
		Other-Hi Lim.	9.	46	1	0.02	11	1	0.09	22	0	0.00	13	0	0.00		
		Other-Lo Lim.	6.5	46	1	0.02	11	1	0.09	22	0	0.00	13	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N		48	0	0.00	12	0	0.00	22	0	0.00	14	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N		21	0	0.00	5	0	0.00	9	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.		27	0	0.00	7	0	0.00	13	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00				3	0	0.00	3	0	0.00		
		Drinking Water	50.	6	0	0.00				3	0	0.00	3	0	0.00		
		Fresh Acute	3.9	1 &	1	1.00							1	1	1.00		
01027	CADMIUM, TOTAL	Drinking Water	5.	1 &	1	1.00						1	1	1.00			
		Drinking Water	100.	10	0	0.00				5	0	0.00	5	0	0.00		
		Fresh Acute	18.	10	0	0.00				5	0	0.00	5	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	1300.	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	82.	10	0	0.00				5	0	0.00	5	0	0.00		
		Fresh Acute	15.	10	1	0.10				5	0	0.00	5	1	0.20		
01042	COPPER, TOTAL	Drinking Water	1400.	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	100.	10	0	0.00				5	0	0.00	5	0	0.00		
		Fresh Acute	120.	10	1	0.10				5	0	0.00	5	1	0.20		
01051	LEAD, TOTAL	Drinking Water	5000.	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	15.	10	1	0.10				5	0	0.00	5	1	0.20		
		Fresh Acute	1400.	10	0	0.00				5	0	0.00	5	0	0.00		
01065	NICKEL, DISSOLVED	Drinking Water	100.	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	120.	10	1	0.10				5	0	0.00	5	1	0.20		
		Fresh Acute	5000.	10	0	0.00				5	0	0.00	5	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	31	0.65	12	6	0.50	22	15	0.68	14	10	0.71		
		Fresh Acute	2.4	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	2.	10	0	0.00				5	0	0.00	5	0	0.00		
71900	MERCURY, TOTAL	Other-Hi Lim.	200.	48	31	0.65	12	6	0.50	22	15	0.68	14	10	0.71		
		Fresh Acute	2.4	10	0	0.00				5	0	0.00	5	0	0.00		
		Drinking Water	2.	10	0	0.00				5	0	0.00	5	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	2	9.	9.	10.2	7.8	2.88	1.697	**	**	**	**
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	2###	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	2###	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	2###	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	2	350.	350.	600.	100.	125000.	353.553	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	2	2.389	2.389	2.778	2.	0.303	0.55	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	2		244.949								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	2###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	10	13.05	14.49	23.3	4.4	40.077	6.331	4.74	10.275	20.55	23.19
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	10	9.8	9.48	11.2	7.6	2.1	1.449	7.6	7.9	10.85	11.18
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	9	7.7	7.622	8.5	6.	0.489	0.7	6.	7.45	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	9	7.7	6.891	8.5	6.	1.091	1.044	6.	7.45	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	9	0.02	0.128	1.	0.003	0.107	0.327	0.003	0.01	0.036	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	10###	0.05	0.085	0.3	0.05	0.006	0.078	0.05	0.05	0.1	0.28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	10###	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	10	0.1	0.225	0.9	0.05	0.064	0.253	0.055	0.1	0.3	0.84
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11	200.	613.636	3600.	50.	1236545.455	1112.001	50.	50.	400.	3240.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11	2.301	2.31	3.556	1.699	0.384	0.62	1.699	1.699	2.602	3.496
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11		204.329								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	10###	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	10###	0.05	0.04	0.1	0.005	0.001	0.029	0.005	0.016	0.05	0.095

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	10	14.7	13.62	17.8	5.6	18.746	4.33	5.82	10.725	17.8	17.8
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	10	9.1	9.32	12.4	6.4	3.771	1.942	6.52	7.75	11.1	12.3
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	10	7.95	7.92	8.7	6.8	0.333	0.577	6.85	7.6	8.5	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	10	7.947	7.545	8.7	6.8	0.489	0.7	6.85	7.6	8.5	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	10	0.011	0.029	0.158	0.002	0.002	0.048	0.002	0.003	0.027	0.148
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	11###	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	11###	0.005	0.021	0.17	0.005	0.002	0.049	0.005	0.005	0.01	0.138
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	11	0.2	0.277	0.6	0.05	0.044	0.209	0.06	0.1	0.5	0.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11	800.	1427.273	6000.	50.	3277681.818	1810.437	50.	100.	2700.	5380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11	2.903	2.757	3.778	1.699	0.506	0.711	1.699	2.	3.431	3.715
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	11		571.668								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	11###	0.05	0.109	0.4	0.05	0.011	0.107	0.05	0.05	0.1	0.36
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	11	0.01	0.048	0.41	0.005	0.015	0.121	0.005	0.005	0.02	0.336

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	9	2.	6.789	21.	1.	59.391	7.707	1.	1.05	14.	21.
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	9	8.8	8.867	11.8	5.2	4.46	2.112	5.2	7.3	10.6	11.8
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	9	8.5	8.522	9.	8.	0.089	0.299	8.	8.35	8.75	9.
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	9	8.5	8.429	9.	8.	0.099	0.315	8.	8.35	8.75	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	9	0.003	0.004	0.01	0.001	0.	0.003	0.001	0.002	0.005	0.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	9##	0.05	0.083	0.2	0.05	0.003	0.05	0.05	0.05	0.1	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	9	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.015	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	9	0.2	0.283	0.5	0.05	0.024	0.154	0.05	0.2	0.45	0.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	9	400.	838.889	3800.	50.	1459236.111	1207.988	50.	50.	1200.	3800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	9	2.602	2.475	3.58	1.699	0.517	0.719	1.699	1.699	3.078	3.58
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79			298.858								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	9##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	9	0.01	0.038	0.25	0.005	0.006	0.08	0.005	0.005	0.025	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	10	13.5	12.56	26.	1.1	47.992	6.928	1.44	7.875	15.75	25.2
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	10	10.	9.88	13.8	4.8	5.966	2.443	5.16	8.4	11.55	13.62
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	10	7.9	8.04	8.9	7.3	0.247	0.497	7.34	7.775	8.425	8.89
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	10	7.889	7.837	8.9	7.3	0.293	0.541	7.34	7.775	8.425	8.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	10	0.013	0.015	0.05	0.001	0.	0.014	0.001	0.004	0.017	0.047
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	10##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	10##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	10	0.2	0.37	2.	0.1	0.336	0.579	0.1	0.1	0.3	1.83
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	10	400.	1800.	8000.	50.	7681666.667	2771.582	50.	87.5	3250.	7750.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	10	2.588	2.682	3.903	1.699	0.64	0.8	1.699	1.925	3.484	3.887
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79			480.789								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	10##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	10##	0.008	0.021	0.08	0.005	0.001	0.025	0.005	0.005	0.028	0.077

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/74-06/07/79	6	13.5	12.833	20.	4.	32.567	5.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/31/74-06/07/79	6	9.9	8.333	12.	1.2	17.547	4.189	**	**	**	**
00400	PH (STANDARD UNITS)	10/31/74-06/07/79	6	8.35	8.15	8.5	7.4	0.211	0.459	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/31/74-06/07/79	6	8.325	7.924	8.5	7.4	0.272	0.522	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/74-06/07/79	6	0.005	0.012	0.04	0.003	0.	0.015	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/31/74-06/07/79	6##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/31/74-06/07/79	6##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/31/74-06/07/79	6	0.15	0.2	0.4	0.1	0.016	0.126	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	5	500.	630.	1400.	50.	282000.	531.037	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79	5	2.699	2.595	3.146	1.699	0.315	0.561	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/31/74-06/07/79			393.628								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	10/31/74-06/07/79	6##	0.05	0.092	0.3	0.05	0.01	0.102	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/74-06/07/79	6	0.01	0.01	0.02	0.005	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0110

NPS Station ID: BLRI0110
 Location: WALNUT AVENUE BRIDGE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101030
 RF3 Index: 03010101004601.22

LAT/LON: 37.280004/ -79.907505

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.050
 RF3 Mile Point: 2.18

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4AGLA000.20
 Within Park Boundary: No

Date Created: 08/07/82

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: OFF
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: GLADE CREEK SECTION: 07 TOPO MAP #: 0026 TOPO MAP NAME: ROANOKE, VA

Parameter Inventory for Station: BLRI0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/82-06/23/94	33	14.	14.427	23.4	1.	32.451	5.697	7.94	10.15	19.7	21.64
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	8	38.	40.125	76.	21.	368.982	19.209	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	08/02/88-08/02/88	1	373.	373.	373.	373.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/02/88-06/23/94	21	260.	249.	338.	90.	3448.3	58.722	188.4	205.	300.	318.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-11/06/89	3	356.	318.	367.	231.	5707.	75.545	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-06/23/94	11	11.3	10.7	13.4	8.7	3.222	1.795	8.72	8.9	12.2	13.18
00300 OXYGEN, DISSOLVED MG/L	07/27/82-02/04/91	21	10.2	10.081	14.3	7.2	3.818	1.954	7.72	8.15	11.15	13.
00340 COD, 25N K2CR2O7 MG/L	06/30/82-06/23/94	20	5.	14.9	178.	0.5	1502.674	38.764	1.1	2.5	11.25	17.9
00400 PH (STANDARD UNITS)	06/30/82-06/23/94	33	8.3	8.235	9.	7.1	0.236	0.485	7.42	7.9	8.6	8.8
00400 CONVERTED PH (STANDARD UNITS)	06/30/82-06/23/94	33	8.3	7.928	9.	7.1	0.333	0.577	7.42	7.9	8.6	8.8
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/82-06/23/94	33	0.005	0.012	0.079	0.001	0.	0.018	0.002	0.003	0.013	0.04
00500 RESIDUE, TOTAL (MG/L)	06/30/82-05/18/83	11	226.	277.273	683.	147.	20235.018	142.25	161.4	223.	268.	614.8
00505 RESIDUE, TOTAL VOLATILE (MG/L)	06/30/82-05/18/83	11	56.	58.545	119.	32.	535.073	23.132	32.6	43.	64.	108.8
00510 RESIDUE, TOTAL FIXED (MG/L)	06/30/82-05/18/83	11	178.	218.727	564.	112.	14657.018	121.066	122.8	167.	217.	506.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/82-05/18/83	11	20.	56.364	412.	2.5	14293.805	119.557	2.5	8.	36.	343.6
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/30/82-05/18/83	11	4.	7.364	40.	2.5	119.005	10.909	2.5	3.	5.	33.4
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	06/30/82-05/18/83	11	15.	49.455	372.	2.5	11792.623	108.594	2.5	4.	31.	310.6
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/82-05/18/83	12 ##	0.05	0.242	1.8	0.05	0.248	0.498	0.05	0.05	0.2	1.35
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/82-05/18/83	12 ##	0.005	0.015	0.09	0.005	0.001	0.024	0.005	0.005	0.018	0.069
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/82-05/18/83	12	0.7	0.805	1.61	0.5	0.09	0.3	0.527	0.607	0.95	1.442
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/82-05/18/83	12	0.25	0.525	3.3	0.05	0.785	0.886	0.065	0.2	0.438	2.475
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/30/82-05/18/83	12	0.045	0.133	1.1	0.01	0.094	0.306	0.01	0.023	0.08	0.797
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/82-05/18/83	10	0.02	0.034	0.08	0.005	0.001	0.03	0.006	0.01	0.073	0.08
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/29/92-06/23/94	8	1.35	2.563	7.7	0.5	5.606	2.368	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/88-06/23/94	21	188.	178.19	205.	74.	932.662	30.54	123.6	178.	195.	199.6
00927 MAGNESIUM, TOTAL (MG/L AS MG)	09/29/92-09/29/92	1	21310.	21310.	21310.	21310.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/27/82-05/18/83	11	6.	7.182	15.	3.	20.364	4.513	3.2	4.	13.	14.8
01002 ARSENIC, TOTAL (UG/L AS AS)	11/17/88-09/29/92	6 ##	3.75	3.75	5.	2.5	1.875	1.369	**	**	**	**
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/01/90-12/14/93	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
01012 BERYLLIUM, TOTAL (UG/L AS BE)	09/29/92-09/29/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	06/30/82-09/29/92	18 ##	0.5	1.611	5.	0.5	3.163	1.779	0.5	0.5	2.125	5.
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-12/14/93	3 ##	0.5	1.167	2.5	0.5	1.333	1.155	**	**	**	**
01029 CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-12/14/93	3	14.5	14.167	15.	13.	1.083	1.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/30/82-09/29/92	18 ##	2.	5.917	25.	0.5	80.272	8.959	0.5	0.5	5.	25.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/82-09/29/92	17 ##	10.	12.059	25.	5.	59.559	7.717	5.	5.	20.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/27/89-12/14/93	3	8.	8.467	9.4	8.	0.653	0.808	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/17/88-09/29/92	6	160.	269.333	889.	100.	92789.467	304.614	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/30/82-09/29/92	18 ##	5.	8.028	54.	0.5	168.602	12.985	0.95	1.	5.5	29.7
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/27/89-12/14/93	3	12.	13.8	20.	9.4	30.52	5.524	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-05/01/90	2	378.	378.	470.	286.	16928.	130.108	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/88-09/29/92	6 ##	25.	28.3	40.	18.	69.58	8.341	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/29/92-09/29/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/30/82-09/29/92	17 ##	10.	16.176	50.	5.	179.779	13.408	5.	5.	25.	42.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-12/14/93	3	9.	9.1	10.3	8.	1.33	1.153	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/82-09/29/92	18	25.	30.444	120.	5.	684.144	26.156	9.5	11.5	40.	57.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/27/89-12/14/93	3	33.3	33.767	37.	31.	9.163	3.027	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/17/88-09/29/92	4 ##	6.25	6.25	10.	2.5	18.75	4.33	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-12/14/93	3 ##	2.5	2.733	4.7	1.	3.463	1.861	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/02/88-06/23/94	21	600.	1416.667	5400.	50.	3400083.333	1843.931	50.	200.	1750.	5260.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/02/88-06/23/94	21	2.778	2.758	3.732	1.699	0.43	0.656	1.699	2.301	3.228	3.721
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			572.284								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	09/29/92-09/29/92	1	192.	192.	192.	192.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/30/82-09/29/92	18 ##	0.15	0.164	0.3	0.15	0.002	0.041	0.15	0.15	0.15	0.255
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/01/90-12/14/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	09/29/92-09/29/92	1	41730.	41730.	41730.	41730.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0110

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	1	1	1.00	1	1	1.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	11	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	4.	21	0	0.00	6	0	0.00	11	0	0.00	4	0	0.00			
00400	PH	9.	33	1	0.03	8	0	0.00	17	1	0.06	8	0	0.00			
		6.5	33	0	0.00	8	0	0.00	17	0	0.00	8	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	11	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00			
		250.	11	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	130.	1	0	0.00	1	0	0.00									
		4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	3.9	15 &	1	0.07	3	0	0.00	9	1	0.11	3	0	0.00			
		5.	15 &	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	100.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	18.	14 &	2	0.14	4	1	0.25	7	1	0.14	3	0	0.00			
		1300.	17	0	0.00	4	0	0.00	10	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	82.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
		15.	18	2	0.11	4	0	0.00	10	2	0.20	4	0	0.00			
01059	THALLIUM, TOTAL	1400.	1	0	0.00	1	0	0.00									
		2.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	17	0	0.00	4	0	0.00	10	0	0.00	3	0	0.00			
		100.	17	0	0.00	4	0	0.00	10	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	120.	18	1	0.06	4	0	0.00	10	1	0.10	4	0	0.00			
		5000.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	21	17	0.81	5	5	1.00	11	8	0.73	5	4	0.80			
71900	MERCURY, TOTAL	2.4	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
		2.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	07/27/82-02/04/91	6	7.9	8.267	9.7	7.7	0.599	0.774	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	07/27/82-02/04/91	11	11.	11.464	14.3	9.5	2.045	1.43	9.64	10.4	13.	14.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	07/27/82-02/04/91	4	9.	9.	10.8	7.2	2.487	1.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0111

NPS Station ID: BLRI0111
 Location: RT. 24 BRIDGE ABOVE TOWN OF VINTON
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101030
 RF3 Index: 0301010127800.00

LAT/LON: 37.275281/ -79.907782

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.650
 RF3 Mile Point: 0.00

Description:
 VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY NO. 825101 BASIN: 4A ROANOKE
 RIVER: TINKER CREEK SECTION: 06D TOPO MAP #: 0026 TOPO MAP NAME: ROANOKE, VA

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4ATKR000.69 /VA4A06DX0145/VA4A2X0145
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.50
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

REGION: 2 WEST CENTRAL

Parameter Inventory for Station: BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	282	13.3	13.39	26.7	0.	42.91	6.551	4.4	8.475	19.7	21.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/82-05/18/83	10	106.5	136.	456.	45.	15128.222	122.997	45.4	49.75	162.75	428.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	16	6.1	38.331	452.	0.6	12282.578	110.827	1.23	3.775	21.5	160.8
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/94-09/25/95	14	6.5	21.564	134.	2.	1368.921	36.999	2.	2.25	20.15	100.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/91-02/24/93	19	20.	21.632	69.	6.	176.912	13.301	12.	13.	24.	35.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	158	300.	295.778	476.	25.	6414.097	80.088	200.	240.	360.	400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-09/25/95	52	432.5	407.615	504.	38.	7551.339	86.898	285.	392.5	454.	485.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	45	10.2	10.578	15.2	7.6	4.19	2.047	8.2	8.6	12.2	13.24
00300	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	235	9.8	10.02	17.2	1.	5.336	2.31	7.8	8.4	11.6	12.88
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	199	2.	1.908	6.	0.5	1.299	1.14	1.	1.	2.3	3.
00315	BOD, 7 DAY, 20 DEG C MG/L	11/24/75-11/24/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	161	6.	8.689	234.	0.5	352.594	18.777	1.	3.	9.5	15.8
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	282	8.3	8.268	9.5	6.7	0.303	0.551	7.5	7.9	8.7	8.8
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	282	8.3	7.868	9.5	6.7	0.464	0.681	7.5	7.9	8.7	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	282	0.005	0.014	0.2	0.	0.001	0.027	0.002	0.002	0.013	0.032
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	67	8.1	8.112	8.8	7.3	0.101	0.318	7.7	7.9	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	67	8.1	7.988	8.8	7.3	0.117	0.342	7.7	7.9	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	67	0.008	0.01	0.05	0.002	0.	0.01	0.003	0.005	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	64	177.5	168.219	206.	72.	696.745	26.396	130.	157.25	184.75	191.5
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	04/27/78-04/27/78	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	70	277.	295.214	1122.	122.	18194.924	134.889	218.4	246.25	290.25	319.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	70	66.5	70.564	300.	2.5	1485.956	38.548	40.3	52.75	78.25	100.6
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	70	206.5	227.786	982.	53.	14336.837	119.737	170.5	185.75	222.25	276.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	215	6.	25.319	860.	0.	7296.352	85.419	2.5	2.5	14.	38.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	214	2.5	4.388	80.	0.	55.835	7.472	1.	2.	4.	9.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	215	4.	18.856	800.	0.	4785.115	69.175	1.5	2.5	9.	30.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/04/71-04/04/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	238 ##	0.05	0.068	0.7	0.005	0.006	0.077	0.02	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	240	0.01	0.017	0.74	0.005	0.002	0.049	0.005	0.005	0.02	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	208	1.064	1.057	2.399	0.01	0.106	0.326	0.7	0.883	1.24	1.4
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	237	0.2	0.284	1.299	0.	0.039	0.198	0.1	0.2	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/29/76-06/08/79	32	1.1	1.064	1.7	0.47	0.079	0.281	0.7	0.818	1.2	1.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	158 ##	0.05	0.09	1.4	0.01	0.018	0.134	0.05	0.05	0.1	0.132

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	121	0.02	0.032	0.13	0.005	0.001	0.027	0.005	0.01	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	192	4.	4.984	23.	0.5	13.243	3.639	1.23	2.425	7.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	84	210.	196.93	262.	0.1	1669.858	40.864	139.	188.	219.5
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-09/25/95	61	15.	15.475	33.	4.	25.954	5.094	10.	12.5	17.5
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	50	30.	28.7	40.	13.	28.663	5.354	21.2	26.	32.
00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	21	0.19	0.194	0.29	0.05	0.004	0.06	0.13	0.15	0.25
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/19/91-01/28/93	17	8.2	8.065	11.4	4.9	3.361	1.833	5.3	6.6	9.3
01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	27 ##	1.	1.815	5.	0.5	2.022	1.422	0.5	0.5	2.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/28/80-04/10/95	7	5.2	5.371	10.	2.5	6.776	2.603	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	3 ##	5.	3.5	5.	0.5	6.75	2.598	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	43 ##	2.	2.988	10.	0.5	5.684	2.384	0.5	0.5	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/18/81-04/10/95	7 ##	0.5	0.619	2.5	0.065	0.737	0.858	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	01/28/80-04/10/95	8	16.	19.626	44.3	11.	119.137	10.915	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	53 ##	5.	8.274	50.	0.5	95.659	9.781	1.4	5.	6.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	52 ##	5.	16.192	270.	5.	1369.805	37.011	5.	5.	18.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/28/80-04/10/95	8	14.9	15.644	28.6	6.25	52.668	7.257	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/16/70-07/28/92	12	150.	286.667	930.	50.	79842.424	282.564	62.	105.	525.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	50	5.	11.07	106.	0.5	289.663	17.019	1.1	4.	10.25
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/28/80-04/10/95	8	51.	82.975	290.	18.3	8100.488	90.003	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-04/10/95	2	220.	220.	270.	170.	5000.	70.711	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/70-07/28/92	10	27.3	67.16	240.	17.	5159.5	71.83	17.3	23.75	107.5
01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	3 ##	5.	5.167	10.	0.5	22.583	4.752	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/08/79	16 ##	50.	41.875	50.	5.	306.25	17.5	5.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	25	10.	14.6	50.	5.	126.917	11.266	5.	5.	22.5
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	01/28/80-04/10/95	8	9.75	10.388	20.1	3.9	21.181	4.602	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	53	20.	24.208	240.	5.	1355.206	36.813	5.	7.5	25.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/28/80-04/10/95	8	58.9	66.363	150.	29.3	1316.917	36.289	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	3 ##	0.5	3.667	10.	0.5	30.083	5.485	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-04/10/95	3 ##	0.5	1.033	2.5	0.1	1.653	1.286	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	04/19/70-11/01/70	7	11000.	11000.	11000.	11000.	0.	0.	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	04/19/70-11/01/70	7	4.041	4.041	4.041	4.041	0.	0.	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)				11000.					**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	255	1100.	3712.51	220000.	50.	239117260.605	15463.417	50.	300.	3300.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	255	3.041	2.955	5.342	1.699	0.543	0.737	1.699	2.477	3.519
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				901.997					**	**	**
32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	11/10/82-04/10/95	3 ##	0.005	33.337	100.	0.005	3333.	57.732	**	**	**
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39065	CHLORDANE-TRANS ISOMER, WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39068	CHLORDANE-NONACHLOR, CIS ISO, WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39071	CHLORDANE-NONACHLOR, TRANS ISO, WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-04/10/95	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th		
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/17/84-04/10/95	2##	0.5	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/71-10/22/84	5	0.	0.016	0.05	0.	0.001	0.023	**	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**	**
39526	PCBS TOTAL IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-04/10/95	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-05/18/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	07/28/92-07/28/92	1	206.	206.	206.	206.	0.	0.	**	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	79##	0.05	0.072	0.6	0.05	0.005	0.072	0.05	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	116##	0.02	0.029	0.17	0.005	0.001	0.03	0.005	0.005	0.05	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	52##	0.25	0.217	0.7	0.	0.011	0.106	0.15	0.15	0.25	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-04/10/95	6	0.15	0.198	0.5	0.09	0.024	0.156	**	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	10/22/84-10/22/84	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	06/25/92-07/28/92	2	51460.	51460.	52000.	50920.	583200.	763.675	**	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	06/25/92-06/25/92	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/28/92-06/23/94	24	2.75	9.717	96.	0.3	420.743	20.512	0.65	1.325	7.125	33.5	33.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0111

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	1	0.06	4	1	0.25	6	0	0.00	6	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	14	2	0.14	5	0	0.00	6	0	0.00	3	2	0.67			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	45	0	0.00	12	0	0.00	21	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	235	3	0.01	61	0	0.00	112	3	0.03	62	0	0.00			
00400	PH	Other-Hi Lim.	9.	282	26	0.09	73	7	0.10	134	8	0.06	75	11	0.15			
		Other-Lo Lim.	6.5	282	0	0.00	73	0	0.00	134	0	0.00	75	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	67	0	0.00	17	0	0.00	31	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	67	0	0.00	17	0	0.00	31	0	0.00	19	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	240	0	0.00	60	0	0.00	114	0	0.00	66	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	208	0	0.00	54	0	0.00	97	0	0.00	57	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	32	0	0.00	6	0	0.00	17	0	0.00	9	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	61	0	0.00	16	0	0.00	30	0	0.00	15	0	0.00			
		Drinking Water	250.	61	0	0.00	16	0	0.00	30	0	0.00	15	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	50	0	0.00	13	0	0.00	24	0	0.00	13	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	21	0	0.00	5	0	0.00	11	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	27	0	0.00	6	0	0.00	11	0	0.00	10	0	0.00			
		Drinking Water	50.	27	0	0.00	6	0	0.00	11	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

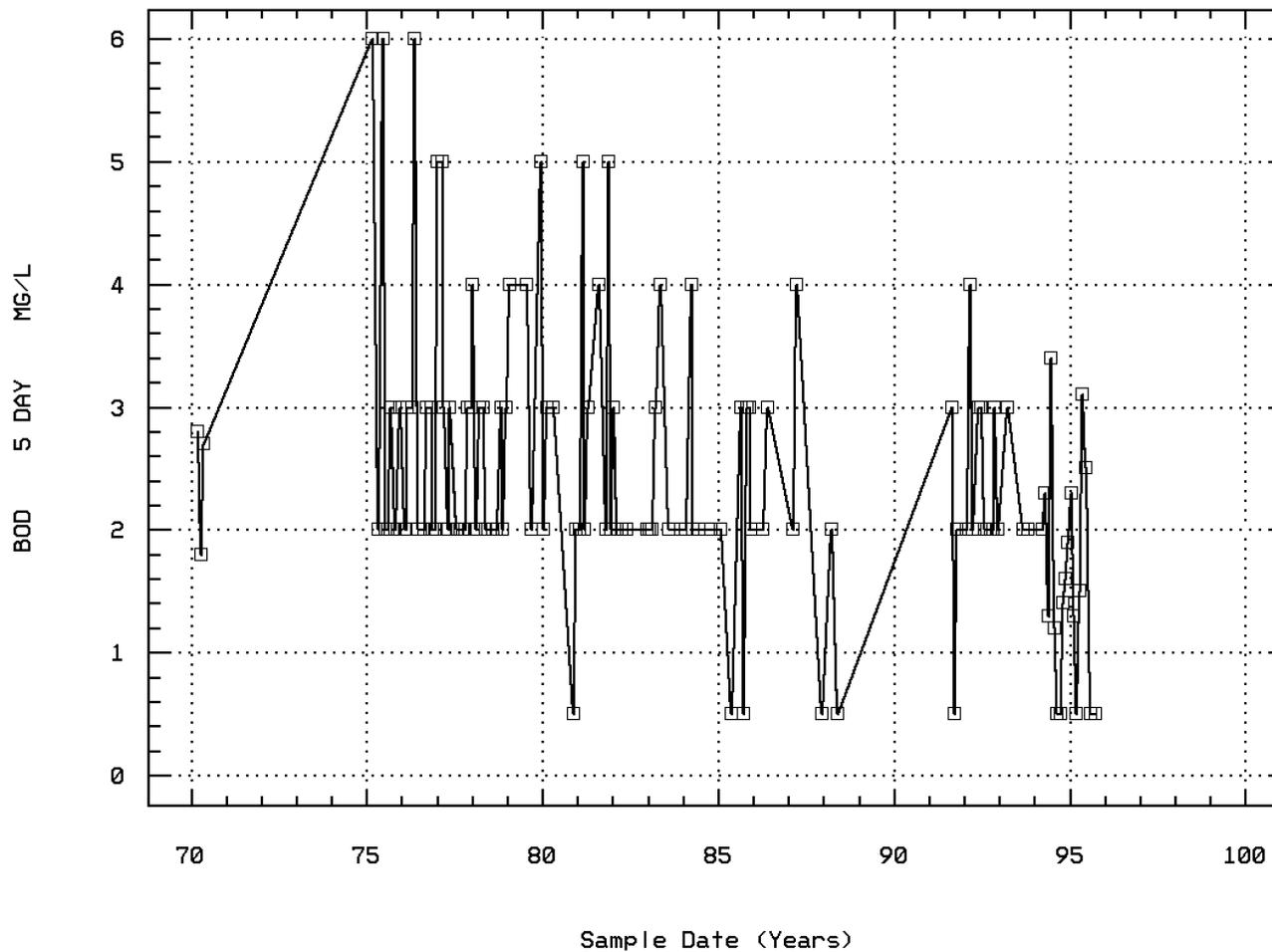
EPA Water Quality Criteria Analysis for Station: BLRI0111

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	4.	1 &	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	23 &	1	0.04	7	0	0.00	10	0	0.00	6	1	0.17			
	Drinking Water	5.	23 &	1	0.04	7	0	0.00	10	0	0.00	6	1	0.17			
01034 CHROMIUM, TOTAL	Drinking Water	100.	53	0	0.00	11	0	0.00	25	0	0.00	17	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	49 &	10	0.20	11	4	0.36	22	3	0.14	16	3	0.19			
	Drinking Water	1300.	52	0	0.00	11	0	0.00	25	0	0.00	16	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	50	1	0.02	10	0	0.00	25	0	0.00	15	1	0.07			
	Drinking Water	15.	50	11	0.22	10	2	0.20	25	5	0.20	15	4	0.27			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	2.	1 &	0	0.00							1	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	16	0	0.00	1	0	0.00	9	0	0.00	6	0	0.00			
	Drinking Water	100.	16	0	0.00	1	0	0.00	9	0	0.00	6	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	25	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00			
	Drinking Water	100.	25	0	0.00	7	0	0.00	11	0	0.00	7	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	53	2	0.04	11	0	0.00	25	1	0.04	17	1	0.06			
	Drinking Water	5000.	53	0	0.00	11	0	0.00	25	0	0.00	17	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00	3	3	1.00	1	1	1.00	3	3	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	255	208	0.82	69	57	0.83	119	93	0.78	67	58	0.87			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
	Drinking Water	3.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	52	0	0.00	11	0	0.00	25	0	0.00	16	0	0.00			
	Drinking Water	2.	52	0	0.00	11	0	0.00	25	0	0.00	16	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	24	1	0.04	6	0	0.00	12	1	0.08	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: BLRI0111 Parameter Code: 00310

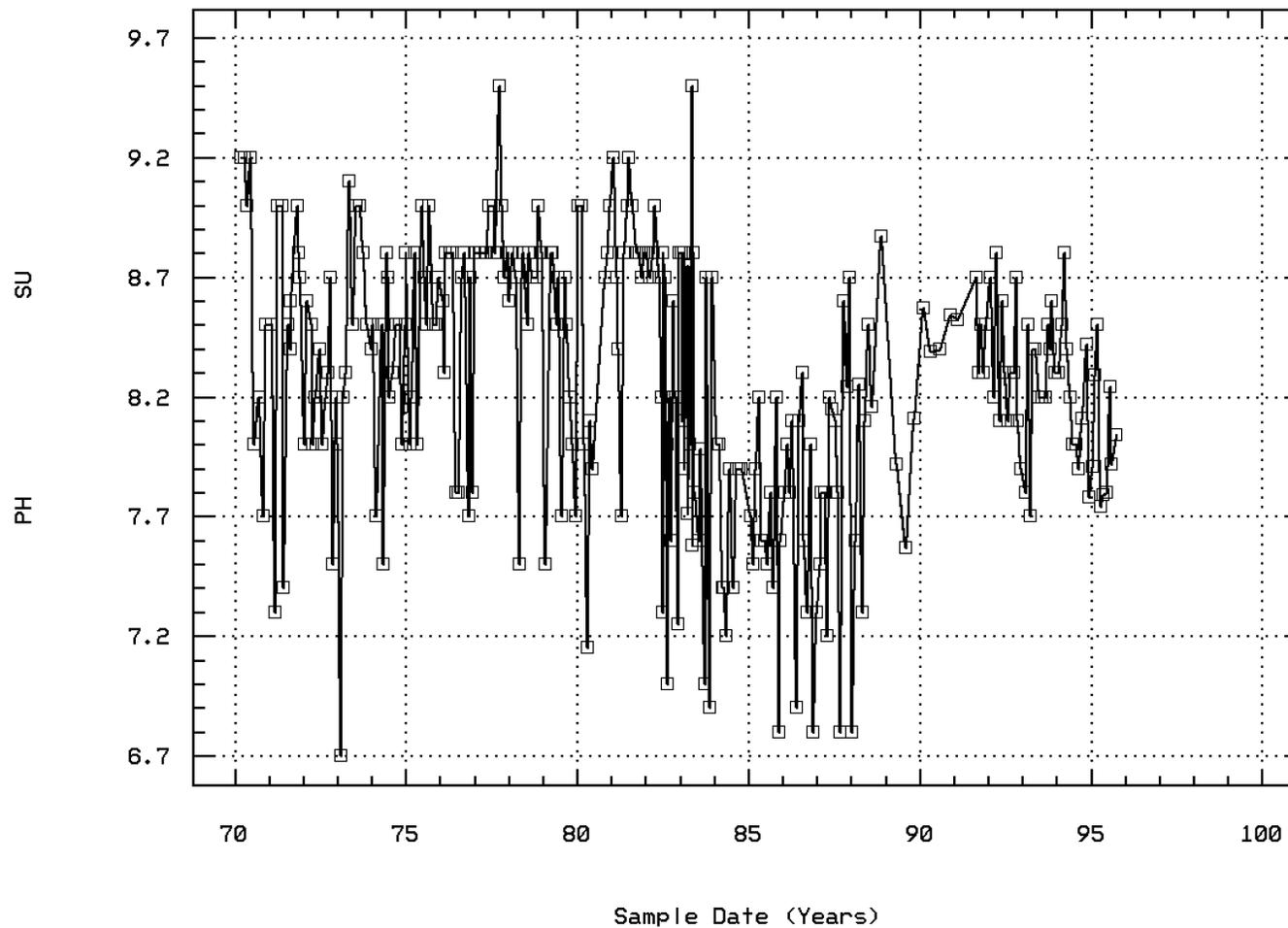
BOD, 5 DAY, 20 DEG C



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00400

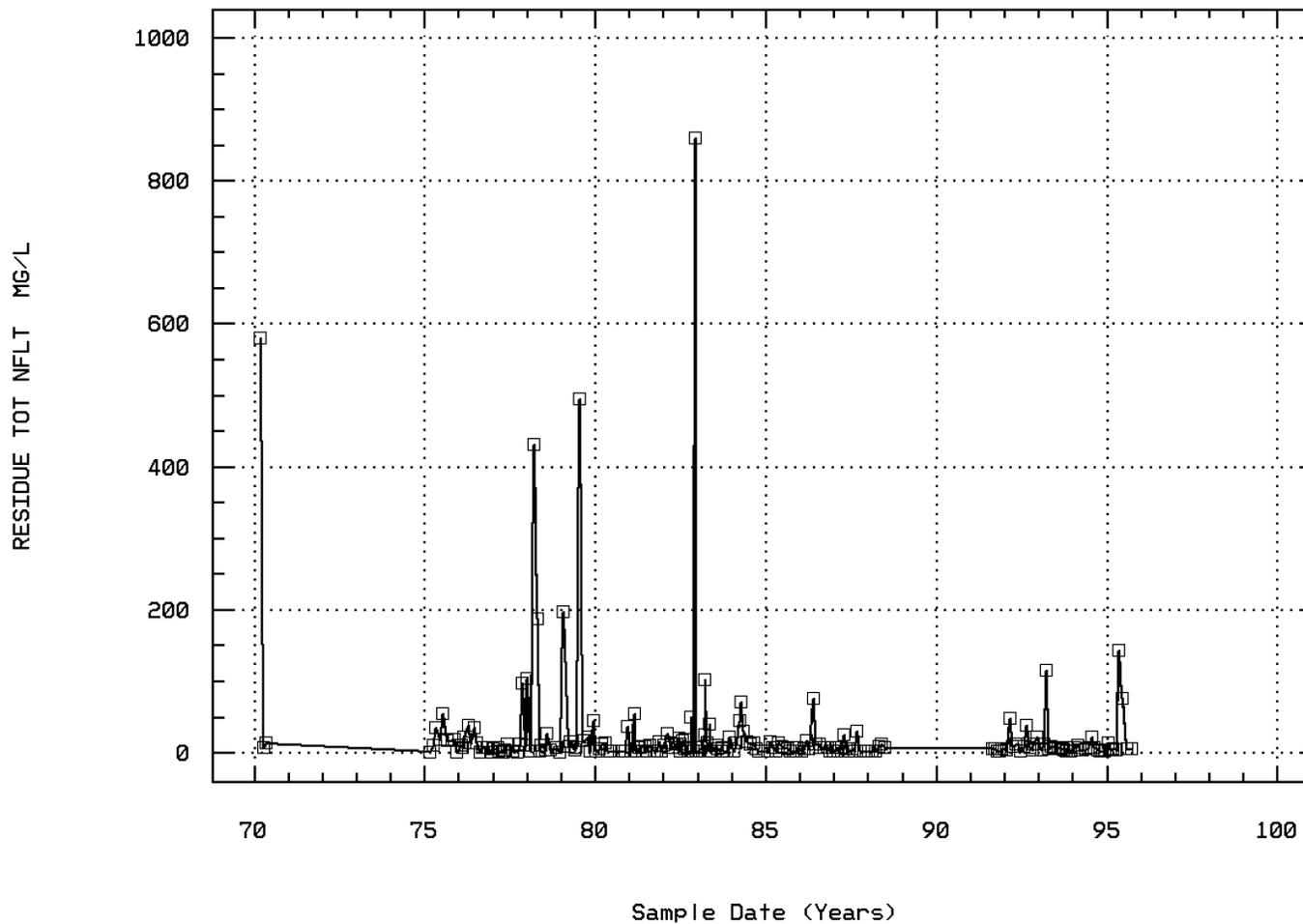
PH (STANDARD UNITS)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00530

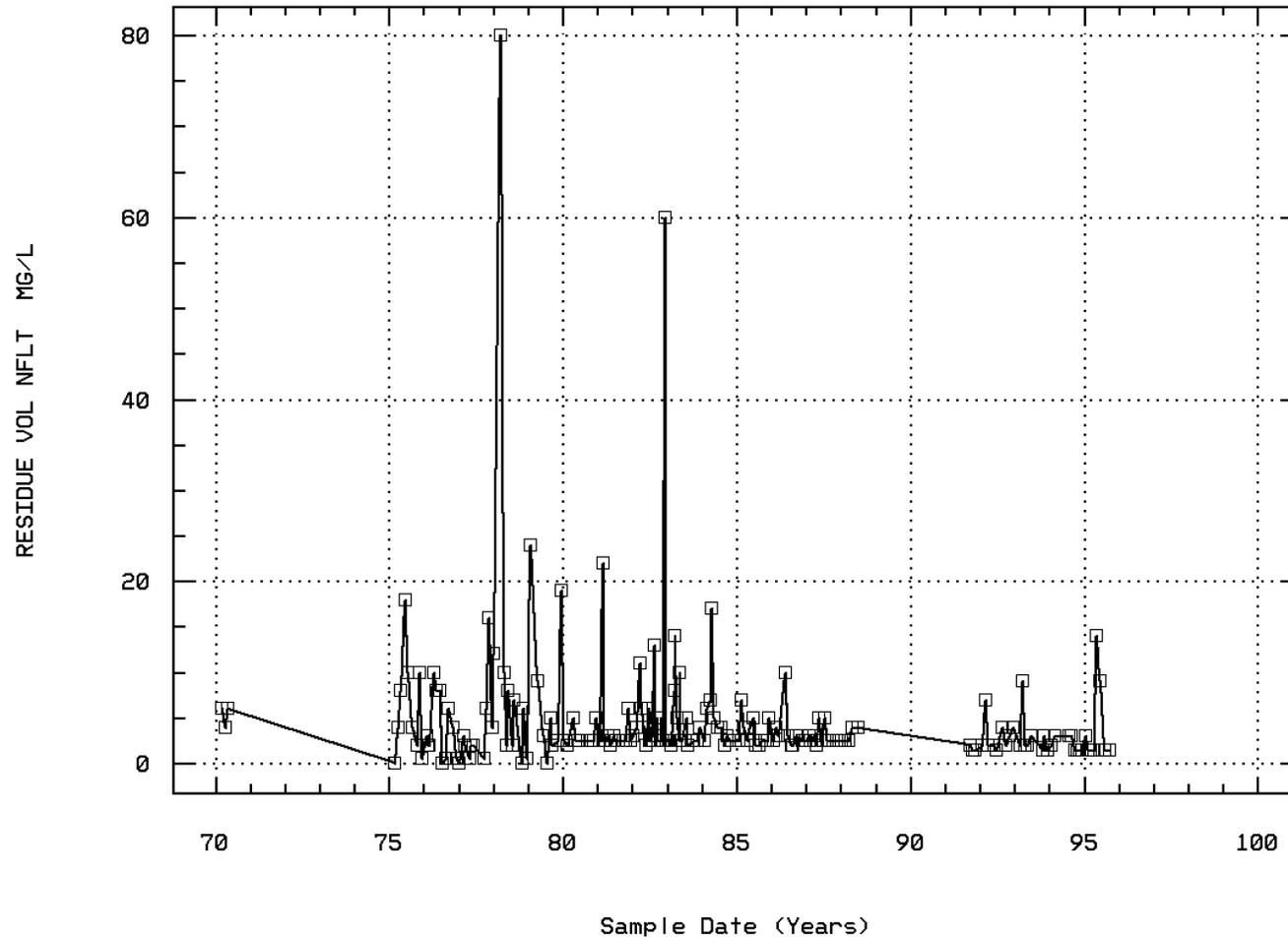
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00535

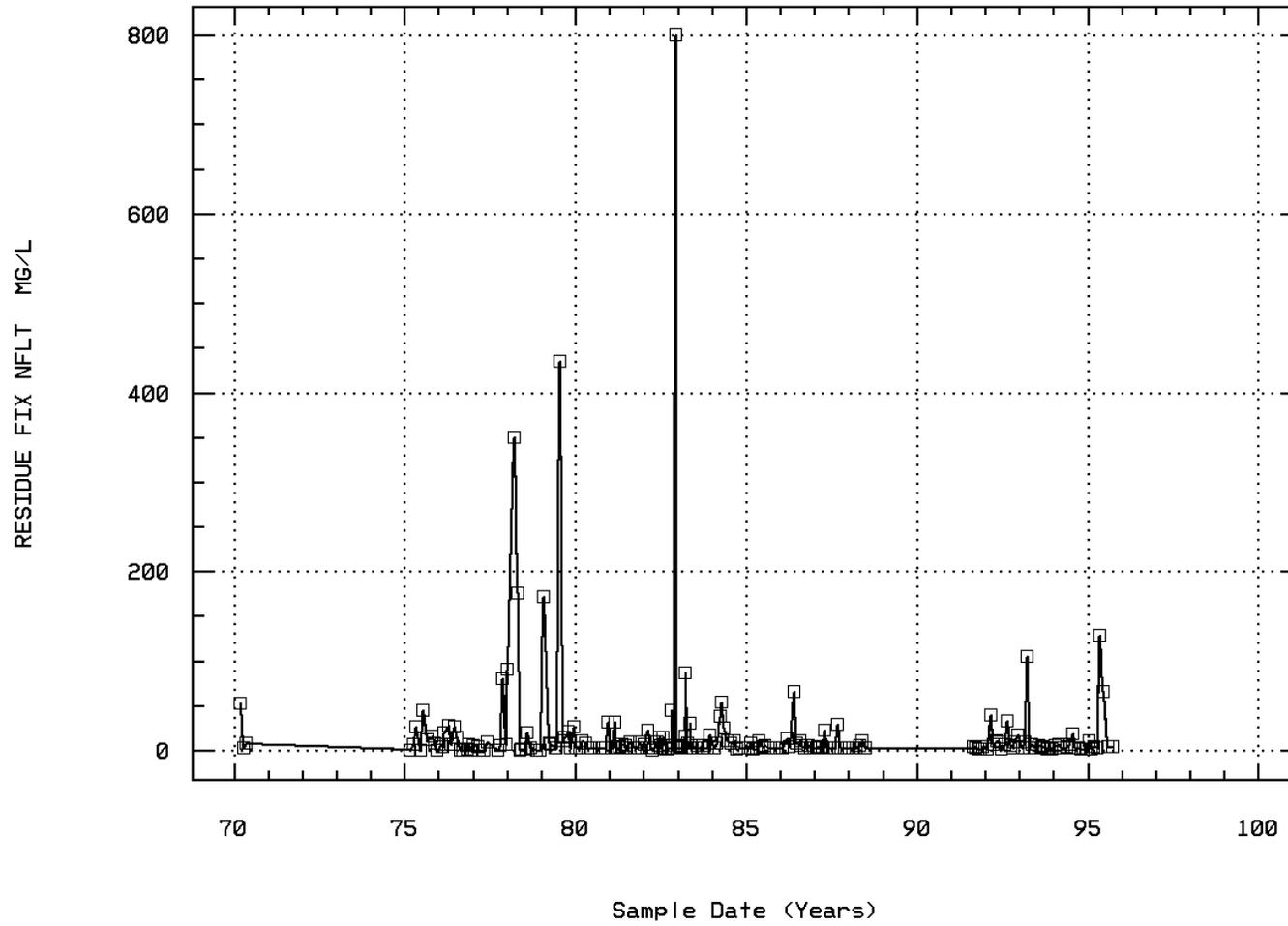
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00540

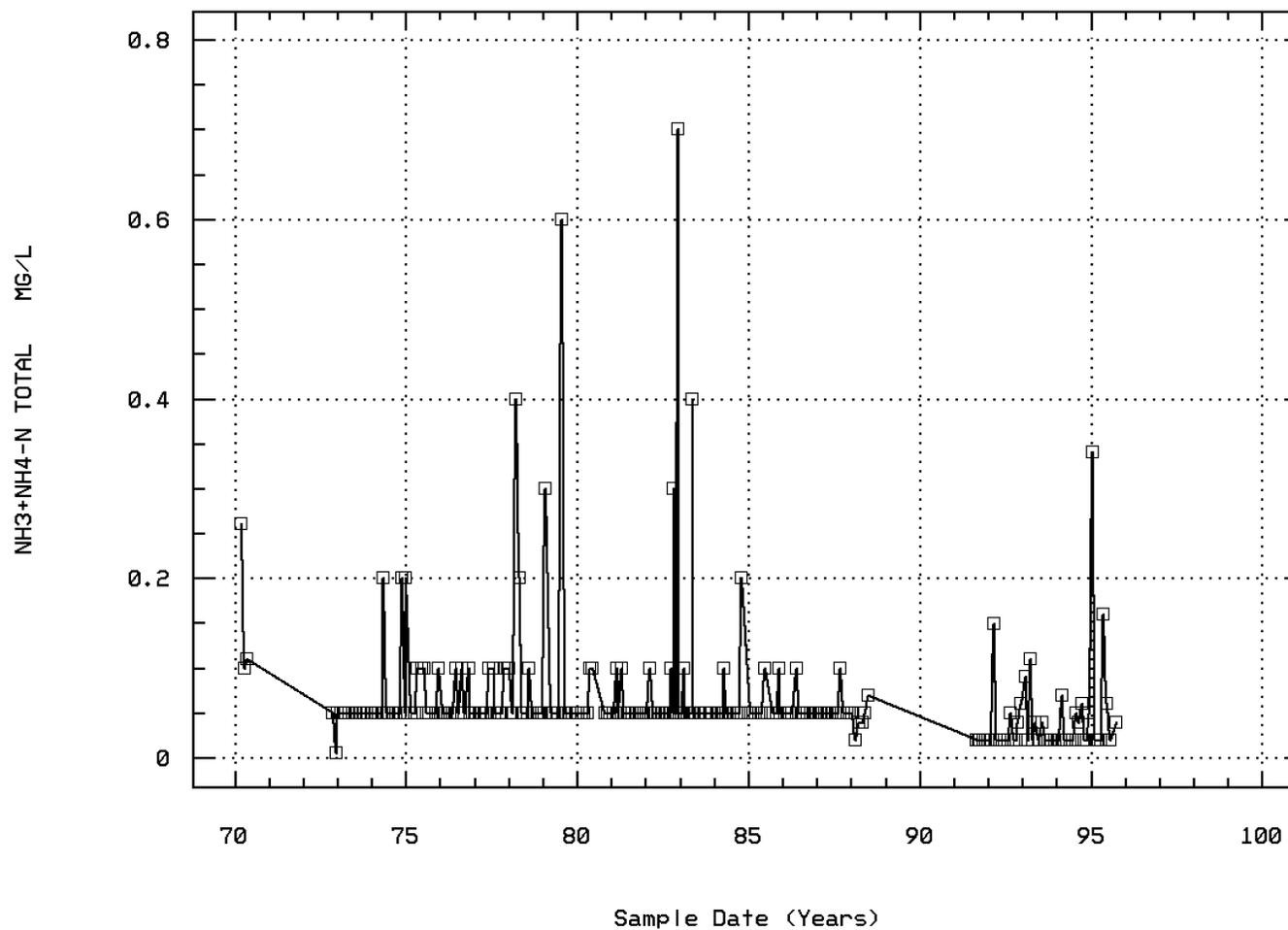
RESIDUE, FIXED NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00610

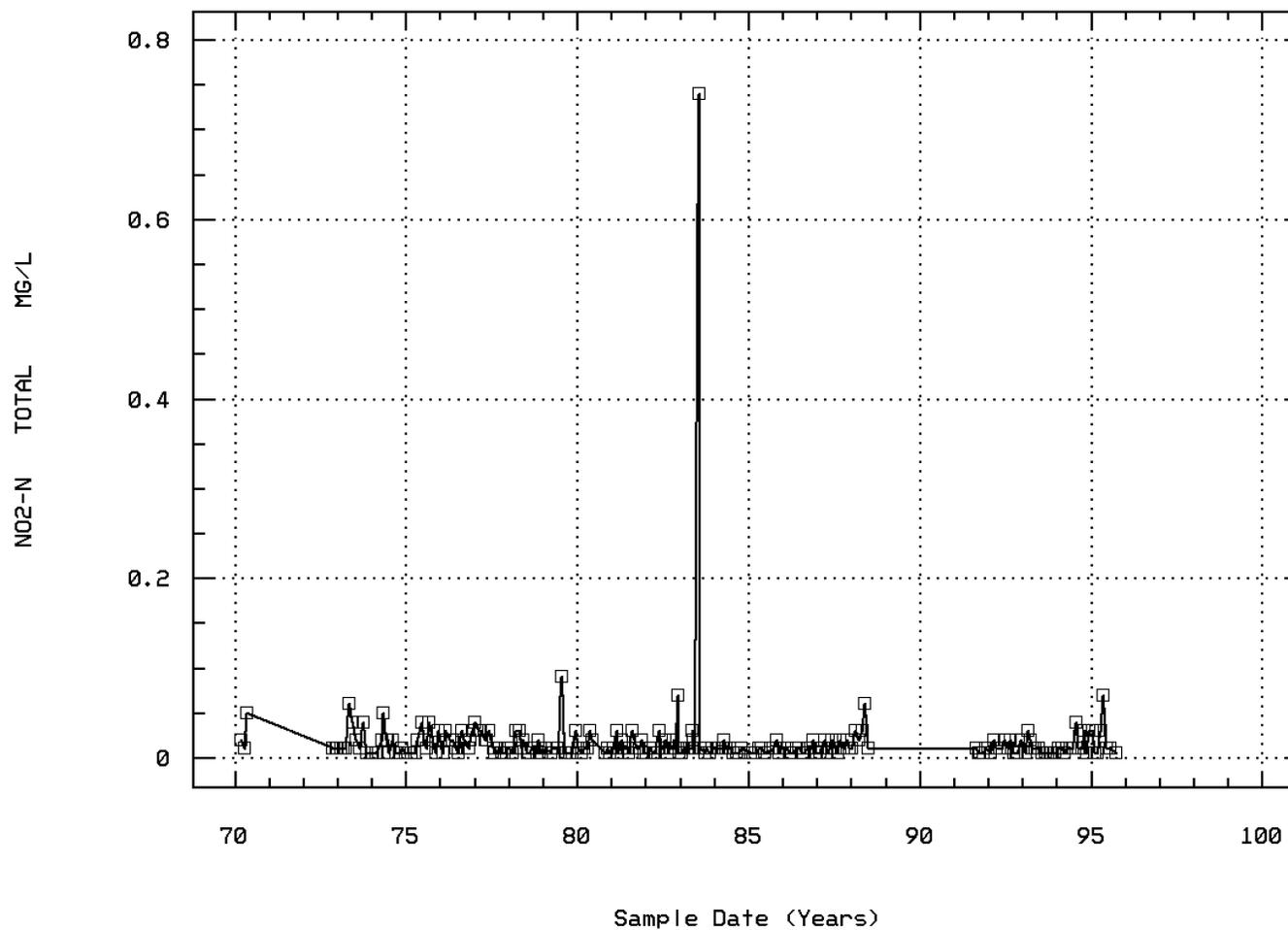
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00615

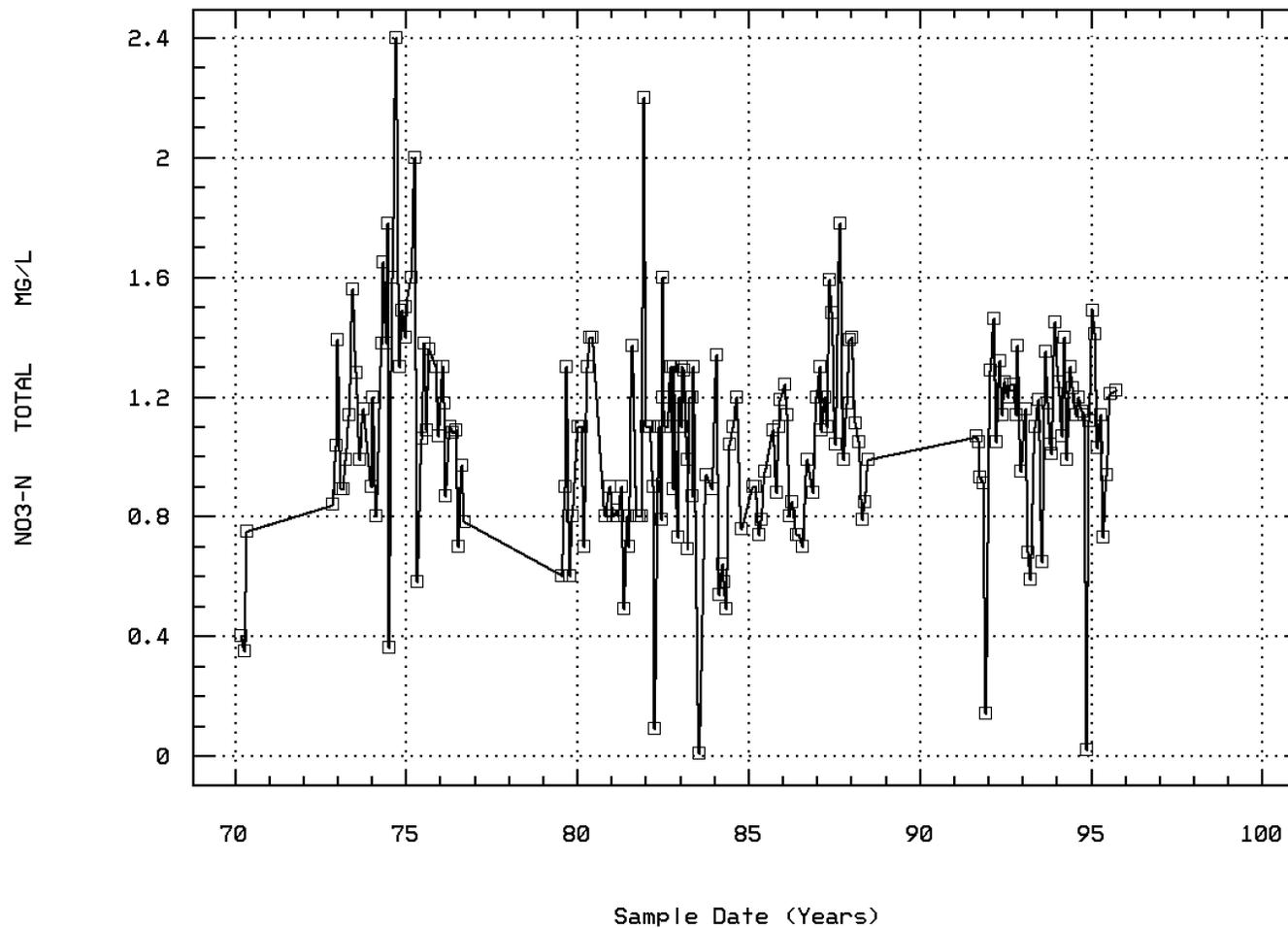
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00620

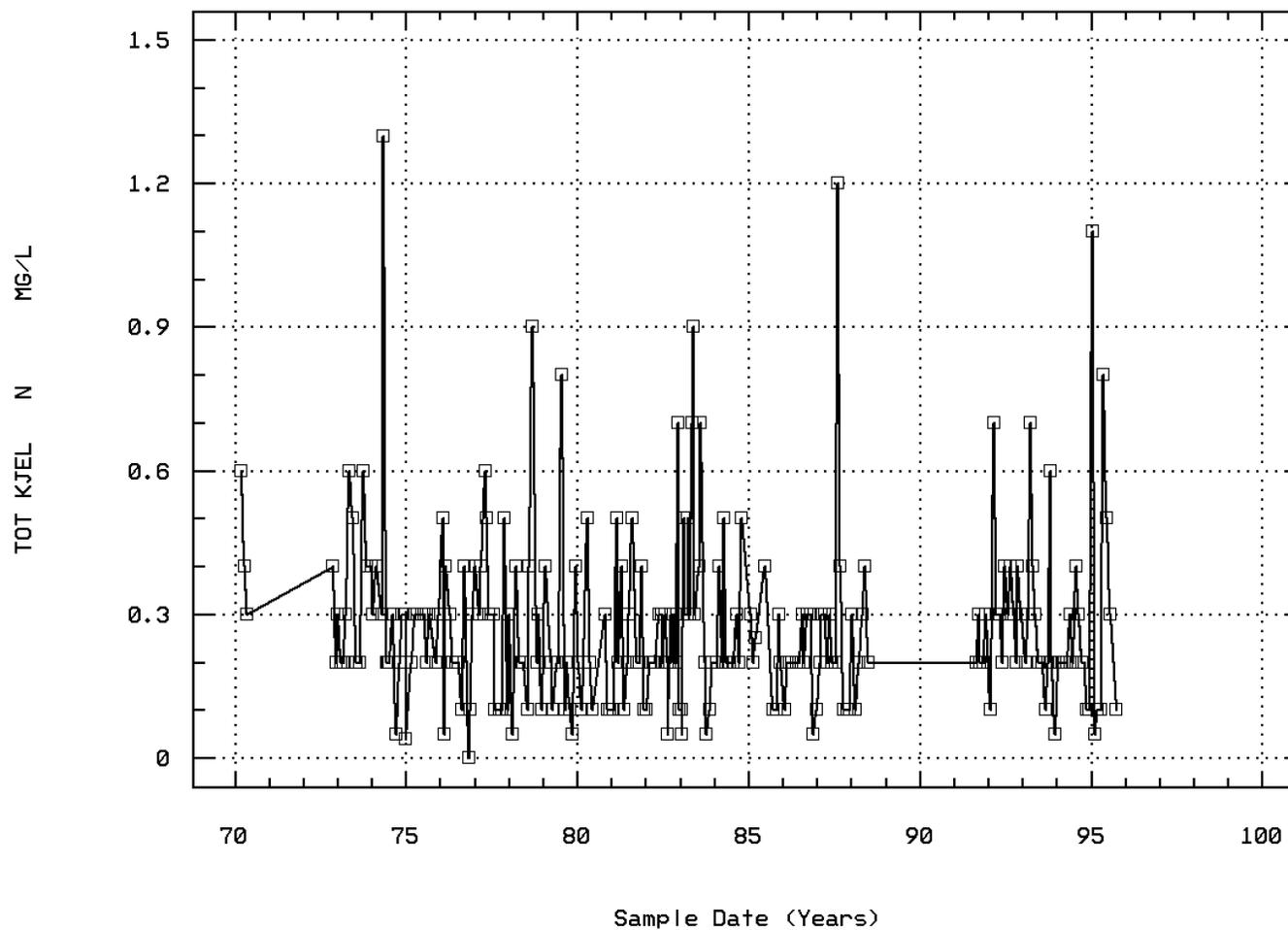
NITRATE NITROGEN, TOTAL (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Annual Analysis for 1970 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	8	17.5	16.875	26.7	3.9	52.376	7.237	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	8	9.3	9.4	11.8	6.8	3.2	1.789	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	3	2.7	2.433	2.8	1.8	0.303	0.551	**	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	8	8.75	8.625	9.2	7.7	0.368	0.607	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	8	8.682	8.277	9.2	7.7	0.507	0.712	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	8	0.002	0.005	0.02	0.001	0.	0.007	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	3	14.	200.333	580.	7.	108122.333	328.82	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	3	6.	5.333	6.	4.	1.333	1.155	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	3	8.	21.	52.	3.	727.	26.963	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	3	0.11	0.157	0.26	0.1	0.008	0.09	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	3	0.4	0.5	0.75	0.35	0.048	0.218	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	3	0.4	0.433	0.6	0.3	0.023	0.153	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	1	3.301	3.301	3.301	3.301	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	1	3.301	3.301	3.301	3.301	0.	0.	**	**	**	**
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	3	0.1	0.1	0.15	0.05	0.003	0.05	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	3	0.02	0.05	0.12	0.01	0.004	0.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	11	16.7	14.027	24.4	4.4	56.792	7.536	4.4	4.4	20.	23.52
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	11	8.4	9.364	12.	6.	3.839	1.959	6.4	8.	11.	12.
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.6	8.473	9.	7.3	0.354	0.595	7.32	8.4	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.6	8.003	9.	7.3	0.597	0.773	7.32	8.4	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	11	0.003	0.01	0.05	0.001	0.	0.017	0.001	0.001	0.004	0.048
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	8000.	31536.364	220000.	50.	4421668045.455	66495.624	50.	800.	8000.	192000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.903	3.622	5.342	1.699	1.293	1.137	1.699	2.903	3.903	5.255
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.903	3.622	5.342	1.699	1.293	1.137	1.699	2.903	3.903	5.255
	GEOMETRIC MEAN =			4186.309									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	13.85	14.433	23.3	4.4	38.564	6.21	4.76	10.275	20.55	22.97
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	9.	9.7	14.	7.8	3.735	1.932	7.8	8.05	11.05	13.34
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.2	8.217	8.7	7.5	0.105	0.324	7.65	8.	8.475	8.67
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.2	8.091	8.7	7.5	0.122	0.35	7.65	8.	8.475	8.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.006	0.008	0.032	0.002	0.	0.008	0.002	0.003	0.01	0.025
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	2	0.94	0.94	1.039	0.84	0.02	0.141	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	6000.	4716.667	6000.	200.	4372424.242	2091.034	680.	2800.	6000.	6000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	3.778	3.565	3.778	2.301	0.191	0.437	2.587	3.43	3.778	3.778
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	3.778	3.565	3.778	2.301	0.191	0.437	2.587	3.43	3.778	3.778
	GEOMETRIC MEAN =			3670.504									
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	2	0.11	0.11	0.17	0.05	0.007	0.085	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	11	11.7	14.955	25.6	5.	47.663	6.904	5.34	10.	21.1	24.92
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	11	10.5	10.482	12.	8.	1.65	1.284	8.24	9.4	12.	12.
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.5	8.409	9.1	6.7	0.449	0.67	6.96	8.2	9.	9.08
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.5	7.669	9.1	6.7	1.051	1.025	6.96	8.2	9.	9.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	11	0.003	0.021	0.2	0.001	0.003	0.059	0.001	0.001	0.006	0.162
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.01	0.02	0.06	0.005	0.	0.018	0.005	0.01	0.04	0.056
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	1.	1.108	1.559	0.89	0.049	0.222	0.89	0.9	1.279	1.525
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.3	0.355	0.6	0.2	0.025	0.157	0.2	0.2	0.5	0.6
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2100.	2231.818	6000.	50.	3170136.364	1780.488	80.	400.	3300.	5580.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.322	3.098	3.778	1.699	0.402	0.634	1.819	2.602	3.519	3.741
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				GEOMETRIC MEAN =								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	11 ##	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	11 ##	0.05	0.045	0.05	0.02	0.	0.012	0.02	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	15.85	14.667	22.2	4.4	35.626	5.969	4.76	10.1	20.	21.87
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	9.7	10.3	15.4	4.6	8.062	2.839	5.32	9.25	12.15	14.68
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.5	8.308	8.8	7.5	0.155	0.394	7.56	8.05	8.5	8.77
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.5	8.114	8.8	7.5	0.197	0.443	7.56	8.05	8.5	8.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.003	0.008	0.032	0.002	0.	0.009	0.002	0.003	0.009	0.028
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.075	0.2	0.05	0.003	0.058	0.05	0.05	0.05	0.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.008	0.014	0.05	0.005	0.	0.013	0.005	0.005	0.02	0.041
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	1.389	1.394	2.399	0.36	0.249	0.499	0.492	1.224	1.637	2.213
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.337	1.299	0.05	0.099	0.315	0.095	0.2	0.3	1.029
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	750.	2187.5	6000.	50.	7230965.909	2689.046	65.	100.	5750.	6000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.874	2.827	3.778	1.699	0.634	0.796	1.789	2.	3.759	3.778
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				GEOMETRIC MEAN =								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12 ##	0.05	0.063	0.2	0.05	0.002	0.043	0.05	0.05	0.05	0.155
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	13.85	13.783	24.4	2.2	55.482	7.449	2.53	7.525	21.1	23.74
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	10.4	10.733	13.6	8.	3.697	1.923	8.12	9.25	12.65	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	8	2.5	3.25	6.	2.	3.071	1.753	**	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.6	8.558	9.	8.	0.119	0.345	8.	8.275	8.8	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.589	8.426	9.	8.	0.138	0.371	8.	8.275	8.8	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.003	0.004	0.01	0.001	0.	0.003	0.001	0.002	0.006	0.01
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	18.	18.722	54.	0.	280.694	16.754	0.	5.25	26.	54.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	4.	6.278	18.	0.	33.694	5.805	0.	1.25	10.	18.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	8.	12.5	44.	0.	213.25	14.603	0.	0.25	21.	44.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.015	0.018	0.04	0.005	0.	0.014	0.005	0.005	0.033	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	1.329	1.293	2.	0.58	0.145	0.381	0.628	1.067	1.525	1.96
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	10	0.3	0.314	1.	0.04	0.065	0.255	0.056	0.2	0.3	0.93
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	9	8.	8.889	15.	5.	10.361	3.219	5.	6.5	11.	15.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	650.	1337.5	6000.	50.	3028238.636	1740.184	50.	87.5	2350.	4950.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.801	2.689	3.778	1.699	0.546	0.739	1.699	1.849	3.368	3.664
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 488.63											
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	10 ##	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	10 ##	0.05	0.037	0.05	0.005	0.	0.02	0.006	0.01	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	16.7	14.125	21.1	5.	41.871	6.471	5.	8.075	20.	21.1
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	10.1	11.208	17.2	8.8	7.412	2.722	8.86	9.1	12.45	16.72
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	11	2.	2.727	6.	2.	1.418	1.191	2.	2.	3.	5.4
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.65	8.383	8.8	7.7	0.222	0.471	7.73	7.8	8.8	8.8
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.647	8.148	8.8	7.7	0.282	0.531	7.73	7.8	8.8	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.002	0.007	0.02	0.002	0.	0.007	0.002	0.002	0.016	0.019
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	8.	13.083	38.	0.5	151.492	12.308	0.5	6.	20.	36.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	3.	4.	10.	0.	12.15	3.486	0.1	0.5	8.	9.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	6.	9.5	28.	0.	101.318	10.066	0.15	0.875	18.5	27.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.062	0.1	0.05	0.001	0.023	0.05	0.05	0.088	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.02	0.018	0.03	0.005	0.	0.009	0.005	0.01	0.028	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	1.079	1.007	1.299	0.7	0.038	0.194	0.7	0.825	1.139	1.299
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.229	0.5	0.	0.024	0.154	0.015	0.1	0.375	0.47
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	11	6.	6.182	12.	2.	7.364	2.714	2.2	5.	7.	11.4
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	400.	1083.333	6000.	50.	2916969.697	1707.914	50.	50.	1750.	4800.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.588	2.526	3.778	1.699	0.566	0.752	1.699	1.699	3.226	3.635
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 335.379											
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12 ##	0.005	0.012	0.04	0.005	0.	0.012	0.005	0.005	0.018	0.037

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	2.05	5.033	20.	0.8	38.219	6.182	0.8	1.175	8.	18.2
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	9.5	10.1	16.	7.2	6.527	2.555	7.2	8.3	11.85	14.98
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.5	2.75	5.	1.	1.477	1.215	1.3	2.	3.	5.
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.8	8.9	9.5	8.7	0.045	0.213	8.73	8.8	9.	9.35
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.8	8.864	9.5	8.7	0.047	0.216	8.73	8.8	9.	9.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.002	0.001	0.002	0.	0.	0.001	0.001	0.002	0.002	0.002
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	5.	13.455	96.	0.5	765.823	27.674	0.5	2.	11.	79.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	2.	3.364	16.	0.	20.605	4.539	0.1	0.5	4.	14.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	4.	10.182	80.	0.	544.514	23.335	0.1	0.5	6.	65.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.015	0.018	0.04	0.005	0.	0.012	0.005	0.006	0.03	0.037
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.308	0.6	0.1	0.032	0.178	0.1	0.1	0.475	0.57
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	8.	7.	10.	3.	7.818	2.796	3.	3.5	9.75	10.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	450.	1250.	6000.	100.	3017272.727	1737.03	130.	325.	1425.	5190.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.651	2.807	3.778	2.	0.256	0.506	2.09	2.508	3.152	3.7
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 640.759											
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12 ##	0.005	0.012	0.06	0.005	0.	0.016	0.005	0.005	0.01	0.048

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	9.	9.358	21.	0.	67.774	8.232	0.03	1.4	18.	21.
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	8.5	8.717	10.8	6.	2.607	1.615	6.24	7.55	10.6	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.	2.333	4.	1.	0.788	0.888	1.	2.	3.	3.7
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.7	8.633	9.	7.5	0.142	0.377	7.8	8.625	8.8	8.94
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.7	8.358	9.	7.5	0.225	0.474	7.8	8.625	8.8	8.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.002	0.004	0.032	0.001	0.	0.009	0.001	0.002	0.002	0.023
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.	64.625	430.	0.5	16444.96	128.238	0.65	2.	84.	356.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	4.	10.792	80.	0.	491.43	22.168	0.15	1.	9.5	59.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.	53.875	350.	0.	11576.915	107.596	0.	0.625	73.25	297.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12###	0.05	0.1	0.4	0.05	0.011	0.104	0.05	0.05	0.1	0.34
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.013	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.279	0.9	0.05	0.051	0.225	0.065	0.125	0.375	0.75
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	8.	9.667	23.	6.	27.152	5.211	6.	6.	11.5	20.9
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	500.	1377.273	8000.	50.	5704681.818	2388.448	60.	100.	1000.	7080.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.699	2.687	3.903	1.699	0.428	0.654	1.759	2.	3.	3.829
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			485.966								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12###	0.05	0.125	0.6	0.05	0.027	0.166	0.05	0.05	0.1	0.51
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12###	0.005	0.021	0.1	0.005	0.001	0.037	0.005	0.005	0.009	0.1

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	11	15.	14.273	22.	5.	32.618	5.711	5.8	9.	20.	21.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	6	205.	245.	350.	180.	6110.	78.166	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	11	8.2	7.909	9.	6.	1.043	1.021	6.12	6.8	8.8	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	9	1.	2.222	5.	1.	2.694	1.641	1.	1.	4.	5.
00340	COD, 25N K2CR2O7 MG/L	07/18/79-09/25/95	6	8.	8.833	14.	5.	15.367	3.92	**	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.5	8.282	8.8	7.5	0.236	0.485	7.54	7.7	8.7	8.8
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.5	8.036	8.8	7.5	0.302	0.55	7.54	7.7	8.7	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	11	0.003	0.009	0.032	0.002	0.	0.01	0.002	0.002	0.02	0.029
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	16.	75.136	495.	2.5	22475.205	149.917	2.6	6.	45.	435.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	2.5	6.136	24.	0.	65.105	8.069	0.2	1.	9.	23.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	11	11.	63.864	435.	2.5	17553.205	132.489	2.6	3.	26.	382.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11###	0.05	0.123	0.6	0.05	0.031	0.175	0.05	0.05	0.05	0.54
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.01	0.017	0.09	0.005	0.001	0.025	0.005	0.005	0.01	0.078
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	6	0.85	0.867	1.3	0.6	0.071	0.266	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.2	0.25	0.8	0.05	0.047	0.216	0.06	0.1	0.4	0.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	6###	0.05	0.1	0.3	0.05	0.01	0.1	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	5	0.01	0.02	0.04	0.01	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	11	7.	7.5	16.	0.5	18.75	4.33	1.	5.	10.	15.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3300.	4445.455	8000.	200.	12092727.273	3477.46	380.	1400.	8000.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.519	3.44	3.903	2.301	0.278	0.527	2.449	3.146	3.903	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2756.959								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	5###	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	5	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	9	13.	12.244	18.5	7.	19.438	4.409	7.	7.6	16.5	18.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	305.	305.	476.	80.	15145.5	123.067	80.	232.5	412.	476.

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	9	10.6	11.167	15.8	7.6	6.72	2.592	7.6	9.35	13.3	15.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	9	1.	1.611	3.	0.5	0.861	0.928	0.5	1.	2.5	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	9	5.	5.111	11.	0.5	15.299	3.911	0.5	0.75	8.5	11.
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	9	8.7	8.406	9.	7.15	0.424	0.651	7.15	7.95	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	9	8.7	7.921	9.	7.15	0.688	0.829	7.15	7.95	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	9	0.002	0.012	0.071	0.001	0.001	0.022	0.001	0.001	0.011	0.071
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	9##	2.5	8.722	36.	2.5	122.569	11.071	2.5	2.5	12.5	36.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	9##	2.5	2.833	5.	1.	1.75	1.323	1.	2.25	3.75	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	9##	2.5	7.278	31.	2.5	88.694	9.418	2.5	2.5	9.5	31.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	9##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.015	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	1.1	1.078	1.4	0.7	0.064	0.254	0.7	0.85	1.35	1.4
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	8	0.15	0.2	0.5	0.1	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	8##	0.075	0.1	0.3	0.05	0.007	0.085	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	9	0.02	0.016	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	9	7.	6.444	9.	1.	5.778	2.404	1.	5.5	8.	9.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8	550.	1362.5	6000.	50.	4067678.571	2016.849	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8	2.69	2.68	3.778	1.699	0.551	0.742	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			478.154								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	12.5	13.55	26.2	5.5	49.977	7.069	5.56	7.125	18.5	25.84
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	300.	294.909	415.	160.	6082.091	77.988	168.	240.	360.	412.
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	10.7	11.192	14.4	8.7	2.835	1.684	8.94	10.2	12.525	14.16
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.	2.417	5.	1.	2.265	1.505	1.	1.	3.75	5.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	7.	8.625	22.	0.5	39.869	6.314	1.25	3.25	12.	20.5
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.8	8.758	9.2	7.7	0.161	0.401	7.91	8.7	9.	9.2
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.8	8.505	9.2	7.7	0.231	0.481	7.91	8.7	9.	9.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.002	0.003	0.02	0.001	0.	0.005	0.001	0.001	0.002	0.015
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12##	4.75	9.75	54.	2.5	210.432	14.506	2.5	2.5	9.5	42.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12##	2.5	4.333	22.	1.	32.288	5.682	1.3	2.5	3.	17.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12##	3.25	6.667	32.	2.5	69.742	8.351	2.5	2.5	8.25	25.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.006	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.8	0.94	2.2	0.49	0.197	0.444	0.553	0.8	0.88	1.951
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.267	0.5	0.1	0.022	0.15	0.1	0.125	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.02	0.023	0.07	0.005	0.	0.019	0.005	0.01	0.038	0.061
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	6.	6.292	11.	0.5	8.93	2.988	1.25	4.25	8.75	10.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	1200.	2222.727	7500.	50.	6059681.818	2461.642	60.	500.	4000.	7120.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.079	3.002	3.875	1.699	0.47	0.686	1.759	2.699	3.602	3.85
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1005.173								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	18	15.05	14.25	22.	1.8	42.916	6.551	2.88	9.475	20.	21.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	325.	322.5	430.	210.	6879.545	82.943	211.5	245.	397.5	427.
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	17	8.6	9.235	15.5	3.4	7.234	2.69	6.12	7.85	11.3	12.86

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	1.5	3.	1.	0.455	0.674	1.	1.	2.	2.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	18	6.5	20.389	234.	2.	2875.663	53.625	2.9	3.75	11.	46.8
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	18	8.4	8.269	9.	7.	0.38	0.616	7.225	7.9	8.8	8.82
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	18	8.355	7.804	9.	7.	0.609	0.78	7.225	7.9	8.8	8.82
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	18	0.004	0.016	0.1	0.001	0.001	0.027	0.002	0.002	0.014	0.061
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	18	10.5	59.417	860.	2.5	40058.713	200.147	2.5	2.5	18.5	131.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	18	3.5	7.639	60.	2.	179.759	13.407	2.45	2.5	6.	17.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	18	4.	52.306	800.	0.	34936.975	186.914	1.8	2.5	14.	120.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	17###	0.05	0.109	0.7	0.05	0.027	0.164	0.05	0.05	0.075	0.38
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	18	0.01	0.014	0.07	0.005	0.	0.015	0.005	0.005	0.013	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	18	1.1	1.028	1.6	0.09	0.095	0.309	0.666	0.898	1.2	1.33
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	18	0.2	0.236	0.7	0.05	0.019	0.137	0.095	0.2	0.3	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	18###	0.05	0.061	0.3	0.02	0.004	0.06	0.029	0.05	0.05	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	17	0.02	0.024	0.08	0.005	0.	0.02	0.009	0.01	0.025	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	4.5	4.208	7.	0.5	4.521	2.126	0.65	2.5	5.75	7.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	900.	831.818	2100.	50.	599636.364	774.362	50.	50.	1500.	2080.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.954	2.603	3.322	1.699	0.433	0.658	1.699	1.699	3.176	3.318
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			400.501								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	17	13.5	12.853	21.	1.8	36.215	6.018	2.76	8.6	18.	21.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	290.	297.273	420.	140.	6016.818	77.568	160.	250.	365.	412.
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	17	10.7	10.594	15.1	8.	5.134	2.266	8.16	8.4	12.4	14.54
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.5	1.75	4.	1.	0.932	0.965	1.	1.	2.	3.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	17	4.	6.5	23.	0.5	39.375	6.275	0.9	3.	8.	18.2
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	17	8.	8.154	9.5	6.9	0.5	0.707	6.98	7.655	8.775	8.94
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	17	8.	7.669	9.5	6.9	0.75	0.866	6.98	7.655	8.775	8.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	17	0.01	0.021	0.126	0.	0.001	0.036	0.001	0.002	0.022	0.105
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	17	6.	14.735	101.	2.5	599.097	24.476	2.5	2.5	17.	52.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	17	2.5	4.147	14.	1.	11.899	3.449	1.8	2.25	5.	10.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	17	4.	11.618	87.	2.5	432.954	20.808	2.5	2.5	12.	41.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	17###	0.05	0.074	0.4	0.05	0.007	0.085	0.05	0.05	0.05	0.16
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	17	0.01	0.054	0.74	0.005	0.031	0.177	0.005	0.008	0.01	0.172
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	17	1.	0.987	1.3	0.01	0.091	0.302	0.554	0.915	1.2	1.3
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	17	0.3	0.371	0.9	0.05	0.067	0.259	0.05	0.15	0.6	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	17###	0.05	0.055	0.1	0.01	0.001	0.029	0.01	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	17	0.03	0.036	0.1	0.005	0.001	0.028	0.005	0.013	0.06	0.076
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	3.5	3.292	5.	0.5	3.203	1.79	0.65	1.25	5.	5.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	850.	2504.167	8000.	50.	11404299.242	3377.025	50.	62.5	6575.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.929	2.82	3.903	1.699	0.762	0.873	1.699	1.774	3.768	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			660.459								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	10	15.1	13.87	20.5	5.5	30.48	5.521	5.68	8.5	19.125	20.37
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	320.	292.1	386.	165.	7716.322	87.843	165.	210.	370.	384.4
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	10	10.05	9.96	12.6	7.4	2.009	1.418	7.52	9.125	10.5	12.48
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	10	1.5	1.7	4.	1.	0.9	0.949	1.	1.	2.	3.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	3.5	4.85	13.	0.5	19.447	4.41	0.55	1.	7.5	12.9
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	10	7.9	7.7	8.	7.2	0.096	0.309	7.22	7.4	7.925	8.
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	10	7.9	7.597	8.	7.2	0.107	0.328	7.22	7.4	7.925	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	10	0.013	0.025	0.063	0.01	0.	0.019	0.01	0.012	0.04	0.061
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	13.5	21.	71.	2.5	480.833	21.928	2.5	4.375	33.75	68.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	4.	5.3	17.	2.	19.511	4.417	2.05	2.5	6.25	16.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	9.5	16.2	54.	2.	305.233	17.471	2.05	2.5	28.25	52.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10###	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.88	0.869	1.34	0.49	0.092	0.304	0.495	0.57	1.125	1.326
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	10	0.2	0.29	0.5	0.2	0.017	0.129	0.2	0.2	0.425	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	10###	0.05	0.083	0.2	0.05	0.003	0.051	0.05	0.05	0.108	0.193
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	10	0.045	0.053	0.13	0.01	0.001	0.035	0.011	0.028	0.073	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	10	4.	3.85	8.	0.5	5.781	2.404	0.55	1.75	5.5	7.9
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	1100.	2550.	8000.	50.	10531250.	3245.189	50.	300.	5700.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	3.041	2.982	3.903	1.699	0.538	0.734	1.699	2.452	3.717	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			959.51								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	13.5	12.708	21.1	4.	35.283	5.94	4.	7.45	18.35	20.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	327.5	323.667	434.	250.	3689.515	60.741	250.	255.	377.5	420.8
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	9.7	10.458	13.8	8.2	3.539	1.881	8.38	9.05	12.4	13.62
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	1.583	3.	0.5	0.947	0.973	0.5	1.	2.75	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	6.	9.083	31.	1.	84.811	9.209	1.6	4.	9.25	29.2
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	7.6	7.65	8.2	6.8	0.139	0.373	6.98	7.5	7.875	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	7.6	7.479	8.2	6.8	0.171	0.413	6.98	7.5	7.875	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.025	0.033	0.158	0.006	0.002	0.041	0.006	0.013	0.032	0.123
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.5	6.208	15.	2.5	19.703	4.439	2.5	2.5	8.5	14.7
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.5	3.458	7.	2.	2.43	1.559	2.	2.5	4.75	6.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.5	3.792	10.	1.	7.066	2.658	1.3	2.5	4.75	9.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10###	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10###	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.925	0.954	1.19	0.74	0.02	0.142	0.745	0.858	1.093	1.181
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	8	0.225	0.231	0.4	0.1	0.011	0.103	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	8###	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	10	0.03	0.043	0.1	0.005	0.001	0.035	0.006	0.01	0.075	0.099
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	3.	3.792	10.	0.5	6.612	2.571	0.95	2.	4.75	9.1
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2800.	9804.167	80000.	50.	497691117.424	22308.992	65.	925.	8000.	58400.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	3.447	3.342	4.903	1.699	0.748	0.865	1.789	2.935	3.903	4.603
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2196.707								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	15.	12.708	22.2	2.9	46.346	6.808	2.99	5.625	18.775	21.69
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	320.	305.417	435.	190.	5852.083	76.499	199.	232.5	370.	418.5
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	12	9.8	10.267	13.	8.2	2.875	1.696	8.26	8.5	11.9	12.76
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	11	1.	1.273	3.	1.	0.418	0.647	1.	1.	1.	2.8
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	5.5	6.958	20.	0.5	39.294	6.268	0.65	2.25	8.75	19.4

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	7.8	7.667	8.3	6.8	0.241	0.491	6.83	7.3	8.075	8.24
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	7.8	7.396	8.3	6.8	0.321	0.566	6.83	7.3	8.075	8.24
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.016	0.04	0.158	0.005	0.003	0.051	0.006	0.008	0.05	0.149
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	6.	12.625	76.	2.5	415.824	20.392	2.5	3.125	11.75	58.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.5	3.042	10.	1.	5.521	2.35	1.	2.	3.	8.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	4.5	10.208	66.	1.	321.203	17.922	1.45	2.5	9.5	50.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.935	0.94	1.24	0.7	0.034	0.185	0.712	0.755	1.105	1.228
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.196	0.3	0.05	0.007	0.081	0.065	0.125	0.275	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.096	0.2	0.05	0.002	0.04	0.05	0.063	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.055	0.05	0.11	0.005	0.001	0.032	0.007	0.018	0.06	0.104
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	3.5	3.417	5.	1.	0.992	0.996	1.6	3.	4.	4.7
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	8	207.	198.	216.	144.	568.286	23.839	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	1050.	1982.5	5500.	400.	3116038.636	1765.23	430.	700.	2925.	5347.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	3.021	3.139	3.74	2.602	0.152	0.39	2.631	2.845	3.466	3.728
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1375.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	14	12.45	12.929	22.4	1.	42.735	6.537	3.5	8.075	19.775	22.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	328.	309.091	377.	215.	3057.891	55.298	216.	270.	355.	373.6
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	14	9.2	8.879	13.6	1.	14.082	3.753	1.	8.35	11.05	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	11	1.	1.318	4.	0.5	0.914	0.956	0.6	1.	1.	3.6
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	3.5	3.792	8.	0.5	8.748	2.958	0.5	0.625	6.75	8.
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	14	7.95	7.924	8.7	6.8	0.265	0.515	7.	7.725	8.24	8.65
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	14	7.925	7.597	8.7	6.8	0.38	0.616	7.	7.725	8.24	8.65
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	14	0.012	0.025	0.158	0.002	0.002	0.041	0.002	0.006	0.02	0.111
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	3.75	7.667	29.	2.5	81.561	9.031	2.5	2.5	7.	27.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	2.958	5.	2.	0.975	0.988	2.15	2.5	3.	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	6.583	29.	2.5	80.629	8.979	2.5	2.5	4.	26.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.006	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	1.19	1.262	1.78	0.99	0.064	0.252	0.993	1.053	1.458	1.723
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.3	1.2	0.1	0.089	0.298	0.1	0.125	0.3	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.075	0.188	1.4	0.05	0.147	0.383	0.05	0.05	0.1	1.025
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.015	0.022	0.05	0.005	0.	0.016	0.005	0.01	0.04	0.047
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	8	3.	3.625	6.	3.	1.411	1.188	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	200.	195.583	224.	140.	485.72	22.039	152.	186.5	209.25	222.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	800.	1372.727	8000.	100.	5056181.818	2248.596	120.	200.	1100.	6740.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.903	2.826	3.903	2.	0.271	0.52	2.06	2.301	3.041	3.769
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			669.251								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	8	12.95	12.775	21.3	5.	38.779	6.227	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	7	300.	307.286	412.	230.	5487.238	74.076	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	7	11.5	10.814	13.5	7.6	4.568	2.137	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	6	1.	1.083	2.	0.5	0.242	0.492	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	5	2.	2.9	6.	0.5	6.05	2.46	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	8	8.13	7.947	8.87	6.8	0.453	0.673	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	8	8.129	7.49	8.87	6.8	0.692	0.832	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	8	0.007	0.032	0.158	0.001	0.003	0.054	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	6###	4.75	5.75	11.	2.5	14.275	3.778	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	6###	2.5	2.75	4.	1.	1.275	1.129	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	6###	2.75	4.25	10.	2.5	8.875	2.979	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	6	0.045	0.045	0.07	0.02	0.	0.016	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	6	0.025	0.027	0.06	0.01	0.	0.019	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	6	1.02	1.032	1.4	0.79	0.047	0.217	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	6	0.25	0.25	0.4	0.1	0.011	0.105	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	6	0.1	0.117	0.2	0.05	0.005	0.068	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	6	0.07	0.062	0.08	0.02	0.001	0.024	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	4	1.15	1.125	1.4	0.8	0.062	0.25	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	7	212.	206.429	220.	185.	169.286	13.011	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	7	400.	1050.	2800.	50.	1272500.	1128.051	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	7	2.602	2.657	3.447	1.699	0.479	0.692	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			454.373							

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	3	18.3	17.7	22.3	12.5	24.28	4.927	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	3	310.	259.333	350.	118.	15381.333	124.022	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	3	8.6	9.367	12.7	6.8	9.143	3.024	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	3	7.92	7.867	8.11	7.57	0.075	0.274	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	3	7.92	7.808	8.11	7.57	0.08	0.283	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	3	0.012	0.016	0.027	0.008	0.	0.01	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	3	176.	174.	262.	84.	7924.	89.017	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	3	7300.	5166.667	8000.	200.	1862333.333	4315.476	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	3	3.863	3.356	3.903	2.301	0.835	0.914	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2268.894							

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	4	15.25	14.7	19.9	8.4	34.487	5.873	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	4	330.	313.75	385.	210.	6056.25	77.822	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	4	10.	9.75	11.3	7.7	2.91	1.706	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	4	8.47	8.475	8.57	8.39	0.009	0.093	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	4	8.464	8.468	8.57	8.39	0.009	0.094	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	4	0.003	0.003	0.004	0.003	0.	0.001	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	4	216.	207.	234.	162.	974.667	31.22	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	4	3550.	4100.	8000.	1300.	9486666.667	3080.043	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	4	3.504	3.506	3.903	3.114	0.131	0.362	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			3209.286							

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	6	13.55	14.467	21.8	8.	28.799	5.366	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	6	290.	315.833	415.	255.	3714.167	60.944	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	5	11.6	11.54	13.8	9.7	2.873	1.695	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	5	1.	1.5	3.	0.5	1.	1.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	5	6.	6.	8.	4.	2.5	1.581	**	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	6	8.5	8.47	8.7	8.3	0.023	0.152	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	6	8.5	8.448	8.7	8.3	0.024	0.153	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	6	0.003	0.004	0.005	0.002	0.	0.001	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	5	5.	3.6	5.	1.5	3.675	1.917	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	5	1.5	1.4	2.	1.	0.175	0.418	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	5	3.	2.8	4.	1.5	1.575	1.255	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	5##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	5##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	5	0.93	0.82	1.07	0.14	0.15	0.387	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	5	0.2	0.24	0.3	0.2	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	5##	0.05	0.08	0.2	0.05	0.005	0.067	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	5	0.01	0.016	0.04	0.01	0.	0.013	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	4	1.3	1.45	2.1	1.1	0.197	0.443	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	6	214.5	215.833	234.	200.	123.367	11.107	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	5	300.	390.	1100.	50.	178000.	421.9	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	5	2.477	2.364	3.041	1.699	0.276	0.525	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			231.158								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	13.65	14.408	22.	7.3	24.401	4.94	8.14	10.4	20.	21.85
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	297.5	264.167	370.	25.	8699.242	93.27	68.5	233.75	325.	361.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	12	10.55	10.975	15.2	8.5	5.347	2.312	8.5	8.85	12.5	15.02
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.	2.333	4.	1.	0.606	0.778	1.3	2.	3.	3.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	11	13.	12.273	19.	3.	24.818	4.982	3.4	9.	16.	18.6
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.3	8.342	8.8	7.9	0.084	0.291	7.96	8.1	8.675	8.77
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.3	8.261	8.8	7.9	0.092	0.303	7.96	8.1	8.675	8.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.005	0.005	0.013	0.002	0.	0.003	0.002	0.002	0.008	0.011
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	10.	14.458	47.	1.5	195.248	13.973	2.25	4.75	18.75	44.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.	2.542	7.	1.	3.066	1.751	1.	1.125	3.75	6.1
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	8.	12.042	40.	1.5	150.839	12.282	1.65	3.5	15.5	37.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12##	0.02	0.038	0.15	0.02	0.001	0.038	0.02	0.02	0.048	0.123
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.012	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	1.24	1.221	1.46	0.95	0.019	0.139	0.98	1.14	1.313	1.433
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.325	0.7	0.1	0.022	0.148	0.13	0.225	0.4	0.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.083	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	6	0.01	0.017	0.05	0.005	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	10	5.	5.95	23.	0.5	41.114	6.412	0.5	1.85	6.375	21.36
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	209.	181.675	254.	0.1	5423.486	73.644	27.07	144.	231.5	249.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	1550.	2316.667	8000.	100.	7879696.97	2807.08	100.	100.	3275.	7850.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	3.171	2.897	3.903	2.	0.606	0.778	2.	2.	3.515	3.895
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			789.388								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	6	0.02	0.019	0.03	0.005	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	12	13.95	13.5	23.5	3.7	55.476	7.448	4.12	5.75	21.025	23.17
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	262.5	265.	400.	105.	7677.273	87.62	115.5	208.75	333.75	385.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	12	9.85	10.533	13.3	7.6	3.993	1.998	7.87	8.775	12.5	13.27
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	1.333	3.	1.	0.424	0.651	1.	1.75	2.7	
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	5.5	8.25	31.	2.5	61.795	7.861	2.5	4.25	9.5	25.9
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.35	8.267	8.6	7.7	0.075	0.274	7.73	8.2	8.475	8.57
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	12	8.347	8.173	8.6	7.7	0.085	0.291	7.73	8.2	8.475	8.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.004	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.006	0.019
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.5	14.333	114.	1.5	991.833	31.493	1.5	4.	7.5	83.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	1.75	2.333	9.	1.	4.924	2.219	1.	1.	2.75	7.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	3.	12.25	105.	1.5	857.432	29.282	1.5	3.	5.75	76.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12###	0.02	0.037	0.11	0.02	0.001	0.031	0.02	0.02	0.04	0.104
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12###	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	1.07	1.033	1.45	0.59	0.074	0.271	0.608	0.76	1.188	1.42
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.288	0.7	0.05	0.037	0.193	0.065	0.2	0.375	0.67
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12###	0.05	0.067	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	1.85	2.392	5.	1.4	1.67	1.292	1.4	1.4	3.	4.91
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	210.	191.167	246.	82.	2411.242	49.104	97.6	149.	225.	241.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	800.	1416.667	8000.	50.	4791969.697	2189.057	50.	300.	1575.	6290.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.87	2.769	3.903	1.699	0.424	0.651	1.699	2.477	3.193	3.741
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			586.959								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12	0.01	0.015	0.07	0.005	0.	0.018	0.005	0.005	0.018	0.055

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	11	14.	14.955	23.3	5.5	38.119	6.174	6.14	9.8	22.	23.16
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	295.	281.818	370.	190.	3066.364	55.375	192.	250.	315.	364.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	11	11.2	10.582	12.8	8.2	3.572	1.89	8.2	8.2	12.3	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.35	1.508	3.4	0.5	0.664	0.815	0.5	1.	1.975	3.07
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	8.	7.083	12.	2.5	7.674	2.77	2.5	5.25	8.	11.4
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.2	8.219	8.8	7.78	0.09	0.3	7.804	8.	8.42	8.74
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	11	8.2	8.134	8.8	7.78	0.098	0.313	7.804	8.	8.42	8.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	11	0.006	0.007	0.017	0.002	0.	0.005	0.002	0.004	0.01	0.016
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	4.5	6.125	22.	1.5	31.597	5.621	1.5	2.125	7.	18.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	1.5	1.75	3.	1.	0.659	0.812	1.	1.	2.75	3.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	3.	4.792	19.	1.5	23.112	4.807	1.5	1.875	5.75	15.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12###	0.02	0.034	0.07	0.02	0.	0.019	0.02	0.02	0.05	0.067
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.015	0.04	0.005	0.	0.011	0.005	0.01	0.025	0.037
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	1.145	1.084	1.4	0.02	0.124	0.352	0.311	1.083	1.245	1.37
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.217	0.4	0.1	0.007	0.083	0.1	0.2	0.275	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12###	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	12	2.15	2.092	2.9	1.	0.394	0.627	1.12	1.45	2.725	2.87
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	211.	206.583	224.	155.	369.356	19.219	165.5	201.	221.25	224.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	650.	1825.	8000.	100.	7074772.727	2659.844	130.	400.	1475.	7640.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.812	2.911	3.903	2.	0.32	0.566	2.09	2.602	3.169	3.882
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			815.08								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12	0.02	0.015	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.027

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

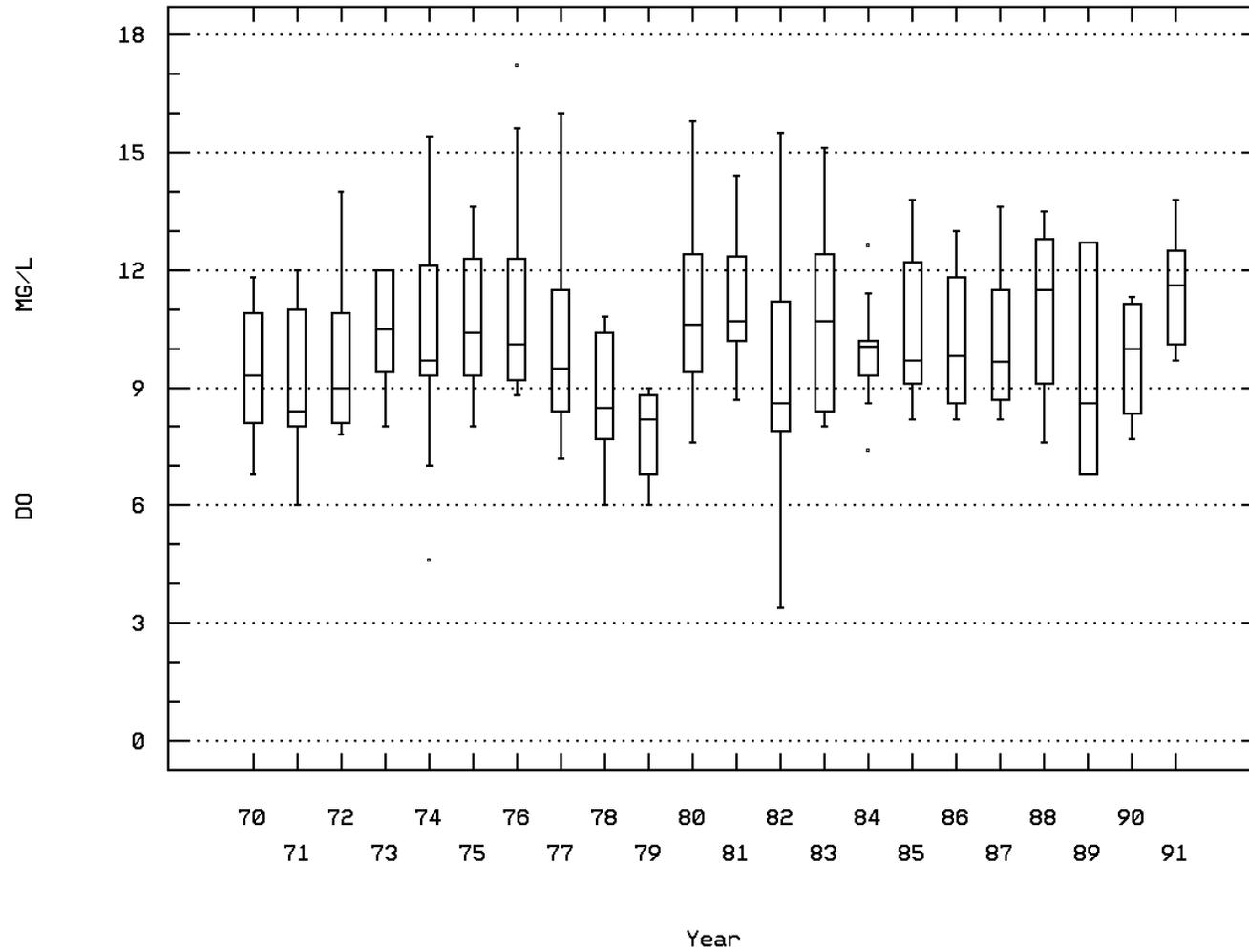
Annual Analysis for 1995 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	9	15.2	15.078	22.6	3.4	37.822	6.15	3.4	10.85	20.8	22.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	295.	303.889	450.	205.	8792.361	93.768	205.	215.	397.5	450.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	9	9.	9.944	14.7	7.9	4.793	2.189	7.9	8.4	11.35	14.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	8	1.4	1.525	3.1	0.5	1.034	1.017	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	8	7.5	8.625	14.	5.	9.411	3.068	**	**	**	**
00400p	PH (STANDARD UNITS)	03/16/70-09/25/95	9	7.92	8.026	8.5	7.74	0.069	0.263	7.74	7.795	8.265	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	9	7.92	7.964	8.5	7.74	0.073	0.271	7.74	7.795	8.265	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	9	0.012	0.011	0.018	0.003	0.	0.005	0.003	0.005	0.016	0.018
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	8	5.	31.5	143.	3.	2628.286	51.267	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	8 ##	1.5	4.188	14.	1.5	22.424	4.735	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	8	4.	27.688	129.	1.5	2146.21	46.327	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	8 ##	0.03	0.085	0.34	0.02	0.013	0.114	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	8	0.01	0.021	0.07	0.005	0.001	0.023	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	8	1.175	1.146	1.49	0.73	0.061	0.247	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	8	0.2	0.381	1.1	0.05	0.151	0.389	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	8	0.1	0.206	0.9	0.05	0.082	0.287	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	8	3.1	3.175	5.8	1.5	2.311	1.52	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	8	208.	196.	228.	124.	1360.286	36.882	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	1400.	2261.111	8000.	50.	8054861.111	2838.109	50.	150.	4400.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	3.146	2.883	3.903	1.699	0.627	0.792	1.699	2.151	3.624	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			764.357								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	8	0.03	0.051	0.14	0.01	0.002	0.045	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0111 Parameter Code: 00300

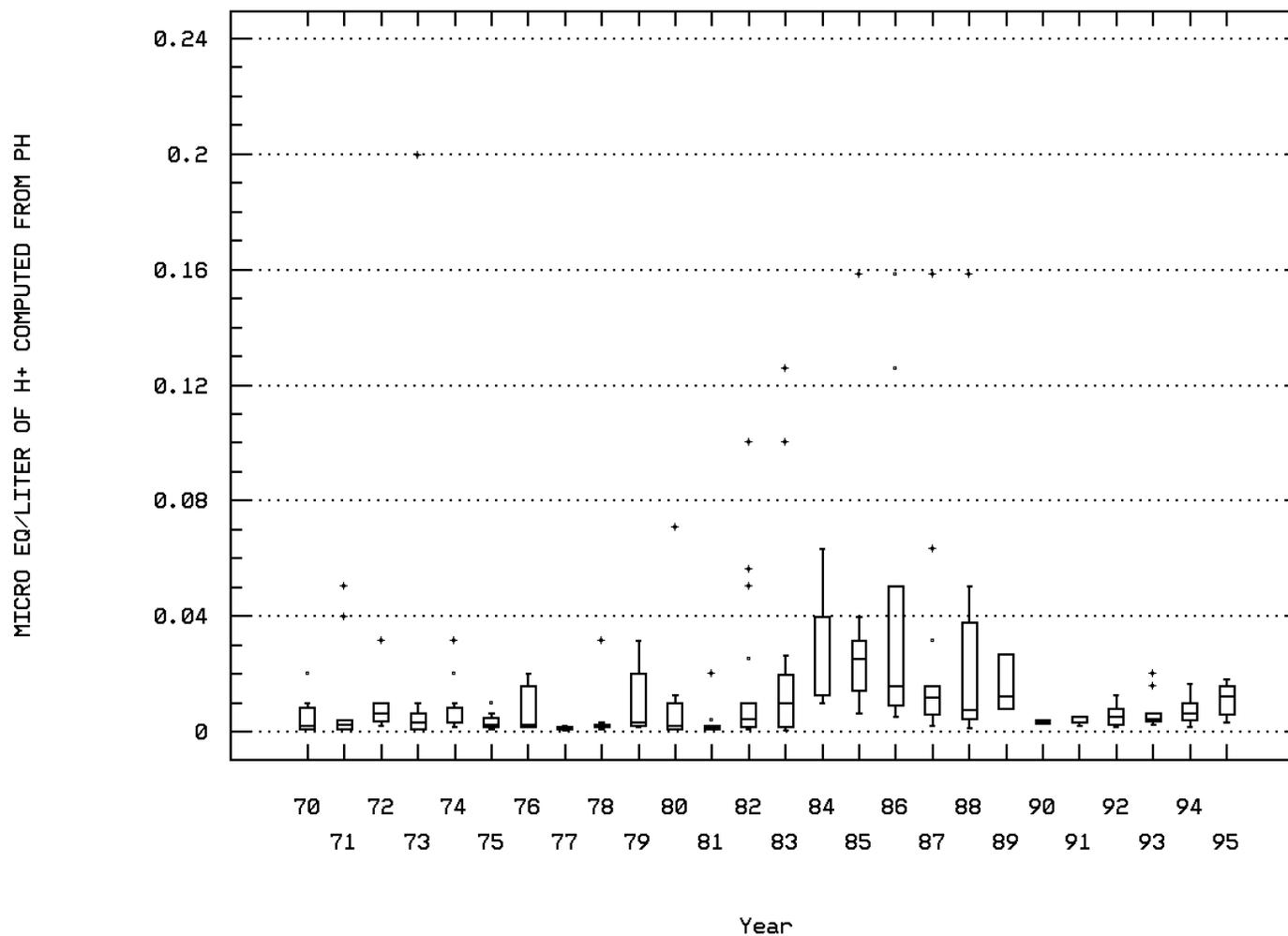
OXYGEN, DISSOLVED



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00400

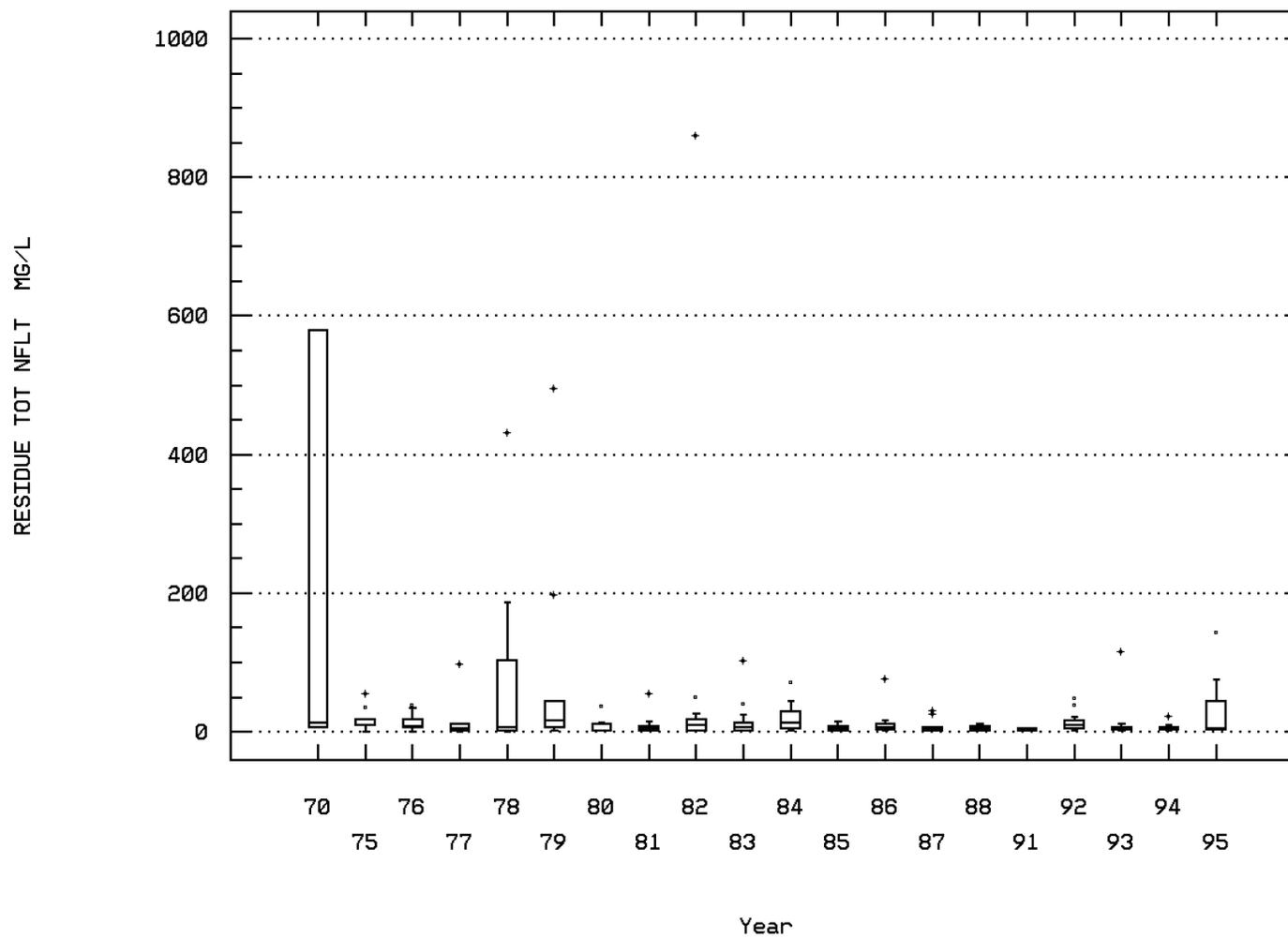
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00530

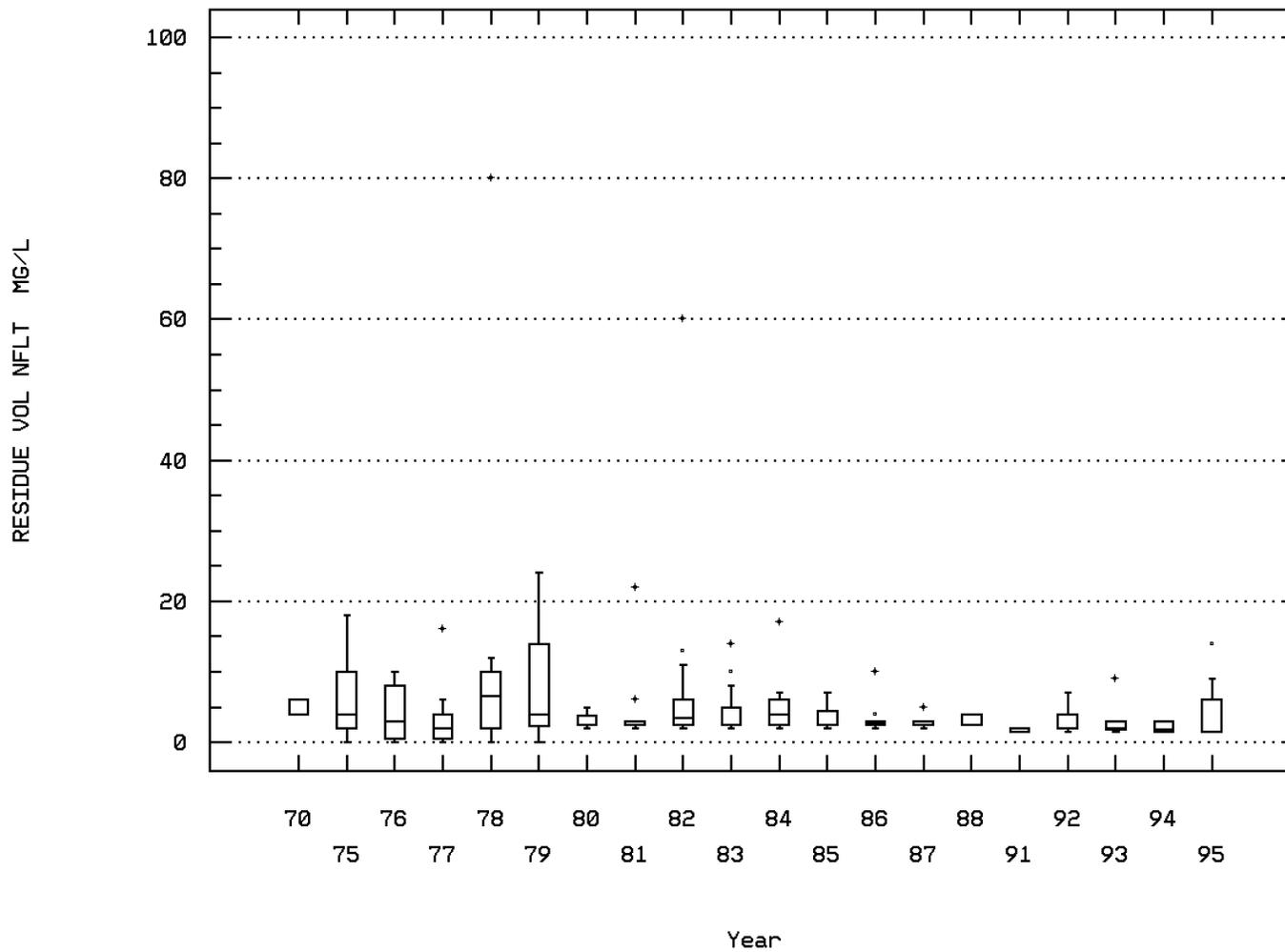
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00535

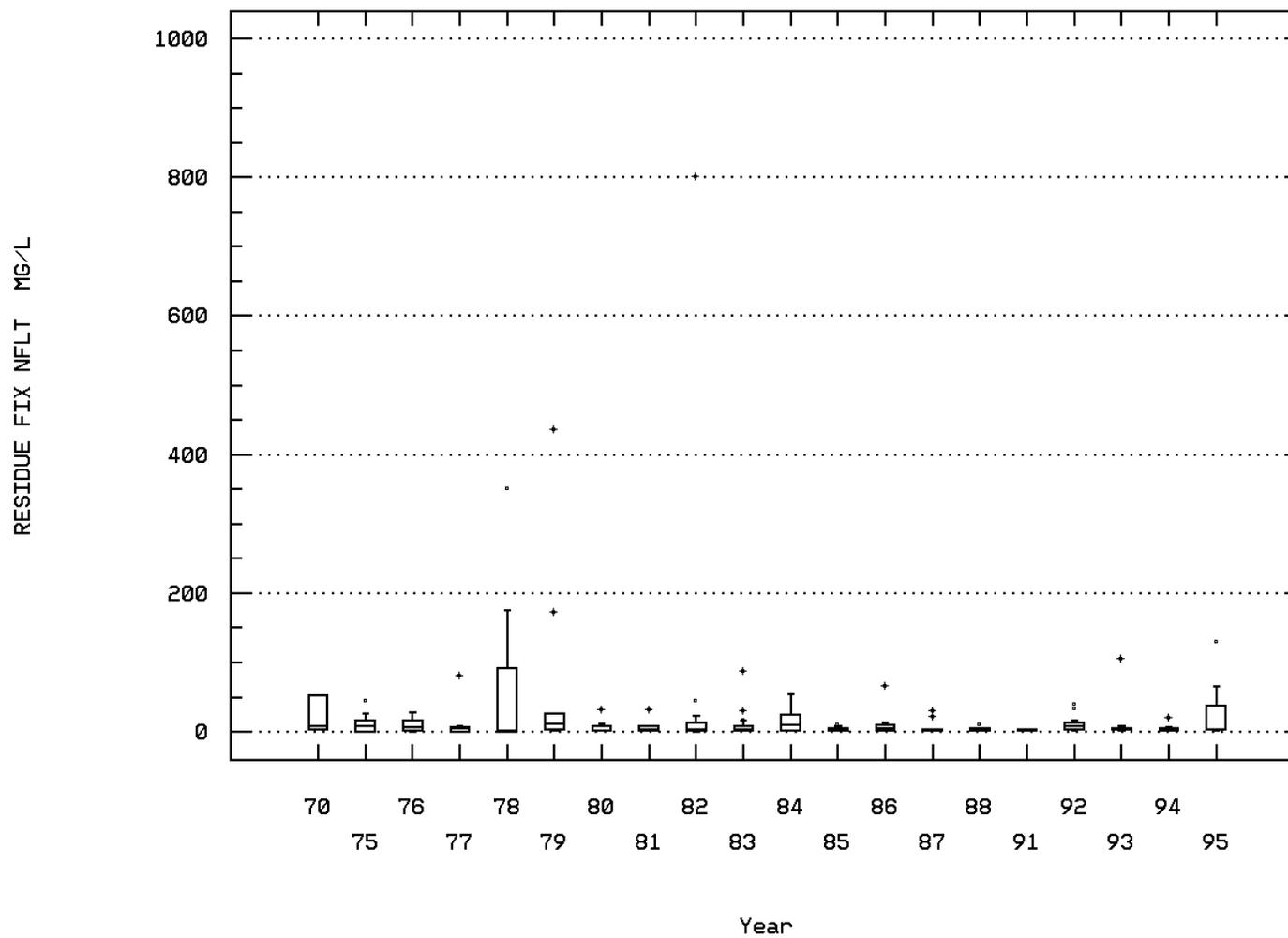
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00540

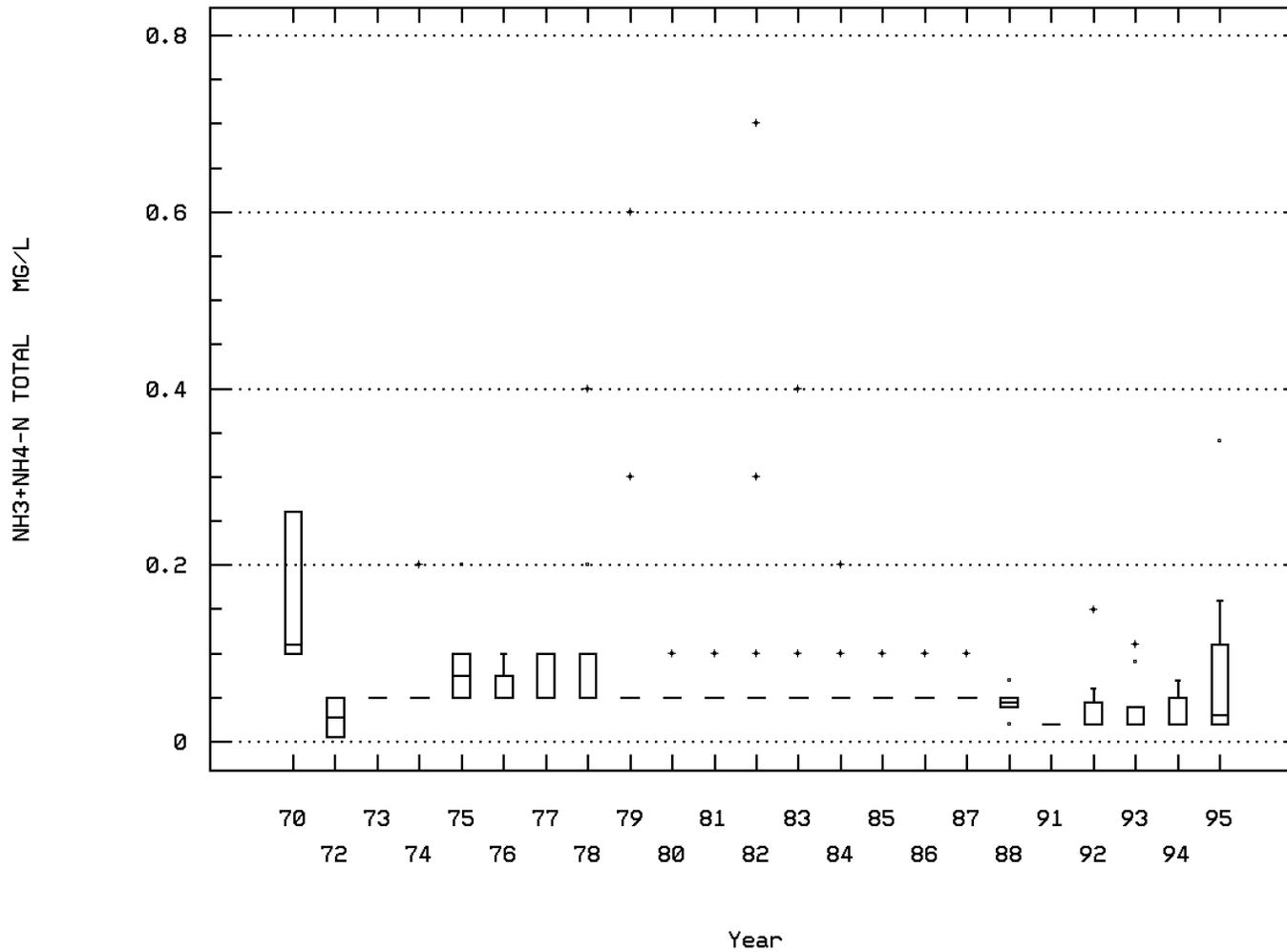
RESIDUE, FIXED NONFILTRABLE (MG/L)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00610

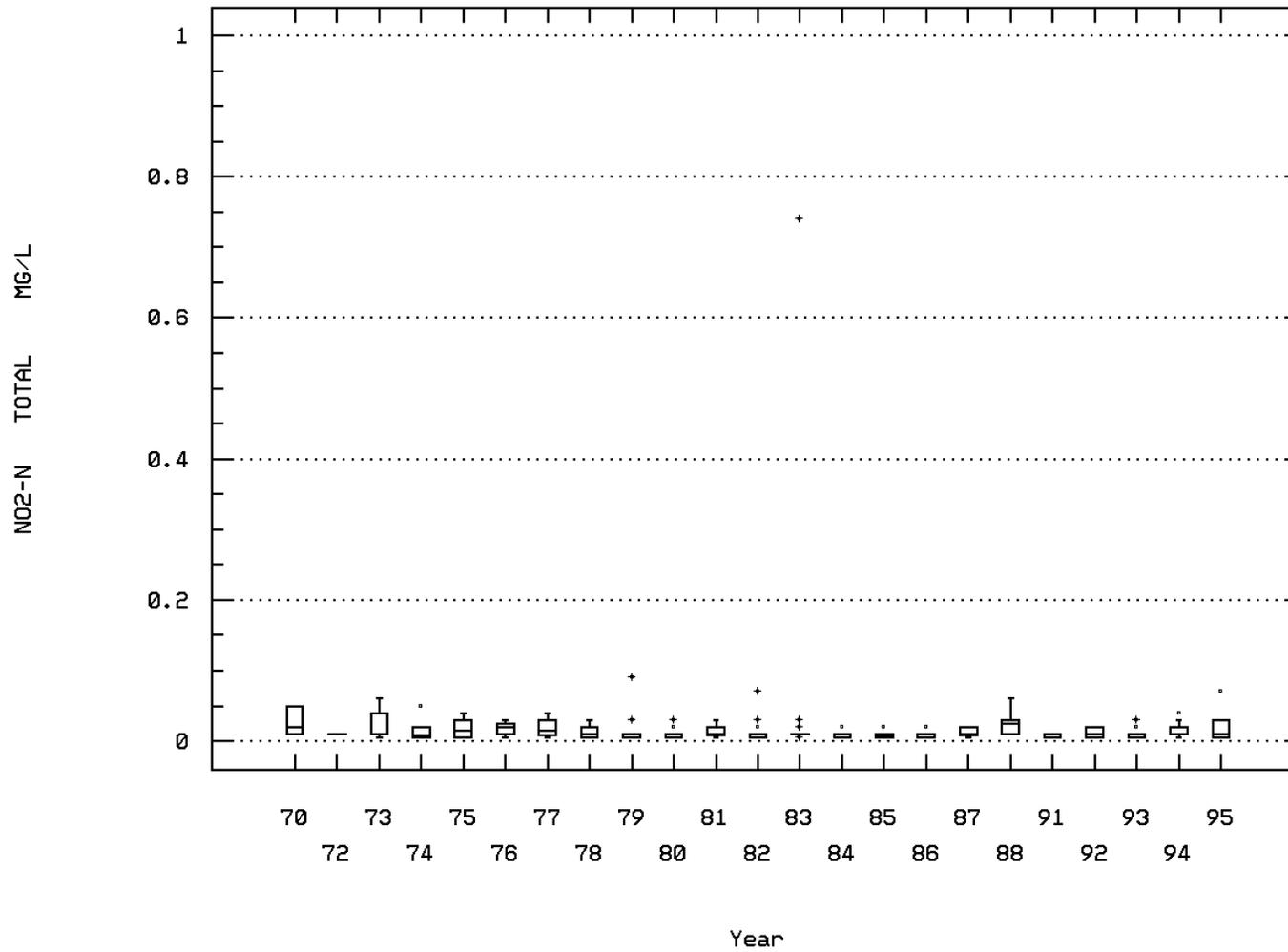
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00615

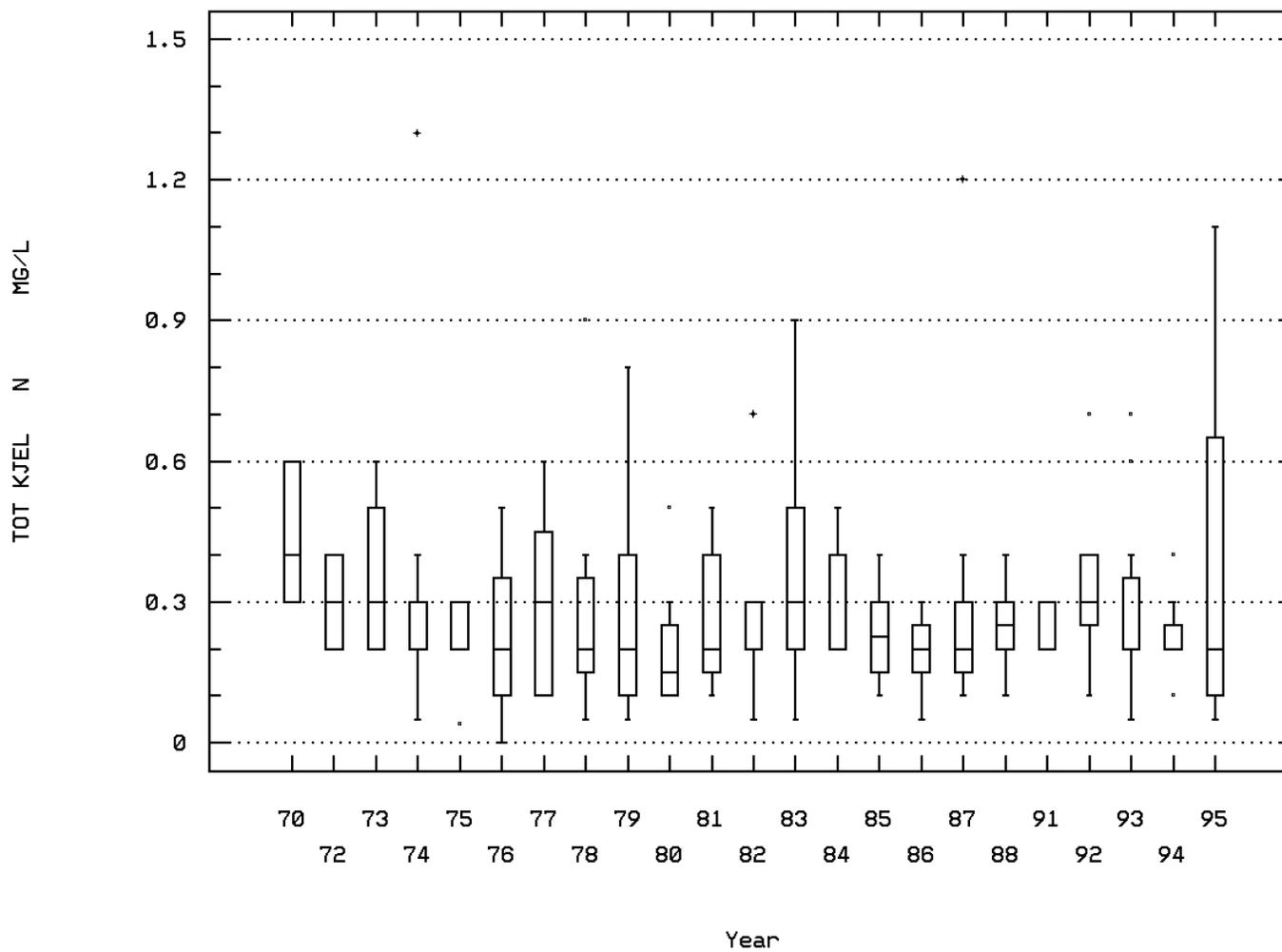
NITRITE NITROGEN, TOTAL (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 00625

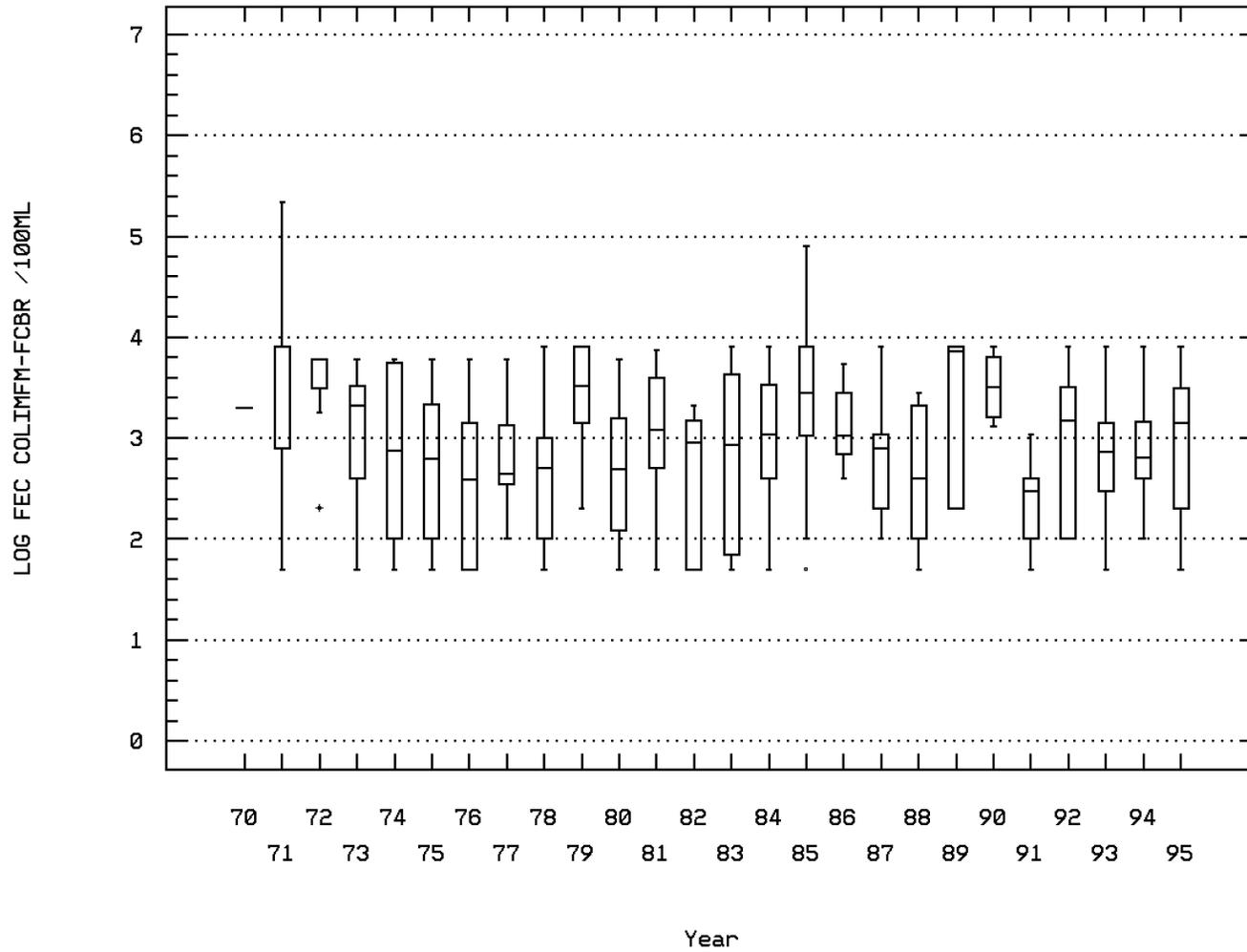
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Station: BLRI0111 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



RT. 24 BRIDGE ABOVE TOWN OF VINTON

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	73	20.	19.049	26.7	1.6	24.328	4.932	14.4	18.25	21.8	22.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	43	360.	350.395	450.	140.	3996.721	63.22	284.	325.	390.	420.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-09/25/95	14	440.	430.071	488.	356.	1391.918	37.308	361.5	412.5	447.	486.5
00300	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	61	8.4	8.644	15.4	6.	1.792	1.339	7.24	8.	9.25	10.18
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	50	1.	1.504	4.	0.5	0.752	0.867	0.5	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	43	6.	7.523	31.	0.5	47.535	6.895	0.7	2.5	10.	18.2
00400	PH (STANDARD UNITS)	03/16/70-09/25/95	73	8.24	8.244	9.5	6.8	0.29	0.539	7.528	7.91	8.7	8.92
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	73	8.24	7.876	9.5	6.8	0.428	0.654	7.528	7.91	8.7	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	73	0.006	0.013	0.158	0.	0.001	0.025	0.001	0.002	0.012	0.03
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	17	8.	7.953	8.4	7.3	0.121	0.348	7.3	7.8	8.25	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	17	8.	7.803	8.4	7.3	0.145	0.381	7.3	7.8	8.25	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	17	0.01	0.016	0.05	0.004	0.	0.015	0.005	0.006	0.016	0.05
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	17	175.	171.235	193.	118.	378.441	19.454	129.2	166.5	184.	187.4
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	20	283.5	323.85	739.	166.	18223.713	134.995	178.7	264.75	314.75	539.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	20	63.5	76.95	300.	12.	3612.892	60.107	27.7	49.	84.25	138.9
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	20	221.5	257.75	656.	118.	14144.618	118.931	137.9	198.5	273.25	400.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	53	6.	18.972	495.	0.5	4538.177	67.366	2.5	4.	13.5	25.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	53	2.	2.745	13.	0.	5.381	2.32	1.	1.	3.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	53	4.	15.509	435.	0.	3523.937	59.363	2.	2.5	10.5	20.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	59##	0.05	0.06	0.6	0.02	0.006	0.074	0.02	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	60	0.01	0.025	0.74	0.005	0.009	0.095	0.005	0.005	0.01	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	54	1.08	1.069	2.399	0.01	0.117	0.342	0.675	0.962	1.213	1.365
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	60	0.2	0.279	1.2	0.05	0.043	0.207	0.1	0.2	0.3	0.49
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	42##	0.05	0.126	1.4	0.03	0.059	0.243	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	30	0.02	0.026	0.07	0.005	0.	0.019	0.005	0.01	0.04	0.059
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	48	4.	4.565	15.	0.5	8.858	2.976	1.4	2.5	6.225	8.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	23	214.	208.174	236.	138.	436.968	20.904	177.6	202.	220.	228.
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-09/25/95	16	16.	16.688	26.	13.	9.163	3.027	13.7	15.	17.75	21.1
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	13	30.	31.	40.	27.	9.333	3.055	27.8	30.	31.5	37.2
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	10##	0.5	2.	5.	0.5	4.5	2.121	0.5	0.5	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	11	5.	4.636	10.	1.	5.855	2.42	1.2	2.	5.	9.2
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	11	10.	13.182	30.	5.	101.364	10.068	5.	5.	20.	30.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	10	4.5	7.75	30.	0.5	90.736	9.576	0.55	2.5	8.75	29.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	11	20.	19.818	60.	5.	248.364	15.76	5.	5.	23.	54.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	69	1100.	2409.275	8000.	50.	7906171.526	2811.792	50.	300.	3550.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	69	3.041	2.963	3.903	1.699	0.525	0.725	1.699	2.477	3.548	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95			918.274								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	18##	0.05	0.053	0.1	0.05	0.	0.012	0.05	0.05	0.05	0.055
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	28##	0.015	0.021	0.05	0.005	0.	0.018	0.005	0.005	0.038	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	11##	0.15	0.195	0.25	0.15	0.003	0.052	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	134	8.75	8.319	18.3	0.	15.745	3.968	3.	5.075	11.	13.2
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	75	250.	261.613	435.	80.	4574.862	67.638	190.	215.	300.	354.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-09/25/95	25	443.	418.76	504.	191.	5677.607	75.35	291.	398.	473.	485.4
00300	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	112	11.2	10.97	16.	1.	6.056	2.461	8.4	9.5	12.475	13.74
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	96	2.	2.123	6.	0.5	1.39	1.179	1.	1.	3.	4.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	77	7.	10.675	234.	0.5	699.887	26.455	1.	4.	10.	17.
00400	PH (STANDARD UNITS)	03/16/70-09/25/95	134	8.46	8.283	9.2	6.7	0.292	0.54	7.55	7.9	8.7	8.8
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	134	8.458	7.856	9.2	6.7	0.476	0.69	7.55	7.9	8.7	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	134	0.003	0.014	0.2	0.001	0.001	0.031	0.002	0.002	0.013	0.028
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	31	8.2	8.165	8.7	7.6	0.083	0.288	7.72	8.	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	31	8.2	8.072	8.7	7.6	0.092	0.303	7.72	8.	8.4	8.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	31	0.006	0.008	0.025	0.002	0.	0.006	0.003	0.004	0.01	0.019
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	31	178.	169.226	206.	72.	911.447	30.19	116.	161.	188.	199.
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	33	271.	283.273	1122.	122.	24551.267	156.688	196.2	238.	288.	306.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	33	69.	67.591	140.	2.5	527.648	22.971	45.4	54.	78.5	93.4
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	33	198.	215.758	982.	53.	20284.377	142.423	149.8	184.5	219.	226.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	103	5.	32.223	860.	0.	12303.974	110.923	1.5	2.5	14.	48.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	102	2.5	5.137	80.	0.	104.387	10.217	1.	2.	4.	9.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	103	3.	22.869	800.	0.	7701.98	87.761	1.2	2.5	9.	39.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	114##	0.05	0.073	0.7	0.005	0.008	0.087	0.02	0.05	0.05	0.105
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	114	0.01	0.012	0.07	0.005	0.	0.01	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	97	1.05	1.05	2.2	0.02	0.091	0.301	0.724	0.885	1.245	1.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	113	0.2	0.255	1.1	0.	0.029	0.171	0.1	0.1	0.3	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	76##	0.05	0.071	0.3	0.02	0.002	0.046	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	58	0.02	0.032	0.1	0.005	0.001	0.026	0.005	0.01	0.05	0.071
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	93	4.	5.282	23.	0.5	17.997	4.242	1.	2.4	7.	10.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	39	210.	202.641	262.	82.	1192.552	34.533	155.	188.	223.	238.
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-09/25/95	30	15.	15.833	33.	6.	36.489	6.041	8.2	12.	18.25	22.8
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	24	30.5	28.833	37.	13.	41.362	6.431	16.	25.25	33.	35.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	19##	2.	2.868	5.	0.5	4.496	2.12	0.5	0.5	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	25##	5.	9.	30.	1.	72.083	8.49	3.	5.	10.	25.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	25##	5.	10.88	30.	5.	66.027	8.126	5.	5.	16.	25.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	25	5.	10.08	50.	1.	133.66	11.561	2.	4.5	10.5	29.4
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	25	10.	22.6	130.	5.	791.917	28.141	5.	5.	25.	64.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	119	800.	3839.076	220000.	50.	405556362.698	20138.43	50.	200.	2700.	6800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	119	2.903	2.886	5.342	1.699	0.545	0.738	1.699	2.301	3.431	3.833
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				769.01								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	37##	0.05	0.072	0.3	0.05	0.003	0.051	0.05	0.05	0.075	0.11
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	55	0.02	0.031	0.17	0.005	0.001	0.033	0.005	0.005	0.05	0.074
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	25##	0.25	0.248	0.7	0.15	0.018	0.133	0.15	0.15	0.25	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/70-09/25/95	75	17.2	16.943	25.6	1.2	20.03	4.475	12.66	14.	20.	21.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	40	309.5	301.125	476.	25.	7273.189	85.283	220.	251.25	353.75	400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-09/25/95	13	407.	362.	501.	38.	16128.833	126.999	97.2	318.5	436.	482.2
00300	OXYGEN, DISSOLVED MG/L	03/16/70-11/05/91	62	9.6	9.656	17.2	4.6	4.006	2.001	6.92	8.2	10.8	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	53	1.5	1.898	6.	0.5	1.456	1.207	1.	1.	2.85	3.06
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	41	5.	6.183	16.	0.5	15.184	3.897	2.1	3.	8.	12.8
00400	PH (STANDARD UNITS)	03/16/70-09/25/95	75	8.2	8.264	9.5	6.9	0.343	0.585	7.4	7.8	8.8	9.
00400	CONVERTED PH (STANDARD UNITS)	03/16/70-09/25/95	75	8.2	7.882	9.5	6.9	0.491	0.701	7.4	7.8	8.8	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	75	0.006	0.013	0.126	0.	0.	0.021	0.001	0.002	0.016	0.04
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	19	8.2	8.168	8.8	7.7	0.092	0.304	7.8	7.9	8.4	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	19	8.2	8.076	8.8	7.7	0.101	0.318	7.8	7.9	8.4	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	19	0.006	0.008	0.02	0.002	0.	0.005	0.003	0.004	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	16	172.	163.063	191.	94.	658.996	25.671	122.	147.75	184.25	188.2
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	17	274.	284.706	574.	224.	6285.971	79.284	225.6	241.	293.5	366.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	17	65.	68.824	168.	17.	990.154	31.467	35.4	53.5	73.5	114.4
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	17	205.	215.882	406.	175.	2890.86	53.767	175.8	184.	221.5	282.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	59	9.	18.966	186.	0.5	1051.766	32.431	2.5	4.	15.	40.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	59	3.	4.568	18.	0.5	14.961	3.868	1.	2.	6.	10.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	59	5.	14.856	176.	0.	896.061	29.934	1.5	2.5	10.	30.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	65##	0.05	0.067	0.4	0.02	0.003	0.056	0.02	0.05	0.085	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	66	0.01	0.019	0.07	0.005	0.	0.014	0.01	0.01	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	57	1.079	1.059	2.	0.09	0.127	0.357	0.58	0.795	1.3	1.565

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	64	0.3	0.339	1.299	0.1	0.05	0.224	0.2	0.2	0.4	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	40	0.075	0.089	0.3	0.01	0.004	0.061	0.05	0.05	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	33	0.02	0.038	0.13	0.005	0.001	0.035	0.005	0.01	0.065	0.096
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/75-09/25/95	51	5.	4.837	12.	0.5	8.792	2.965	1.24	2.1	7.	9.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	22	198.	175.05	224.	0.1	3283.617	57.303	85.8	143.	216.	220.8
00940	CHLORIDE, TOTAL IN WATER MG/L	07/27/82-09/25/95	15	13.	13.467	22.	4.	19.552	4.422	7.6	11.	17.	19.6
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	13	27.	26.154	32.	18.	15.641	3.955	19.2	24.	28.5	32.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	14 ##	5.	3.857	10.	0.5	7.44	2.728	0.5	0.5	5.	7.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	17 ##	5.	9.559	50.	0.5	187.434	13.691	0.9	5.	7.5	42.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	16 ##	5.	26.563	270.	5.	4315.729	65.694	5.	5.	10.	109.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	15	6.	14.933	106.	0.5	700.745	26.472	0.5	4.	20.	59.8
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	17	20.	29.412	240.	5.	3015.257	54.911	5.	10.	25.	72.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	67	1200.	4829.851	80000.	50.	183935913.614	13562.298	100.	400.	5700.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	67	3.079	3.07	4.903	1.699	0.554	0.745	2.	2.602	3.756	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1175.557								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	24 ##	0.05	0.088	0.6	0.05	0.013	0.114	0.05	0.05	0.088	0.15
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	33 ##	0.02	0.03	0.14	0.005	0.001	0.032	0.005	0.005	0.05	0.068
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	16 ##	0.15	0.184	0.25	0.	0.005	0.07	0.105	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0112

NPS Station ID: BLRI0112
 Location: 14TH. ST. BRIDGE ABOVE ROANOKE STP
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 0301010128900.16

LAT/LON: 37.264448/ -79.915282

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.31

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4AROA202.20
 Within Park Boundary: No

Date Created: 10/10/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 13.40
 Distance from RF3: 0.21

On/Off RF1:
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ROANOKE RIVER SECTION: 06 TOPO MAP #: 0026 TOPO MAP NAME: ROANOKE, VA

Parameter Inventory for Station: BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	300	13.4	13.941	29.1	0.	60.201	7.759	3.3	7.55	21.	24.4
00060	FLOW, STREAM, MEAN DAILY CFS	133	180.	433.872	4980.	42.	415777.946	644.808	71.2	109.	512.	979.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	42	5.9	40.862	575.	0.5	11390.023	106.724	1.83	2.6	14.9	150.6
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	14	5.3	18.	95.	1.4	924.094	30.399	1.4	2.3	15.15	88.5
00080	COLOR (PLATINUM-COBALT UNITS)	21	18.	22.762	65.	8.	227.59	15.086	8.4	12.	27.5	52.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	175	240.	248.234	410.	70.	6404.272	80.027	150.	180.	320.	363.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	72	317.5	313.639	449.	1.	6437.896	80.236	207.7	276.25	374.5	399.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	44	9.85	9.87	13.8	6.3	5.227	2.286	6.7	7.7	11.9	12.95
00300	OXYGEN, DISSOLVED MG/L	253	10.	10.011	18.	1.	5.558	2.357	7.08	8.6	11.8	13.12
00310p	BOD, 5 DAY, 20 DEG C MG/L	185	1.	1.512	5.4	0.5	0.637	0.798	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	179	6.	7.397	52.	0.5	32.684	5.717	2.	4.	10.	13.
00400p	PH (STANDARD UNITS)	299	8.4	8.318	10.	6.7	0.336	0.58	7.5	7.99	8.8	9.
00400p	CONVERTED PH (STANDARD UNITS)	299	8.4	7.874	10.	6.7	0.534	0.731	7.5	7.99	8.8	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	299	0.004	0.013	0.2	0.	0.001	0.03	0.001	0.002	0.01	0.032
00403	PH, LAB, STANDARD UNITS SU	97	8.1	8.065	8.8	7.1	0.093	0.306	7.6	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	97	8.1	7.944	8.8	7.1	0.108	0.329	7.6	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	97	0.008	0.011	0.079	0.002	0.	0.011	0.004	0.005	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	95	135.	131.674	188.	16.	1071.626	32.736	85.	114.	158.	168.4
00500	RESIDUE, TOTAL (MG/L)	86	210.	217.256	730.	16.	6661.863	81.62	146.	178.	240.	278.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	85	53.	54.788	200.	5.	565.621	23.783	28.8	42.5	64.	73.8
00510	RESIDUE, TOTAL FIXED (MG/L)	85	160.	163.941	633.	11.	5137.008	71.673	108.	131.5	179.	212.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	187	5.	19.826	744.	0.5	3997.998	63.23	2.5	2.5	15.	36.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	187	2.5	4.027	64.	0.	43.76	6.615	1.	2.	3.	7.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	187	4.	16.497	680.	0.	3238.741	56.91	1.5	2.5	12.	30.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	260 ##	0.05	0.053	0.4	0.005	0.002	0.046	0.02	0.03	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	261 ##	0.005	0.01	0.29	0.005	0.	0.021	0.005	0.005	0.01	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	230	0.44	0.432	1.299	0.01	0.052	0.227	0.12	0.26	0.573	0.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	261	0.2	0.268	2.5	0.05	0.052	0.227	0.1	0.2	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	33	0.46	1.59	33.	0.025	32.823	5.729	0.076	0.21	0.6	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	180 ##	0.05	0.077	0.8	0.05	0.008	0.087	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	143	0.01	0.018	0.12	0.	0.017	0.005	0.005	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	175	3.	3.921	20.	0.5	8.534	2.921	1.4	5.	7.7
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	104	162.	157.163	226.	26.	1369.4	37.005	105.	132.	184.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	77	9.	18.566	765.	0.6	7440.304	86.257	5.	6.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	75	21.	22.333	54.	2.	62.847	7.928	13.6	17.	27.
00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/87-04/21/93	45	0.14	0.144	0.28	0.025	0.004	0.065	0.05	0.105	0.19
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/02/89-01/28/93	39	7.1	8.397	53.1	3.2	56.956	7.547	4.8	5.9	8.8
01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	27 ##	1.5	2.407	10.	0.5	6.751	2.598	0.5	0.5	2.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/12/76-04/10/95	8	6.45	6.198	8.18	2.5	4.174	2.043	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/08/84-07/28/92	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	31 ##	5.	5.016	25.	0.5	27.141	5.21	0.5	1.5	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/12/76-04/10/95	7 ##	0.5	0.792	2.5	0.075	0.88	0.938	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/12/76-04/10/95	8	21.35	19.718	26.69	10.3	28.519	5.34	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	41 ##	5.	6.963	30.	0.5	34.267	5.854	1.3	5.	7.5
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	41 ##	5.	9.329	80.	2.5	162.195	12.736	5.	5.	7.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/12/76-04/10/95	8	14.5	17.741	31.	9.3	78.731	8.873	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/01/70-07/28/92	11	160.	285.364	859.	80.	70732.455	265.956	84.	100.	410.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	39	5.	11.064	100.	0.5	265.397	16.291	1.	4.	14.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/76-04/10/95	8	44.5	56.735	137.	14.	1802.002	42.45	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/16/70-07/28/92	11	40.	55.827	159.9	10.	2633.012	51.313	12.	20.	60.
01059	THALLIUM, TOTAL (UG/L AS TL)	05/08/84-07/28/92	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/03/73-06/08/79	16 ##	50.	46.875	90.	5.	366.25	19.138	5.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	04/17/81-07/28/92	13 ##	5.	6.346	10.	2.5	6.891	2.625	3.5	5.	10.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	01/28/80-04/10/95	7	12.9	13.34	20.	9.98	14.489	3.806	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	40	10.	25.35	340.	5.	2930.644	54.135	5.	6.25	20.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/28/80-04/10/95	7	79.	89.506	199.	44.	2539.521	50.394	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/82-07/28/92	4 ##	5.25	5.25	10.	0.5	30.083	5.485	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/25/92-04/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	08/21/67-11/01/70	8	11000.	10053.75	23000.	930.	46927398.214	6850.358	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	08/21/67-11/01/70	8	4.041	3.839	4.362	2.968	0.239	0.489	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	08/21/67-11/01/70	8	4.041	3.839	4.362	2.968	0.239	0.489	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	280	200.	1406.625	80000.	50.	26633239.196	5160.74	50.	50.	1000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	280	2.301	2.473	4.903	1.699	0.511	0.715	1.699	1.699	3.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	280	2.301	2.473	4.903	1.699	0.511	0.715	1.699	1.699	3.
32240	TANNIN AND LIGNIN (MG/L)	09/29/92-02/24/93	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34671	PCB - 1016 TOTWUG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
38442	DICAMBA (BANVEL) WATER, DISSUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
38451	DICHLORPROP WATER, SUSPUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
38745	2,4-DB WATER, TOTUG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/17/84-04/10/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39062	CHLORDANE-CIS ISOMER, WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39065	CHLORDANE-TRNS ISOMER, WHOLE WATER SAMPL (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39068	CHLORDANE-NONACHLOR, CIS ISO, WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39071	CHLORDANE-NONACHLOR, TPANS ISO, WHOLE WTR (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	5	0.	0.03	0.1	0.	0.002	0.045	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/18/81-04/10/95	2	0.	0.	0.	0.	0.	0.	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**
39351	CHLORDANE(TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	09/17/84-04/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/09/71-06/09/71	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/28/80-10/22/84	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/17/84-04/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/17/84-04/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/84-10/22/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	09/17/84-04/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	09/19/83-09/19/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/18/81-11/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	01/28/80-04/01/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	07/28/92-07/28/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	80 ##	0.05	0.075	1.1	0.025	0.015	0.122	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	119 ##	0.01	0.025	0.22	0.005	0.001	0.031	0.005	0.005	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	40 ##	0.25	0.314	4.	0.15	0.36	0.6	0.15	0.15	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/18/81-04/10/95	6 ##	0.05	0.062	0.15	0.025	0.002	0.044	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	10/22/84-10/22/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	07/28/92-07/28/92	1	43740.	43740.	43740.	43740.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/28/92-06/23/94	24	3.5	18.708	290.	0.3	3431.744	58.581	0.9	2.025	8.85	33.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0112

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	42	5	0.12	11	2	0.18	18	1	0.06	13	2	0.15			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	14	2	0.14	5	0	0.00	6	0	0.00	3	2	0.67			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	44	0	0.00	12	0	0.00	20	0	0.00	12	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	253	3	0.01	65	0	0.00	117	3	0.03	71	0	0.00			
00400	PH	Other-Hi Lim.	9.	299	34	0.11	77	12	0.16	140	13	0.09	82	9	0.11			
		Other-Lo Lim.	6.5	299	0	0.00	77	0	0.00	140	0	0.00	82	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	97	0	0.00	27	0	0.00	43	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	97	0	0.00	27	0	0.00	43	0	0.00	27	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	261	0	0.00	67	0	0.00	122	0	0.00	72	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	230	0	0.00	62	0	0.00	106	0	0.00	62	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	1	0.03	6	0	0.00	17	1	0.06	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	77	0	0.00	19	0	0.00	36	0	0.00	22	0	0.00			
		Drinking Water	250.	77	1	0.01	19	0	0.00	36	1	0.03	22	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	75	0	0.00	18	0	0.00	36	0	0.00	21	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	45	0	0.00	11	0	0.00	22	0	0.00	12	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	27	0	0.00	9	0	0.00	7	0	0.00	11	0	0.00			
		Drinking Water	50.	27	0	0.00	9	0	0.00	7	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

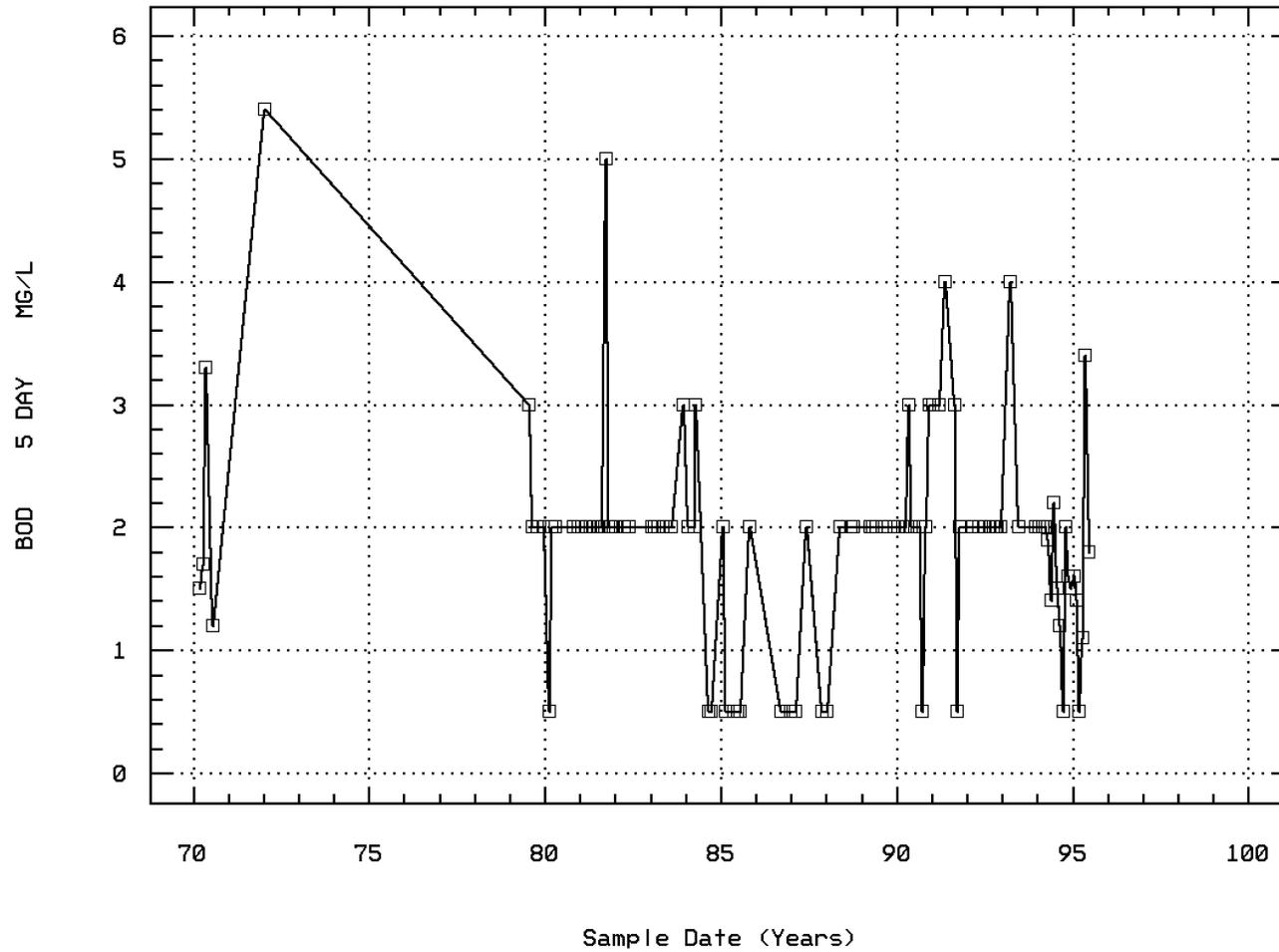
EPA Water Quality Criteria Analysis for Station: BLRI0112

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	4.	1 &	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	13 &	3	0.23	7	1	0.14	2	1	0.50	4	1	0.25			
	Drinking Water	5.	13 &	3	0.23	7	1	0.14	2	1	0.50	4	1	0.25			
01034 CHROMIUM, TOTAL	Drinking Water	100.	41	0	0.00	11	0	0.00	15	0	0.00	15	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	41	6	0.15	11	2	0.18	15	2	0.13	15	2	0.13			
	Drinking Water	1300.	41	0	0.00	11	0	0.00	15	0	0.00	15	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	39	1	0.03	11	0	0.00	15	1	0.07	13	0	0.00			
	Drinking Water	15.	39	9	0.23	11	2	0.18	15	5	0.33	13	2	0.15			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	2.	1 &	0	0.00							1	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	16	0	0.00	1	0	0.00	9	0	0.00	6	0	0.00			
	Drinking Water	100.	16	0	0.00	1	0	0.00	9	0	0.00	6	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	7	0	0.00	1	0	0.00	5	0	0.00			
	Drinking Water	100.	13	0	0.00	7	0	0.00	1	0	0.00	5	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	40	1	0.03	11	0	0.00	15	1	0.07	14	0	0.00			
	Drinking Water	5000.	40	0	0.00	11	0	0.00	15	0	0.00	14	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
31505 COLIFORM, TOTAL, MPN. CONF. TEST, 35C	Other-Hi Lim.	1000.	8	7	0.88	4	4	1.00	1	1	1.00	3	2	0.67			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	280	158	0.56	72	47	0.65	132	67	0.51	76	44	0.58			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
	Drinking Water	3.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	39 &	0	0.00	11	0	0.00	14	0	0.00	14	0	0.00			
	Drinking Water	2.	39 &	0	0.00	11	0	0.00	14	0	0.00	14	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	24	1	0.04	6	0	0.00	12	1	0.08	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: BLRI0112 Parameter Code: 00310

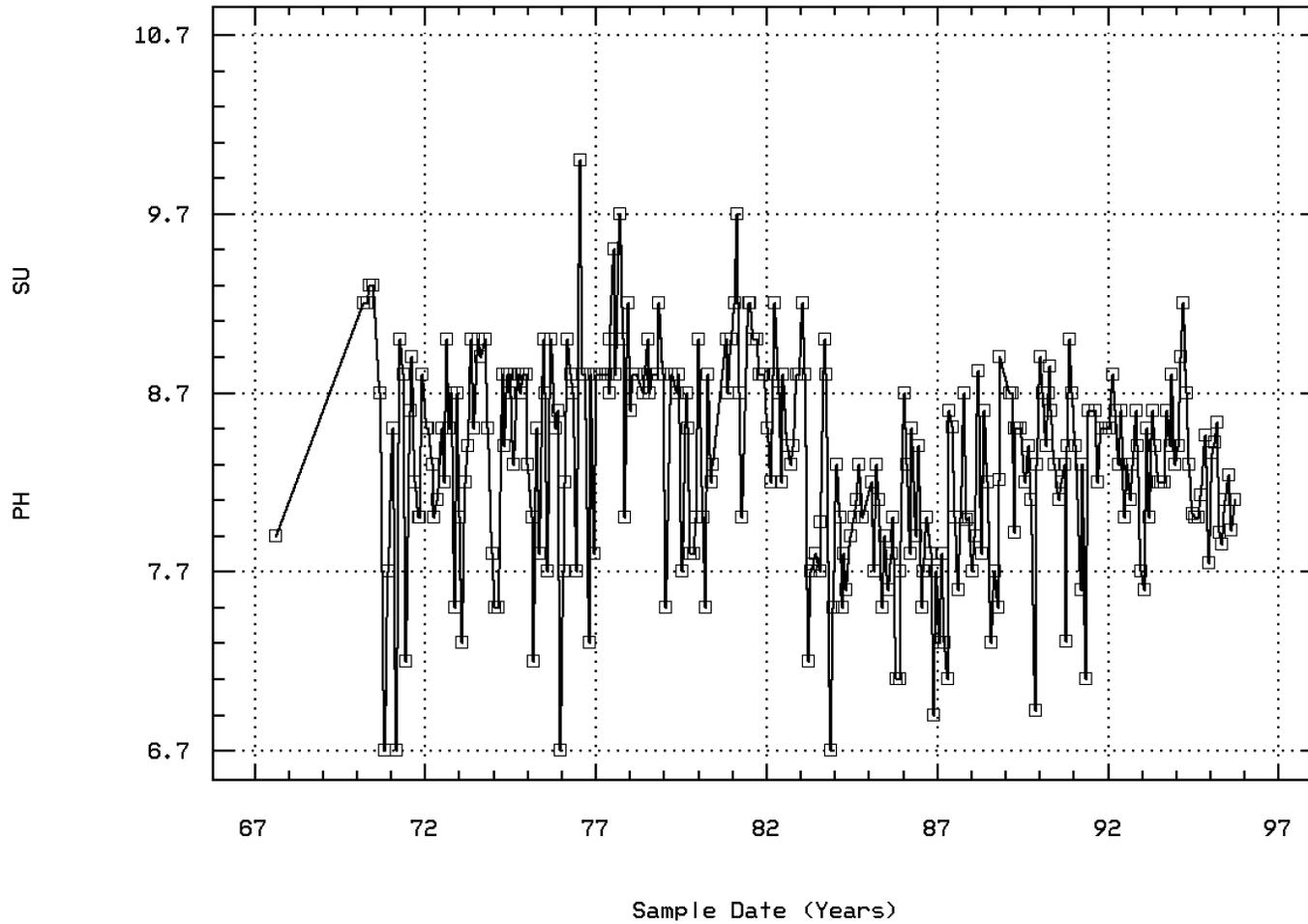
BOD, 5 DAY, 20 DEG C



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00400

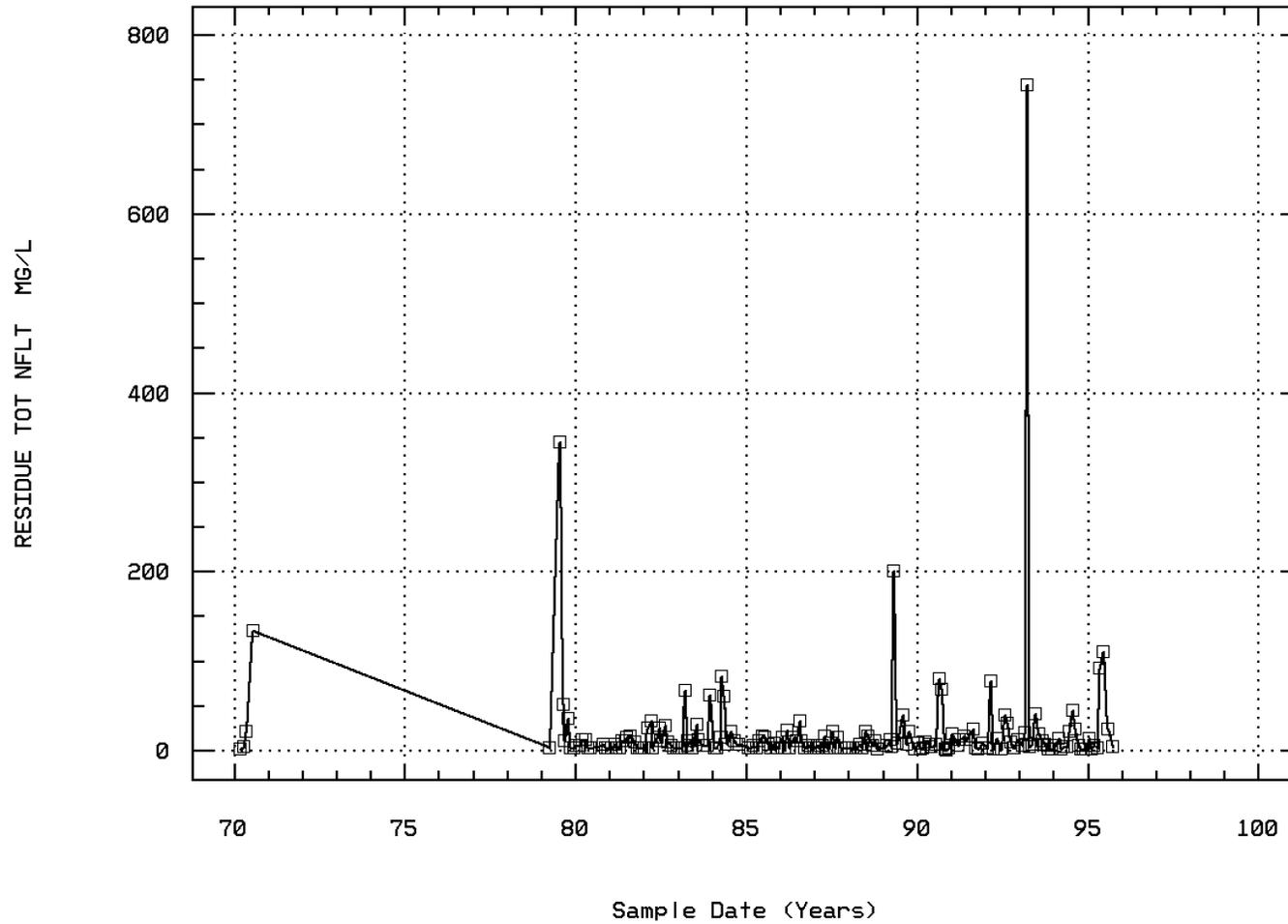
PH (STANDARD UNITS)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00530

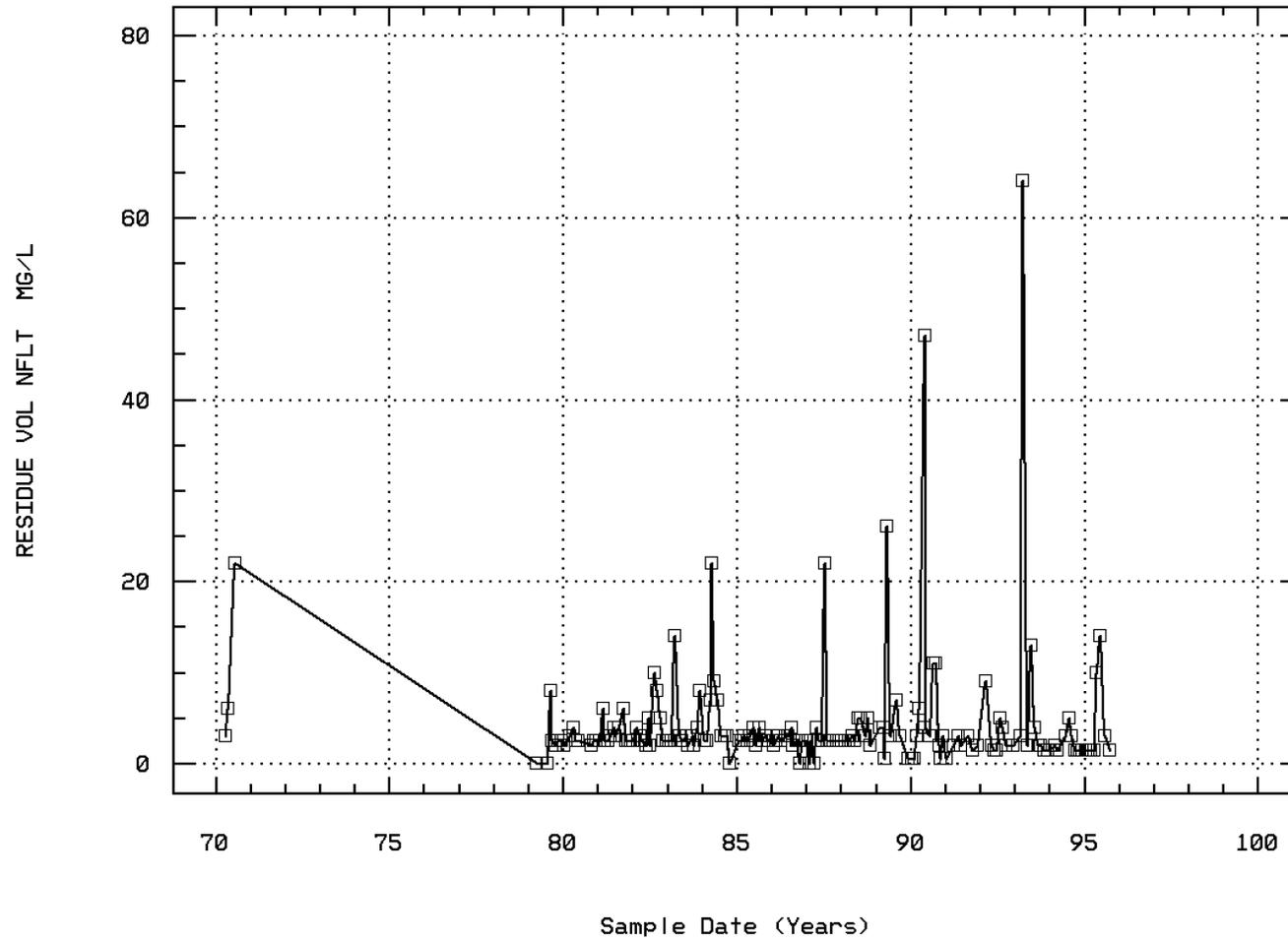
RESIDUE, TOTAL NONFILTRABLE (MG/L)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00535

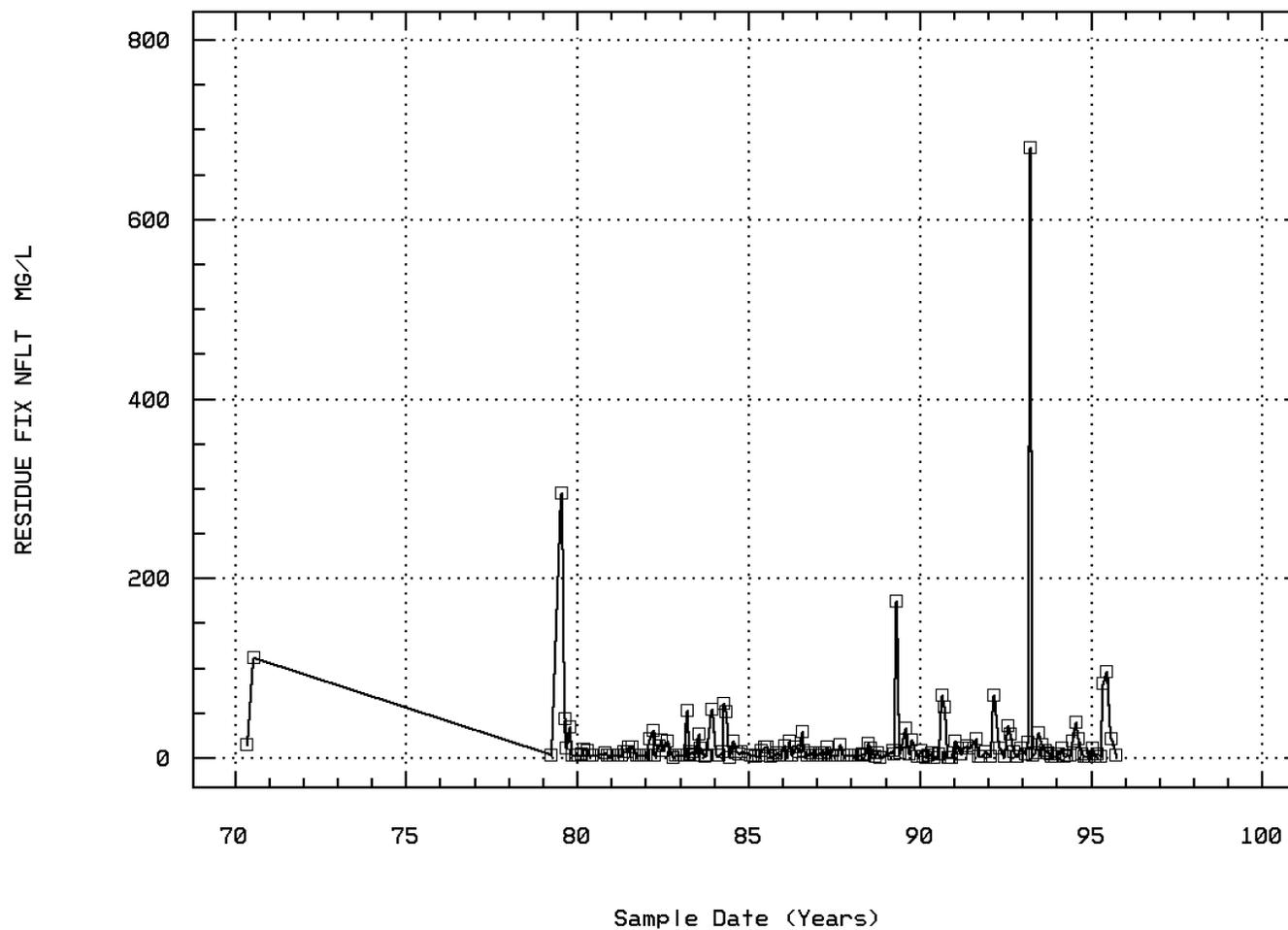
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00540

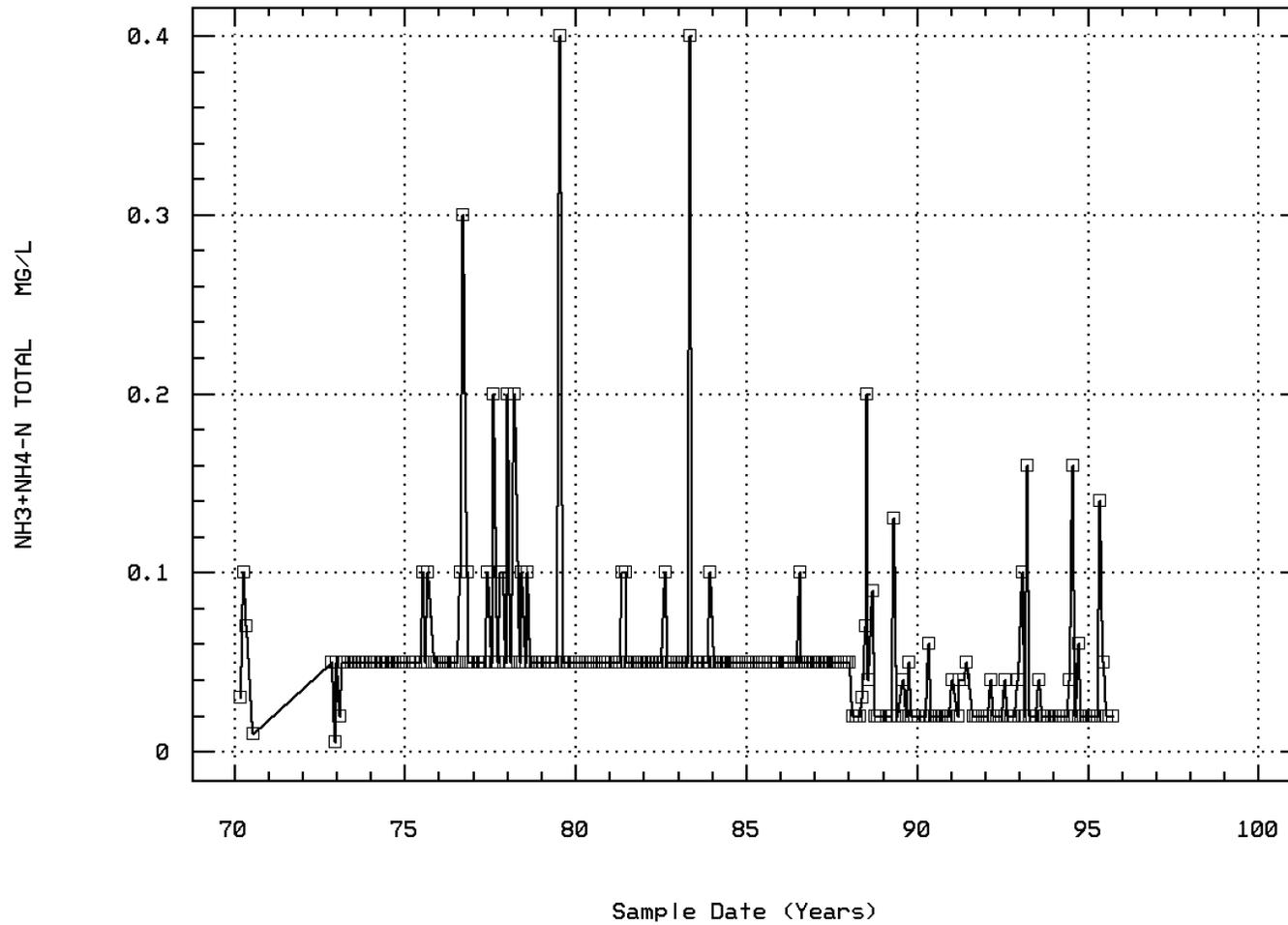
RESIDUE, FIXED NONFILTRABLE (MG/L)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00610

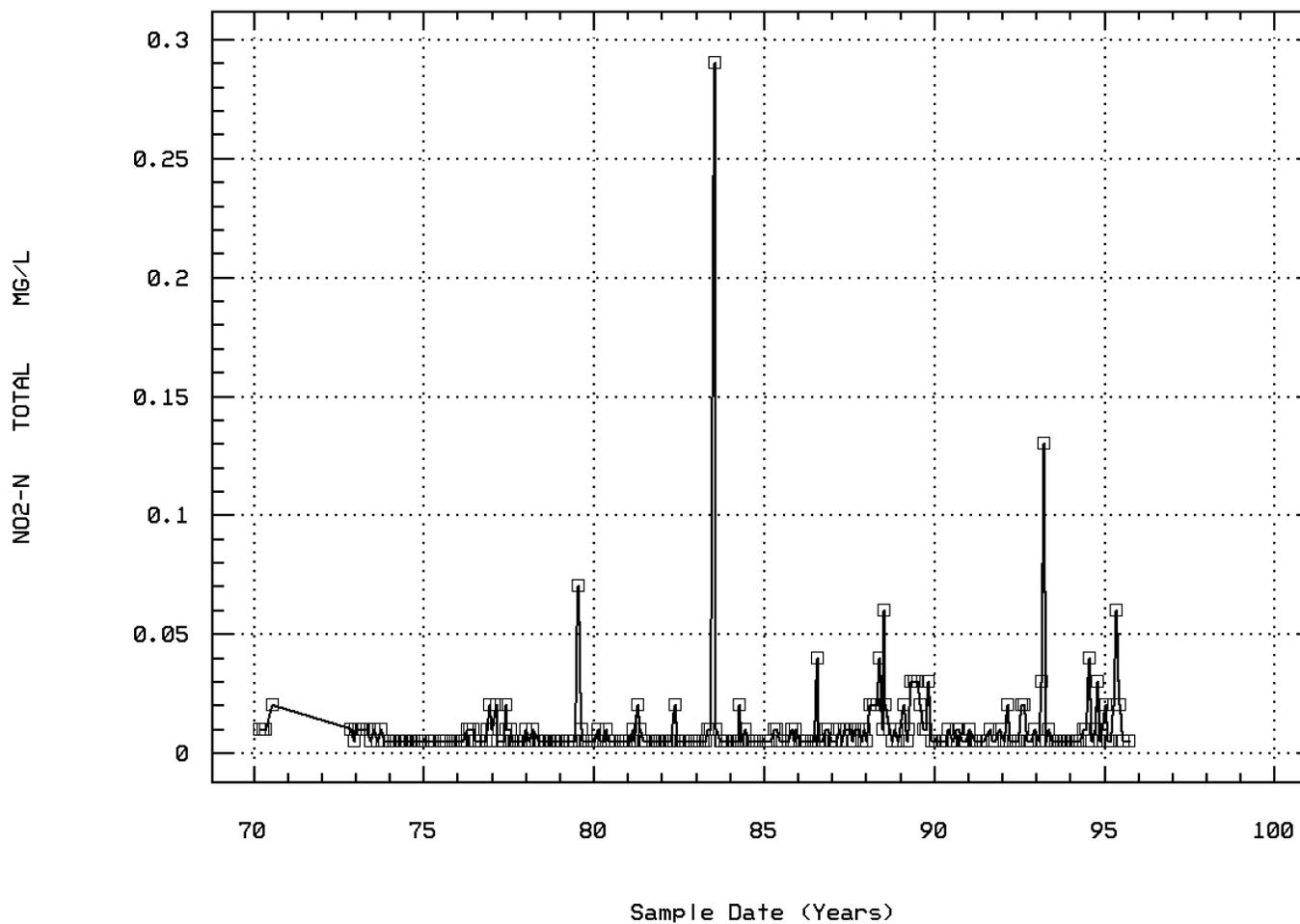
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00615

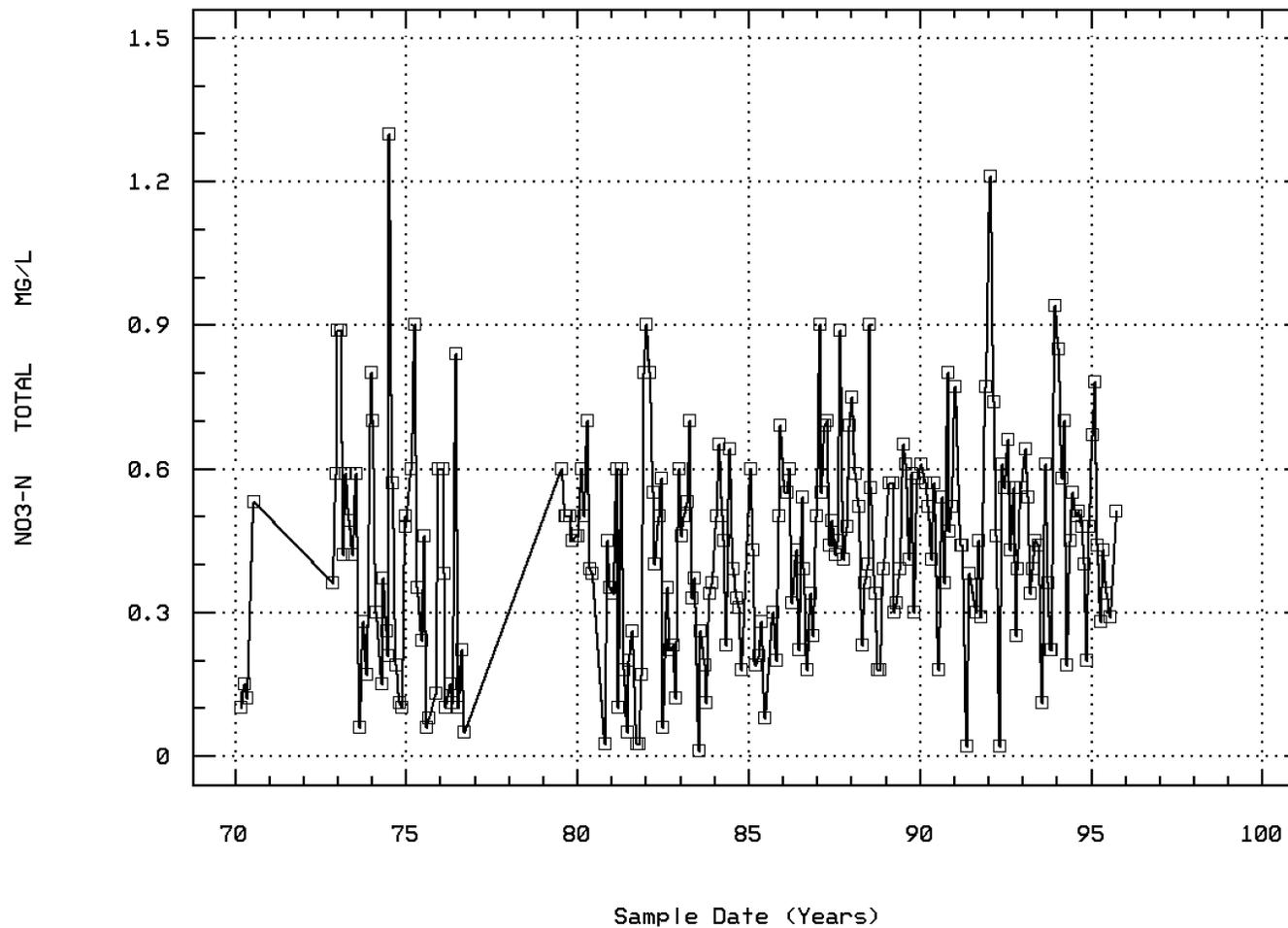
NITRITE NITROGEN, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00620

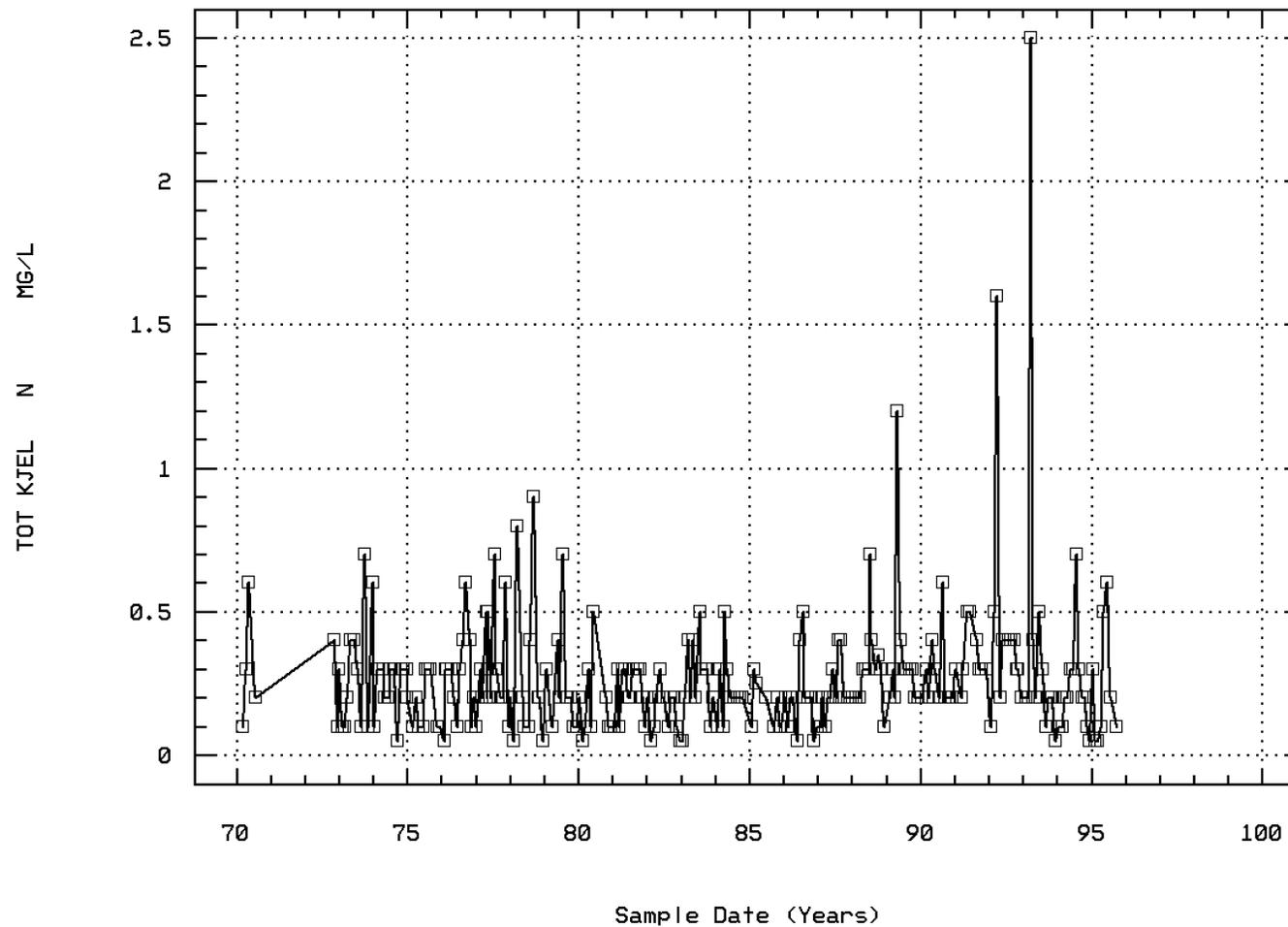
NITRATE NITROGEN, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Annual Analysis for 1967 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	1	23.9	23.9	23.9	23.9	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	8	17.8	16.95	26.7	2.8	66.629	8.163	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	2	721.5	721.5	1300.	143.	669324.5	818.123	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	8	9.9	9.787	12.6	6.7	4.178	2.044	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	4	1.6	1.925	3.3	1.2	0.882	0.939	**	**	**	**
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	7	9.2	8.586	9.3	6.7	1.021	1.011	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	7	9.2	7.495	9.3	6.7	2.408	1.552	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	7	0.001	0.032	0.2	0.001	0.006	0.074	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	4	8.15	8.125	8.4	7.8	0.063	0.25	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	4	8.147	8.07	8.4	7.8	0.067	0.258	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	4	0.007	0.009	0.016	0.004	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	4	120.5	126.75	155.	111.	374.917	19.363	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	4	195.	230.25	359.	172.	7837.583	88.53	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	4	70.	67.25	110.	19.	1414.25	37.607	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	4	147.5	163.	249.	108.	3654.	60.448	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	4	12.5	40.25	134.	2.	3978.917	63.079	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	4	4.5	8.	22.	1.	91.333	9.557	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	4	8.	32.25	112.	1.	2870.25	53.575	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	4	0.05	0.053	0.1	0.01	0.002	0.04	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	4	0.135	0.225	0.53	0.1	0.042	0.204	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	4	0.25	0.3	0.6	0.1	0.047	0.216	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	1	3.342	3.342	3.342	3.342	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	2200.								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	4	0.05	0.044	0.05	0.025	0.	0.013	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	4	0.015	0.019	0.04	0.005	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	13	15.6	13.546	24.4	2.8	73.723	8.586	3.	4.45	22.2	23.76
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	13	449.	595.923	1500.	105.	290403.244	538.891	106.6	162.	1052.5	1496.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	9.3	9.675	13.2	6.3	4.957	2.226	6.3	8.025	11.75	12.84
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	13	8.5	8.154	9.	6.7	0.651	0.807	6.7	7.6	8.8	8.96
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	13	8.5	7.413	9.	6.7	1.245	1.116	6.7	7.6	8.8	8.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	13	0.003	0.039	0.2	0.001	0.005	0.073	0.001	0.002	0.037	0.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2100.	10709.091	80000.	50.	542396409.091	23289.406	50.	300.	8000.	65860.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.322	3.241	4.903	1.699	1.025	1.012	1.699	2.477	3.903	4.716
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	1742.604								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	13.85	14.633	28.9	1.7	65.07	8.067	2.03	10.	20.975	27.22
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	13	403.	552.615	2400.	84.	383890.423	619.589	106.4	148.5	708.5	1810.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	9.3	10.108	14.6	7.6	5.592	2.365	7.72	8.375	11.85	14.48
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.5	8.375	9.	7.5	0.153	0.391	7.65	8.125	8.65	8.91
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.5	8.184	9.	7.5	0.193	0.439	7.65	8.125	8.65	8.91
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.003	0.007	0.032	0.001	0.	0.008	0.001	0.002	0.008	0.025
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	2	0.475	0.475	0.59	0.36	0.026	0.163	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	500.	1763.636	6000.	100.	5820545.455	2412.581	100.	100.	5000.	5880.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.699	2.739	3.778	2.	0.549	0.741	2.	2.	3.699	3.769
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				548.827								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	2	0.105	0.105	0.17	0.04	0.008	0.092	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	11.7	15.464	27.8	5.	68.333	8.266	5.12	8.9	25.6	27.36
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	11	436.	649.091	2730.	130.	567302.091	753.195	132.6	151.	886.	2376.2
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	11	11.	10.755	12.6	8.	1.891	1.375	8.2	10.	11.7	12.56
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.5	8.418	9.	7.3	0.312	0.558	7.4	8.	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.5	8.055	9.	7.3	0.456	0.676	7.4	8.	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.003	0.009	0.05	0.001	0.	0.014	0.001	0.001	0.01	0.043
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.05	0.047	0.05	0.02	0.	0.009	0.026	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.49	0.509	0.89	0.06	0.077	0.278	0.082	0.28	0.8	0.89
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.3	0.3	0.7	0.1	0.044	0.21	0.1	0.1	0.4	0.68
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	1200.	2013.636	11000.	50.	9609045.455	3099.846	60.	100.	2500.	9300.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	3.079	2.897	4.041	1.699	0.503	0.709	1.759	2.	3.398	3.913
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				788.022								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	11 ##	0.05	0.15	1.1	0.05	0.1	0.315	0.05	0.05	0.05	0.9
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	11 ##	0.05	0.049	0.1	0.01	0.	0.021	0.014	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	15.3	14.725	23.3	3.9	47.006	6.856	4.41	8.35	21.925	22.97
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	13	145.	253.692	759.	69.	48417.564	220.04	71.8	95.	415.	683.4
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	10.4	10.7	18.	6.6	8.476	2.911	6.96	8.8	12.1	16.38
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.75	8.492	8.8	7.5	0.243	0.493	7.5	8.325	8.8	8.8
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.747	8.146	8.8	7.5	0.373	0.611	7.5	8.325	8.8	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.002	0.007	0.032	0.002	0.	0.011	0.002	0.002	0.005	0.032
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.28	0.397	1.299	0.1	0.117	0.342	0.103	0.16	0.553	1.119
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.238	0.3	0.05	0.008	0.088	0.065	0.2	0.3	0.3
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	150.	716.667	6000.	50.	2822424.242	1680.007	50.	50.	575.	4410.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.151	2.292	3.778	1.699	0.409	0.639	1.699	1.699	2.758	3.498

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			195.671								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12 ##	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12 ##	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	11.1	13.933	27.2	3.3	84.595	9.198	3.3	6.15	24.4	26.72
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	12	127.5	252.75	911.	58.	64091.659	253.163	66.1	92.25	395.75	790.4
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	9.9	10.817	13.8	8.8	3.429	1.852	8.8	9.45	12.8	13.74
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.4	8.167	9.	6.7	0.506	0.711	6.85	7.725	8.675	9.
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.389	7.566	9.	6.7	0.9	0.949	6.85	7.725	8.675	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.004	0.027	0.2	0.001	0.003	0.057	0.001	0.002	0.019	0.159
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.405	0.39	0.9	0.06	0.073	0.27	0.062	0.118	0.6	0.87
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	10	0.15	0.18	0.3	0.1	0.008	0.092	0.1	0.1	0.3	0.3
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12 ##	50.	266.667	2100.	50.	344242.424	586.722	50.	50.	175.	1590.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12 ##	1.699	1.985	3.322	1.699	0.266	0.516	1.699	1.699	2.226	3.106
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				96.551								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	10 ##	0.05	0.075	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.19
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	10 ##	0.05	0.032	0.05	0.005	0.001	0.023	0.005	0.005	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	17.25	13.992	23.3	4.4	50.915	7.136	4.76	6.15	19.725	22.97
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	13	169.	297.231	1260.	49.	113379.192	336.718	62.2	104.	364.	1015.2
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	10.7	10.65	12.6	7.8	2.175	1.475	8.16	9.55	12.	12.6
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.75	8.467	10.	7.3	0.562	0.75	7.42	7.725	8.8	9.7
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.747	7.994	10.	7.3	0.806	0.898	7.42	7.725	8.8	9.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.002	0.01	0.05	0.	0.	0.015	0.	0.002	0.019	0.041
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.079	0.3	0.05	0.005	0.072	0.05	0.05	0.088	0.24
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	0.15	0.283	0.84	0.05	0.074	0.272	0.05	0.1	0.49	0.84
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.271	0.6	0.05	0.024	0.154	0.065	0.125	0.375	0.54
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	100.	387.5	3500.	50.	963238.636	981.447	50.	62.5	175.	2510.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.	2.104	3.544	1.699	0.246	0.496	1.699	1.774	2.226	3.171
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				126.936								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	15	2.8	6.92	22.	0.6	61.253	7.826	0.66	1.6	14.	22.
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	15	166.	482.533	4980.	45.	1555200.41	1247.077	49.2	97.	237.	2211.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	15	10.	10.013	15.	6.4	5.168	2.273	7.	8.	11.8	13.68
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	15	8.8	8.9	9.7	8.	0.146	0.382	8.42	8.8	9.	9.58
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	15	8.8	8.732	9.7	8.	0.176	0.42	8.42	8.8	9.	9.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	15	0.002	0.002	0.01	0.	0.	0.002	0.	0.001	0.002	0.005
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	15 ##	0.05	0.073	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.14
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	15 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	15	0.3	0.313	0.7	0.1	0.033	0.181	0.1	0.2	0.5	0.64
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	15 ##	50.	476.667	6000.	50.	2338880.952	1529.34	50.	50.	100.	2580.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	15 ##	1.699	1.97	3.778	1.699	0.299	0.547	1.699	1.699	2.	2.998
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			93.268								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	15 ##	0.005	0.009	0.04	0.005	0.	0.011	0.005	0.005	0.005	0.034

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	12.	11.482	25.	0.	80.114	8.951	0.4	2.3	22.	24.8
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	11	129.	574.091	2900.	70.	819416.891	905.216	70.	84.	525.	2660.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	11	9.	8.909	11.2	7.2	1.555	1.247	7.28	7.6	9.6	11.08
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.8	8.818	9.2	8.6	0.026	0.16	8.62	8.7	8.8	9.16
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.8	8.795	9.2	8.6	0.026	0.162	8.62	8.7	8.8	9.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.002	0.002	0.003	0.001	0.	0.	0.001	0.002	0.002	0.002
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.05	0.086	0.2	0.05	0.004	0.06	0.05	0.05	0.1	0.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.2	0.291	0.9	0.05	0.086	0.294	0.05	0.1	0.4	0.88
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8 ##	50.	1056.25	8000.	50.	7872455.357	2805.79	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8 ##	1.699	2.05	3.903	1.699	0.579	0.761	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			112.135								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	11 ##	0.05	0.086	0.3	0.05	0.006	0.074	0.05	0.05	0.1	0.26
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	11 ##	0.005	0.009	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.034

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	10	17.5	15.9	25.	4.	53.433	7.31	4.4	8.75	23.25	24.9
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	10	308.	590.7	1830.	111.	323396.011	568.679	116.9	177.5	935.25	1770.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	6	200.	218.333	350.	135.	6986.667	83.586	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	9	7.4	7.8	9.4	5.4	2.2	1.483	5.4	6.7	9.2	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	6	2.	1.833	3.	1.	0.567	0.753	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	6	5.5	7.167	19.	3.	36.967	6.08	**	**	**	**
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.25	8.23	8.8	7.5	0.267	0.517	7.52	7.775	8.725	8.8
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.182	7.985	8.8	7.5	0.334	0.578	7.52	7.775	8.725	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	10	0.007	0.01	0.032	0.002	0.	0.01	0.002	0.002	0.017	0.03
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	6	210.	254.833	516.	137.	19168.567	138.451	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	6	48.	70.167	200.	25.	4382.567	66.201	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	6	168.	207.667	454.	112.	16181.867	127.208	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	7	10.	64.286	345.	2.5	15685.821	125.243	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	7	2.5	8.	8.	0.	7.167	2.677	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	7	10.	55.714	295.	2.5	11403.821	106.789	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.05	0.085	0.4	0.05	0.012	0.111	0.05	0.05	0.05	0.365
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.005	0.012	0.07	0.005	0.	0.02	0.005	0.005	0.006	0.064

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	6	0.5	0.502	0.6	0.45	0.003	0.053	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	10	0.2	0.25	0.7	0.1	0.034	0.184	0.1	0.1	0.325	0.67
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	6 ##	0.05	0.075	0.2	0.05	0.004	0.061	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	5 ##	0.005	0.013	0.04	0.005	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	6	7.	9.	20.	5.	32.8	5.727	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	10	450.	1995.	8000.	50.	10379138.889	3221.667	55.	100.	3575.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	10	2.651	2.691	3.903	1.699	0.641	0.801	1.729	2.	3.467	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			490.518								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	9	11.5	12.133	21.	5.	35.995	6.	5.	6.05	18.05	21.
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	11	259.	343.	992.	63.	97071.	311.562	65.	92.	558.	952.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	8	305.	279.125	382.	140.	8043.268	89.684	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	9	11.2	10.722	14.4	7.4	4.404	2.099	7.4	9.1	12.1	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	9	1.	1.389	2.	0.5	0.361	0.601	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	9	3.	5.333	17.	0.5	34.125	5.842	0.5	0.5	9.5	17.
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	9	8.7	8.5	9.	7.5	0.283	0.532	7.5	8.1	9.	9.
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	9	8.7	8.18	9.	7.5	0.398	0.631	7.5	8.1	9.	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	9	0.002	0.007	0.032	0.001	0.	0.01	0.001	0.001	0.008	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	5.	5.667	12.	2.5	15.375	3.921	2.5	2.5	9.5	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	2.5	2.444	4.	1.	0.653	0.808	1.	2.	2.75	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	3.	4.333	9.	2.5	6.375	2.525	2.5	2.5	6.5	9.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	0.45	0.428	0.7	0.025	0.035	0.188	0.025	0.365	0.55	0.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	9	0.1	0.183	0.5	0.05	0.02	0.141	0.05	0.1	0.25	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	9	0.01	0.011	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	9	6.	6.444	12.	1.	9.528	3.087	1.	5.	8.5	12.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8 ##	75.	262.5	1100.	50.	138392.857	372.012	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	8 ##	1.849	2.105	3.041	1.699	0.277	0.526	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			127.25								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	10.8	14.4	29.1	5.	82.372	9.076	5.	6.2	23.5	28.88
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	9	79.	84.778	145.	42.	1317.444	36.297	42.	57.	115.5	145.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	298.	297.273	380.	230.	2967.618	54.476	232.	245.	355.	376.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	11.2	10.433	13.4	3.2	9.175	3.029	4.52	8.575	13.1	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.	2.167	5.	1.	0.879	0.937	1.3	2.	2.	4.1
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	7.	7.875	19.	0.5	28.006	5.292	0.65	4.5	11.5	17.5
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	9.	8.945	9.7	8.	0.179	0.423	8.14	8.8	9.2	9.6
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	9.	8.722	9.7	8.	0.233	0.483	8.14	8.8	9.2	9.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.001	0.002	0.01	0.	0.	0.003	0.	0.001	0.002	0.008
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	4.75	6.833	16.	2.5	26.197	5.118	2.5	2.5	10.	15.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.75	3.417	6.	2.5	1.765	1.329	2.5	2.5	4.	6.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	4.667	12.	1.	14.47	3.804	1.45	2.5	6.75	12.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.19	0.279	0.8	0.025	0.066	0.256	0.025	0.063	0.535	0.74
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.25	0.225	0.3	0.1	0.008	0.087	0.1	0.125	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.063	0.2	0.05	0.002	0.043	0.05	0.05	0.05	0.155
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.01	0.024	0.12	0.005	0.001	0.035	0.005	0.005	0.02	0.105
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	7.	6.625	13.	0.5	12.778	3.575	0.65	4.25	8.75	12.1
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11 ##	50.	822.727	8000.	50.	5674181.818	2382.054	50.	50.	200.	6460.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11 ##	1.699	2.08	3.903	1.699	0.46	0.678	1.699	1.699	2.301	3.618
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			120.102								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	13.75	14.308	25.	0.	72.977	8.543	0.96	8.625	23.1	24.7
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	240.	265.	410.	160.	7795.	88.289	162.	180.	335.	398.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	9.65	10.033	14.	6.6	6.27	2.504	6.72	7.9	12.55	13.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	1.25	2.	1.	0.205	0.452	1.	1.	1.75	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	7.	7.667	13.	4.	9.515	3.085	4.	5.	10.75	12.4
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.6	8.592	9.2	8.2	0.094	0.306	8.2	8.325	8.8	9.08
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	8.589	8.503	9.2	8.2	0.102	0.32	8.2	8.325	8.8	9.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.003	0.003	0.006	0.001	0.	0.002	0.001	0.002	0.005	0.006
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	9.5	13.333	33.	2.5	131.424	11.464	2.5	2.5	25.	31.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.75	4.083	10.	2.	6.538	2.557	2.	2.5	5.	9.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.25	10.083	30.	0.	100.356	10.018	0.3	2.5	19.5	27.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.005	0.006	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.45	0.443	0.9	0.06	0.068	0.261	0.078	0.223	0.595	0.87
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.158	0.3	0.05	0.006	0.076	0.05	0.1	0.2	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.015	0.016	0.03	0.	0.	0.011	0.002	0.006	0.028	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	4.	4.333	10.	1.	5.697	2.387	1.3	2.25	5.75	8.8
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	200.	236.818	500.	50.	26061.364	161.435	60.	100.	400.	480.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.301	2.265	2.699	1.699	0.115	0.339	1.759	2.	2.602	2.68
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			183.95								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	14.35	14.625	25.	0.	70.729	8.41	1.74	7.525	23.5	24.7
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	230.	257.273	410.	115.	9686.818	98.422	128.	180.	370.	408.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	9.2	9.667	14.4	5.2	6.432	2.536	5.86	8.05	11.85	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.5	1.583	3.	1.	0.447	0.669	1.	1.	2.	2.7
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	6.5	7.583	21.	3.	22.629	4.757	3.3	5.	8.	18.
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.77	8.01	9.2	6.7	0.599	0.774	6.85	7.55	8.8	9.14
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.769	7.495	9.2	6.7	0.888	0.942	6.85	7.55	8.8	9.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.017	0.032	0.2	0.001	0.003	0.056	0.001	0.002	0.029	0.159
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.	17.292	67.	2.5	540.794	23.255	2.5	3.125	24.75	65.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.75	3.958	14.	1.	12.975	3.602	1.3	2.125	3.75	12.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	3.5	13.958	54.	1.	387.339	19.681	1.3	2.5	22.	53.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.05	0.083	0.4	0.05	0.01	0.101	0.05	0.05	0.05	0.31
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.005	0.03	0.29	0.005	0.007	0.082	0.005	0.005	0.01	0.206
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.35	0.347	0.7	0.01	0.036	0.19	0.04	0.208	0.49	0.649
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.25	0.263	0.5	0.05	0.017	0.13	0.065	0.2	0.375	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.015	0.019	0.05	0.005	0.	0.015	0.005	0.006	0.028	0.047
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	3.	3.208	8.	0.5	4.43	2.105	0.65	1.25	4.75	7.1
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	650.	1504.167	8000.	50.	5009753.788	2238.248	50.	62.5	1975.	6380.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.801	2.692	3.903	1.699	0.593	0.77	1.699	1.774	3.295	3.757
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		492.076									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	10	16.6	15.21	25.	2.	62.639	7.914	2.58	7.95	22.425	24.93
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	316.	275.2	395.	140.	10767.067	103.764	141.5	158.75	365.	393.5
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	10	10.1	10.05	14.2	7.	4.247	2.061	7.1	8.375	11.45	13.94
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	10	1.	1.3	3.	0.5	0.622	0.789	0.5	0.875	2.	2.9
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	3.5	4.05	9.	0.5	9.581	3.095	0.55	1.	7.25	8.9
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.	7.95	8.3	7.5	0.069	0.264	7.51	7.75	8.15	8.3
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.	7.876	8.3	7.5	0.076	0.275	7.51	7.75	8.15	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	10	0.01	0.013	0.032	0.005	0.	0.009	0.005	0.007	0.018	0.031
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	8.5	21.2	82.	2.5	745.9	27.311	2.5	5.125	30.75	79.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	3.	5.9	22.	0.	39.378	6.275	0.25	2.5	7.5	20.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	6.5	15.8	60.	0.	465.678	21.58	0.25	2.5	26.25	59.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.006	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.42	0.418	0.65	0.18	0.026	0.16	0.185	0.29	0.535	0.649
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	10	0.2	0.23	0.5	0.1	0.013	0.116	0.1	0.175	0.3	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	10	0.02	0.019	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	10	3.5	3.95	9.	0.5	6.581	2.565	0.65	2.	6.	8.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	300.	1261.111	8000.	50.	6541736.111	2557.682	50.	50.	1000.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	2.477	2.513	3.903	1.699	0.569	0.754	1.699	1.699	2.998	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		325.994									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	15.65	13.983	23.8	1.	58.072	7.621	2.2	6.375	20.95	23.41
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	253.	272.167	380.	160.	4292.697	65.519	172.	232.5	327.5	371.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	10.	10.133	13.4	7.	4.133	2.033	7.	8.95	11.45	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	1.	2.	0.5	0.273	0.522	0.5	0.5	1.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	6.5	7.	18.	2.	17.455	4.178	2.6	4.	8.75	15.6
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.75	7.75	8.3	7.1	0.15	0.387	7.1	7.525	8.075	8.27
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.747	7.583	8.3	7.1	0.18	0.425	7.1	7.525	8.075	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.018	0.026	0.079	0.005	0.001	0.026	0.005	0.008	0.03	0.079
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	3.75	6.25	16.	2.5	24.25	4.924	2.5	2.5	10.25	15.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12##	2.5	2.833	4.	2.	0.379	0.615	2.15	2.5	3.	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12##	2.5	4.667	12.	2.	14.652	3.828	2.	2.5	7.25	12.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	10	0.29	0.348	0.69	0.08	0.039	0.199	0.091	0.198	0.525	0.681
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	8	0.15	0.169	0.3	0.1	0.006	0.08	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	8##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	10	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.013	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	3.	3.833	7.	2.	2.879	1.697	2.	3.	4.75	7.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	100.	387.5	2400.	50.	443238.636	665.762	50.	62.5	450.	1890.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.	2.233	3.38	1.699	0.277	0.526	1.699	1.774	2.644	3.22
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		171.111									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	12	15.5	13.633	25.	2.2	73.201	8.556	2.29	4.625	21.6	25.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	12	255.	253.917	380.	140.	7181.356	84.743	143.	182.5	329.25	375.5
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	12	10.1	10.125	14.1	6.2	5.5	2.345	6.44	8.5	12.05	13.77
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.	0.917	1.	0.5	0.038	0.195	0.5	1.	1.	1.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	5.	5.167	13.	1.	8.697	2.949	1.6	3.25	6.	11.2
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.85	7.933	8.7	6.9	0.242	0.492	7.08	7.7	8.375	8.64
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	12	7.847	7.655	8.7	6.9	0.327	0.572	7.08	7.7	8.375	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	12	0.014	0.022	0.126	0.002	0.001	0.034	0.002	0.004	0.02	0.098
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	7.5	10.208	33.	2.5	93.521	9.671	2.5	2.5	15.	29.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	2.5	2.458	4.	0.	0.884	0.94	0.6	2.125	3.	3.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	6.	8.792	29.	2.5	68.794	8.294	2.5	2.5	12.75	26.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12##	0.005	0.009	0.04	0.005	0.	0.01	0.005	0.005	0.009	0.031
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.41	0.406	0.6	0.18	0.021	0.144	0.192	0.268	0.548	0.585
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.2	0.5	0.05	0.018	0.133	0.05	0.1	0.2	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.02	0.024	0.08	0.005	0.001	0.023	0.005	0.01	0.028	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	4.	3.75	5.	1.	1.295	1.138	1.6	3.	4.75	5.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	8	172.	164.625	200.	110.	941.982	30.692	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	200.	354.167	1400.	50.	164753.788	405.899	50.	62.5	550.	1220.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.301	2.3	3.146	1.699	0.245	0.495	1.699	1.774	2.734	3.073
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		199.738									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	14	11.8	13.686	26.2	1.	67.96	8.244	2.4	8.	21.725	26.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	270.	261.636	410.	155.	6769.055	82.274	162.	195.	296.	406.4
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	14	9.8	9.071	13.6	1.	15.078	3.883	1.	8.1	11.325	13.45
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	11	1.	1.	2.	0.5	0.15	0.387	0.5	1.	1.	1.8
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	2.5	3.7	10.	1.	8.011	2.83	1.1	2.	5.5	9.7
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	14	7.99	7.871	8.7	7.1	0.258	0.508	7.2	7.3	8.128	8.65
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	14	7.99	7.629	8.7	7.1	0.321	0.567	7.2	7.3	8.128	8.65
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	14	0.01	0.023	0.079	0.002	0.001	0.024	0.002	0.008	0.05	0.065
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	8	8.	7.887	8.5	7.1	0.218	0.467	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	8	7.989	7.648	8.5	7.1	0.284	0.533	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	8	0.01	0.023	0.079	0.003	0.001	0.027	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	8	151.	139.	160.	87.	653.143	25.557	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	6.625	21.	2.5	44.46	6.668	2.5	2.5	12.5	19.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	3.833	22.	0.	33.97	5.828	0.	2.5	2.5	16.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12 ##	2.5	4.667	14.	2.5	16.242	4.03	2.5	2.5	5.	13.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.52	0.593	0.9	0.41	0.031	0.177	0.413	0.443	0.698	0.897
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.225	0.4	0.1	0.009	0.097	0.1	0.2	0.275	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.01	0.02	0.05	0.005	0.	0.016	0.005	0.006	0.038	0.047
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	8	3.	3.25	4.	3.	0.214	0.463	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	152.	145.833	214.	26.	2321.061	48.177	51.8	119.5	181.	205.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	500.	1668.182	8000.	50.	6355636.364	2521.039	50.	200.	2400.	7340.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	11	2.699	2.746	3.903	1.699	0.525	0.724	1.699	2.301	3.38	3.857
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			557.731								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	12.7	13.809	25.2	1.3	63.063	7.941	1.9	8.9	23.2	24.86
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	200.	228.333	370.	150.	5093.75	71.371	150.	175.	282.5	370.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	10	10.55	10.45	14.9	7.7	5.065	2.251	7.71	8.475	11.9	14.63
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	10	1.	1.25	2.	0.5	0.292	0.54	0.55	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	10	3.5	3.8	7.	2.	3.511	1.874	2.	2.	5.25	6.9
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	7.9	8.057	8.9	7.3	0.286	0.535	7.34	7.7	8.6	8.884
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	7.9	7.816	8.9	7.3	0.35	0.591	7.34	7.7	8.6	8.884
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.013	0.015	0.05	0.001	0.	0.015	0.001	0.003	0.02	0.046
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	10	8.	8.	8.2	7.8	0.013	0.115	7.81	7.9	8.1	8.19
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	10	8.	7.986	8.2	7.8	0.014	0.116	7.81	7.9	8.1	8.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	10	0.01	0.01	0.016	0.006	0.	0.003	0.006	0.008	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	8	132.5	132.125	167.	88.	766.982	27.694	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	3.75	7.1	21.	2.	43.989	6.632	2.05	2.5	11.5	20.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	10	2.75	3.3	5.	2.	1.456	1.206	2.05	2.5	5.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	10 ##	2.5	4.85	16.	0.5	23.558	4.854	0.65	2.375	6.5	15.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.025	0.05	0.2	0.02	0.003	0.053	0.02	0.02	0.065	0.167
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.015	0.019	0.06	0.005	0.	0.016	0.005	0.006	0.02	0.054
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.395	0.45	0.9	0.18	0.05	0.224	0.18	0.258	0.583	0.855
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.3	0.304	0.7	0.1	0.022	0.148	0.13	0.2	0.338	0.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12	0.1	0.087	0.2	0.05	0.002	0.043	0.05	0.05	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	12	0.015	0.018	0.05	0.005	0.	0.014	0.005	0.005	0.03	0.044
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	8	1.7	1.888	2.9	1.	0.396	0.629	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	10	164.	160.9	200.	102.	942.767	30.705	104.9	136.25	187.5	199.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	1	35.	35.	35.	35.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12 ##	50.	95.833	200.	50.	4299.242	65.569	50.	50.	175.	200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12 ##	1.699	1.9	2.301	1.699	0.071	0.267	1.699	1.699	2.226	2.301
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			79.37								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	15.2	14.891	23.4	4.7	41.397	6.434	5.02	9.	20.5	23.32
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	8	180.	189.375	280.	110.	2488.839	49.888	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	8	300.5	260.625	400.	1.	15686.839	125.247	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	11	10.2	10.245	13.7	6.5	6.009	2.451	6.58	7.6	12.3	13.48
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	9	2.	1.556	2.	1.	0.278	0.527	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	9	8.	9.111	21.	3.	25.611	5.061	3.	6.	10.5	21.
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.4	8.249	8.7	6.92	0.252	0.502	7.12	8.1	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.4	7.814	8.7	6.92	0.461	0.679	7.12	8.1	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.004	0.015	0.12	0.002	0.001	0.035	0.002	0.003	0.008	0.099
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	9	8.2	8.144	8.5	7.9	0.03	0.174	7.9	8.	8.2	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	9	8.2	8.116	8.5	7.9	0.031	0.177	7.9	8.	8.2	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	9	0.006	0.008	0.013	0.003	0.	0.003	0.003	0.006	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	9	120.	110.889	148.	58.	829.861	28.807	58.	89.	133.5	148.
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	9	229.	224.222	319.	162.	2633.444	51.317	162.	180.5	259.	319.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	8	60.5	59.25	70.	47.	95.929	9.794	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	8	182.5	170.5	249.	112.	2200.857	46.913	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	8.	33.222	200.	2.	4051.194	63.649	2.	4.5	30.5	200.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	3.	5.444	26.	0.5	63.715	7.982	0.5	0.75	5.5	26.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	5.	27.889	174.	1.	3111.361	55.78	1.	3.	26.5	174.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	10##	0.02	0.036	0.13	0.02	0.001	0.035	0.02	0.02	0.043	0.122
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.02	0.018	0.03	0.005	0.	0.011	0.005	0.01	0.03	0.03
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.57	0.481	0.65	0.3	0.019	0.137	0.3	0.32	0.59	0.642
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.3	0.355	1.2	0.2	0.083	0.288	0.2	0.2	0.3	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	11##	0.05	0.082	0.3	0.05	0.006	0.075	0.05	0.05	0.1	0.26
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	11	0.01	0.023	0.08	0.005	0.001	0.024	0.005	0.005	0.03	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	9	2.2	2.333	4.2	0.9	1.148	1.071	0.9	1.4	3.15	4.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	9	146.	138.889	202.	72.	1599.111	39.989	72.	109.	167.	202.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	8	10.	104.375	765.	4.	71276.554	266.977	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	8	20.	21.125	33.	13.	52.411	7.24	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	300.	1095.833	5500.	50.	2901571.97	1703.4	50.	87.5	1400.	4900.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.477	2.569	3.74	1.699	0.483	0.695	1.699	1.849	3.129	3.681
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			370.326								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	15	11.9	13.113	23.9	2.1	48.75	6.982	4.32	7.3	17.5	23.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	13	205.	226.154	320.	160.	3058.974	55.308	164.	175.	287.5	310.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	12	309.	305.167	375.	150.	3927.424	62.669	179.7	280.	363.25	372.3
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	15	11.	10.76	13.8	7.7	4.79	2.189	8.12	8.9	12.8	13.68
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	2.	1.875	3.	0.5	0.551	0.742	0.65	1.25	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	13	8.	8.231	16.	2.	14.359	3.789	3.2	5.5	11.	14.8
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	15	8.4	8.451	9.	7.31	0.174	0.417	7.784	8.3	8.7	8.94
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	15	8.4	8.183	9.	7.31	0.25	0.5	7.784	8.3	8.7	8.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	15	0.004	0.007	0.049	0.001	0.	0.012	0.001	0.002	0.005	0.024
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	13	8.3	8.115	8.4	7.5	0.086	0.294	7.62	7.85	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	13	8.3	8.012	8.4	7.5	0.098	0.313	7.62	7.85	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	13	0.005	0.01	0.032	0.004	0.	0.008	0.004	0.005	0.014	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	13	141.	136.154	163.	99.	446.808	21.138	101.4	118.	156.	161.4
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	13	190.	192.308	247.	145.	1112.897	33.36	145.4	163.	214.	244.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	13	46.	47.154	63.	35.	62.641	7.915	36.2	41.	51.5	61.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	13	144.	145.154	205.	92.	1016.141	31.877	94.	121.	161.	193.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	13	4.	15.115	80.	0.5	695.173	26.366	1.1	2.5	8.5	75.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	13	3.	7.115	47.	0.5	156.465	12.509	0.5	0.75	8.5	32.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	13	2.	11.654	69.	0.5	530.391	23.03	0.5	0.5	6.5	64.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.02	0.024	0.06	0.02	0.	0.012	0.02	0.02	0.02	0.052
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	11	0.52	0.505	0.8	0.18	0.025	0.157	0.216	0.41	0.57	0.762
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	11	0.2	0.273	0.6	0.2	0.016	0.127	0.2	0.2	0.3	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	11 ##	0.05	0.077	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	11	0.02	0.014	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	13	2.	2.092	4.3	0.7	0.762	0.873	0.94	1.55	2.5	3.66
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	13	160.	156.077	188.	116.	526.41	22.944	117.2	138.	174.	184.8
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	13	7.	7.585	12.	0.6	9.21	3.035	2.36	6.	9.5	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	13	20.	21.308	54.	2.	143.231	11.968	6.8	15.	27.	43.6
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	13	400.	1280.769	8000.	50.	4638141.026	2153.634	70.	200.	1350.	5880.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	13	2.602	2.714	3.903	1.699	0.365	0.604	1.819	2.301	3.123	3.714
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			517.643								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	10	16.35	16.26	25.	8.5	33.82	5.816	8.61	10.875	21.225	24.69
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	10	260.	262.5	390.	150.	8018.056	89.544	151.	163.75	350.	389.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	9	369.	337.222	449.	230.	7206.444	84.891	230.	240.5	411.	449.
00300p	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	9	9.3	8.989	12.2	4.1	5.966	2.443	4.1	7.6	10.7	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	9	2.	2.056	4.	0.5	1.528	1.236	0.5	1.	3.	4.
00340	COD, 25N K2CR2O7 MG/L	07/18/79-09/25/95	9	9.	8.444	11.	5.	5.028	2.242	5.	6.	10.5	11.
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.35	8.21	8.6	7.1	0.237	0.486	7.15	8.05	8.525	8.6
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	10	8.347	7.866	8.6	7.1	0.368	0.607	7.15	8.05	8.525	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	10	0.004	0.014	0.079	0.003	0.001	0.024	0.003	0.003	0.011	0.074
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	9	8.1	8.044	8.4	7.5	0.098	0.313	7.5	7.8	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	9	8.1	7.933	8.4	7.5	0.112	0.334	7.5	7.8	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	9	0.008	0.012	0.032	0.004	0.	0.01	0.004	0.005	0.018	0.032
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	9	144.	140.222	179.	94.	1078.694	32.843	94.	105.	171.5	179.
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	9	226.	206.667	264.	156.	1713.75	41.397	156.	158.5	240.	264.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	9	54.	52.333	86.	27.	339.	18.412	27.	38.	65.	86.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	9	164.	154.333	182.	116.	649.	25.475	116.	126.	175.	182.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	12.	11.167	24.	1.5	57.375	7.575	1.5	4.	17.5	24.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	2.	1.778	3.	0.5	0.757	0.87	0.5	1.	2.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	9	10.	9.611	21.	1.5	49.736	7.052	1.5	3.	16.	21.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	9 ##	0.02	0.03	0.05	0.02	0.	0.012	0.02	0.02	0.04	0.05
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	9	0.44	0.429	0.77	0.02	0.055	0.234	0.02	0.295	0.61	0.77
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	9	0.3	0.344	0.5	0.2	0.01	0.101	0.2	0.3	0.45	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	9 ##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	9	0.01	0.016	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	9	2.	2.1	2.9	1.6	0.23	0.48	1.6	1.65	2.5	2.9
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	9	174.	161.111	222.	106.	1752.111	41.858	106.	115.	195.	222.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	9	9.	9.111	15.	5.	11.861	3.444	5.	6.	12.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	9	25.	24.889	39.	14.	98.361	9.918	14.	15.	34.	39.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	500.	1533.333	8000.	100.	6447500.	2539.193	100.	150.	2000.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	2.699	2.756	3.903	2.	0.411	0.641	2.	2.151	3.3	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			570.324								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	12.7	13.825	23.8	6.1	39.406	6.277	6.25	7.975	19.475	23.77
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11	240.	241.636	350.	95.	5353.455	73.167	110.6	195.	295.	346.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11	346.	341.636	434.	168.	5269.055	72.588	192.8	299.	395.	426.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12	10.5	10.217	13.1	7.	4.598	2.144	7.03	8.15	11.975	12.89
00310	BOD, 5 DAY, 20 DEG C MG/L	12	2.	1.667	2.	1.	0.242	0.492	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	11	11.	11.	18.	3.	23.4	4.837	3.2	7.	14.	17.8
00400p	PH (STANDARD UNITS)	12	8.35	8.35	8.8	7.7	0.094	0.306	7.79	8.15	8.6	8.74
00400p	CONVERTED PH (STANDARD UNITS)	12	8.347	8.239	8.8	7.7	0.107	0.327	7.79	8.15	8.6	8.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.004	0.006	0.02	0.002	0.	0.005	0.002	0.003	0.007	0.017
00403	PH, LAB, STANDARD UNITS SU	12	8.3	8.292	8.5	7.8	0.034	0.183	7.92	8.225	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12	8.3	8.248	8.5	7.8	0.036	0.189	7.92	8.225	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.005	0.006	0.016	0.003	0.	0.003	0.003	0.004	0.006	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	144.	130.333	181.	16.	2290.97	47.864	28.9	121.75	163.	178.
00500	RESIDUE, TOTAL (MG/L)	12	228.	210.583	285.	16.	5090.265	71.346	62.5	176.5	253.	282.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	60.5	51.083	72.	5.	347.174	18.633	13.7	40.75	63.75	69.6
00510	RESIDUE, TOTAL FIXED (MG/L)	12	161.5	155.333	225.	11.	2879.697	53.663	47.	139.5	177.	222.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	6.	16.292	78.	1.	529.748	23.016	1.15	2.25	25.75	66.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12	1.75	2.583	9.	1.	5.674	2.382	1.	1.	3.5	7.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12	4.5	13.958	69.	1.	419.112	20.472	1.	1.625	22.25	58.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12##	0.02	0.025	0.04	0.02	0.	0.009	0.02	0.02	0.035	0.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	12##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.018	0.02
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12	0.56	0.538	1.21	0.02	0.082	0.287	0.089	0.4	0.648	1.069
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.4	0.433	1.6	0.1	0.148	0.385	0.13	0.225	0.4	1.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12##	0.075	0.092	0.3	0.05	0.005	0.07	0.05	0.05	0.1	0.24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	6	0.015	0.018	0.05	0.005	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11	4.2	3.973	7.5	0.5	3.466	1.862	0.76	2.8	5.	7.04
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11	178.	173.091	224.	74.	1740.291	41.717	85.6	162.	198.	222.4
00940	CHLORIDE, TOTAL IN WATER MG/L	12	8.	8.167	12.	3.	8.515	2.918	3.6	6.	10.75	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	11	25.	25.273	35.	13.	41.418	6.436	14.4	21.	31.	34.6
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	900.	1441.667	5500.	100.	2615378.788	1617.213	100.	125.	2300.	4690.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	2.952	2.821	3.74	2.	0.405	0.637	2.	2.075	3.362	3.652
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			661.644								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	6	0.015	0.017	0.03	0.005	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	14.45	14.175	25.	3.	79.084	8.893	3.18	4.85	23.625	25.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	12	240.	222.25	340.	70.	7419.841	86.138	80.5	148.75	290.25	334.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12	347.5	315.583	414.	137.	7029.174	83.84	157.4	261.25	375.25	410.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12	9.3	9.85	13.2	6.7	6.499	2.549	6.7	7.625	12.625	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12	1.	1.417	4.	1.	0.811	0.9	1.	1.	1.75	3.4
00340	COD, .25N K2CR2O7 MG/L	12	7.	10.583	52.	2.5	179.674	13.404	2.5	4.25	10.75	40.
00400p	PH (STANDARD UNITS)	12	8.35	8.317	8.8	7.6	0.1	0.316	7.72	8.2	8.575	8.74
00400p	CONVERTED PH (STANDARD UNITS)	12	8.347	8.194	8.8	7.6	0.116	0.341	7.72	8.2	8.575	8.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.004	0.006	0.025	0.002	0.	0.006	0.002	0.003	0.006	0.021
00403	PH, LAB, STANDARD UNITS SU	12	8.15	8.192	8.8	7.7	0.114	0.337	7.73	7.925	8.475	8.74
00403	CONVERTED PH, LAB, STANDARD UNITS	12	8.147	8.084	8.8	7.7	0.126	0.355	7.73	7.925	8.475	8.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.007	0.008	0.02	0.002	0.	0.006	0.002	0.003	0.012	0.019
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	150.	137.917	188.	58.	1794.083	42.357	65.2	99.75	176.5	186.5
00500	RESIDUE, TOTAL (MG/L)	12	233.	248.333	730.	122.	25110.788	158.464	126.8	162.5	244.5	588.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12	57.	59.083	97.	30.	362.447	19.038	33.6	43.25	74.25	91.3
00510	RESIDUE, TOTAL FIXED (MG/L)	12	165.	189.25	633.	79.	20770.205	144.119	84.1	122.	180.75	501.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	7.	72.083	744.	1.5	44899.492	211.895	1.5	4.25	19.75	533.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12	2.	8.	64.	1.	321.955	17.943	1.	1.125	3.75	48.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	5.	64.333	680.	1.5	37653.833	194.046	1.5	3.25	16.5	484.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.02	0.04	0.16	0.02	0.002	0.044	0.02	0.02	0.035	0.142
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.005	0.018	0.13	0.005	0.001	0.036	0.005	0.005	0.009	0.1
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.415	0.438	0.94	0.11	0.05	0.224	0.143	0.25	0.593	0.85
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.421	2.5	0.05	0.443	0.666	0.065	0.2	0.375	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.113	0.8	0.05	0.047	0.217	0.05	0.05	0.05	0.575
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	2.9	4.575	15.2	1.2	18.04	4.247	1.35	2.	5.2	13.91
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	174.	164.5	226.	98.	1709.909	41.351	99.8	130.5	193.	221.2
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	12	7.5	7.	9.	3.	4.	2.	3.6	5.25	9.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	12	22.5	21.417	31.	9.	47.174	6.868	10.2	16.25	27.5	30.4
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	300.	1404.167	7500.	50.	4831117.424	2197.98	65.	100.	2100.	6270.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.452	2.651	3.875	1.699	0.51	0.714	1.789	2.	3.321	3.772
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			447.577								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12	0.01	0.027	0.22	0.005	0.004	0.061	0.005	0.005	0.018	0.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	11	15.5	14.855	26.4	4.8	54.031	7.351	5.22	8.4	20.7	26.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	11	225.	222.273	330.	135.	3236.818	56.893	138.	180.	255.	321.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	12	313.5	321.5	390.	214.	2806.818	52.979	230.25	290.25	373.	389.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/22/92-09/25/95	11	10.2	9.773	12.1	6.3	5.496	2.344	6.36	7.4	11.9	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	12	1.75	1.65	2.2	0.5	0.226	0.476	0.71	1.425	2.	2.14
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	12	7.	8.375	25.	2.5	32.415	5.693	3.25	5.25	9.	20.8
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.3	8.351	9.2	7.75	0.193	0.439	7.8	8.	8.7	9.14
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	11	8.3	8.19	9.2	7.75	0.221	0.47	7.8	8.	8.7	9.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	11	0.005	0.006	0.018	0.001	0.	0.005	0.001	0.002	0.01	0.016
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	12	8.	7.975	8.4	7.4	0.095	0.308	7.46	7.725	8.275	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	12	8.	7.871	8.4	7.4	0.107	0.327	7.46	7.725	8.275	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	12	0.01	0.013	0.04	0.004	0.	0.011	0.004	0.005	0.019	0.035
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	12	135.5	137.417	171.	91.	641.538	25.329	97.9	116.5	162.	170.1
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	12	216.	217.333	283.	155.	1518.424	38.967	162.8	187.25	238.25	282.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	12	57.	59.833	75.	46.	98.152	9.907	46.9	50.75	70.	74.4
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	12	145.	157.5	216.	106.	1153.727	33.967	113.5	132.	181.5	214.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	4.5	10.583	45.	1.5	177.992	13.341	1.5	1.5	19.	38.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	1.5	1.958	5.	1.	1.384	1.177	1.	1.125	2.75	4.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	12	3.5	9.167	40.	1.5	139.697	11.819	1.5	1.5	16.25	34.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.02	0.037	0.16	0.02	0.002	0.041	0.02	0.02	0.035	0.13
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12 ##	0.008	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.037
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	12	0.49	0.491	0.85	0.19	0.034	0.183	0.193	0.413	0.573	0.805
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	12	0.2	0.229	0.7	0.05	0.029	0.171	0.065	0.1	0.3	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	12 ##	0.05	0.075	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	12	2.3	3.125	14.6	1.1	13.404	3.661	1.19	1.525	2.675	11.12
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	12	153.	161.167	200.	106.	861.242	29.347	113.8	141.5	192.25	199.1
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	12	9.5	9.917	16.	7.	6.083	2.466	7.	9.	10.	15.1
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	12	20.	21.083	28.	16.	16.629	4.078	16.3	17.25	25.25	27.7
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	800.	1416.667	5600.	100.	2543333.333	1594.783	130.	250.	2350.	4730.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	12	2.889	2.888	3.748	2.	0.284	0.532	2.09	2.376	3.368	3.653
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			772.003								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	12	0.02	0.015	0.03	0.005	0.	0.008	0.005	0.006	0.02	0.027

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

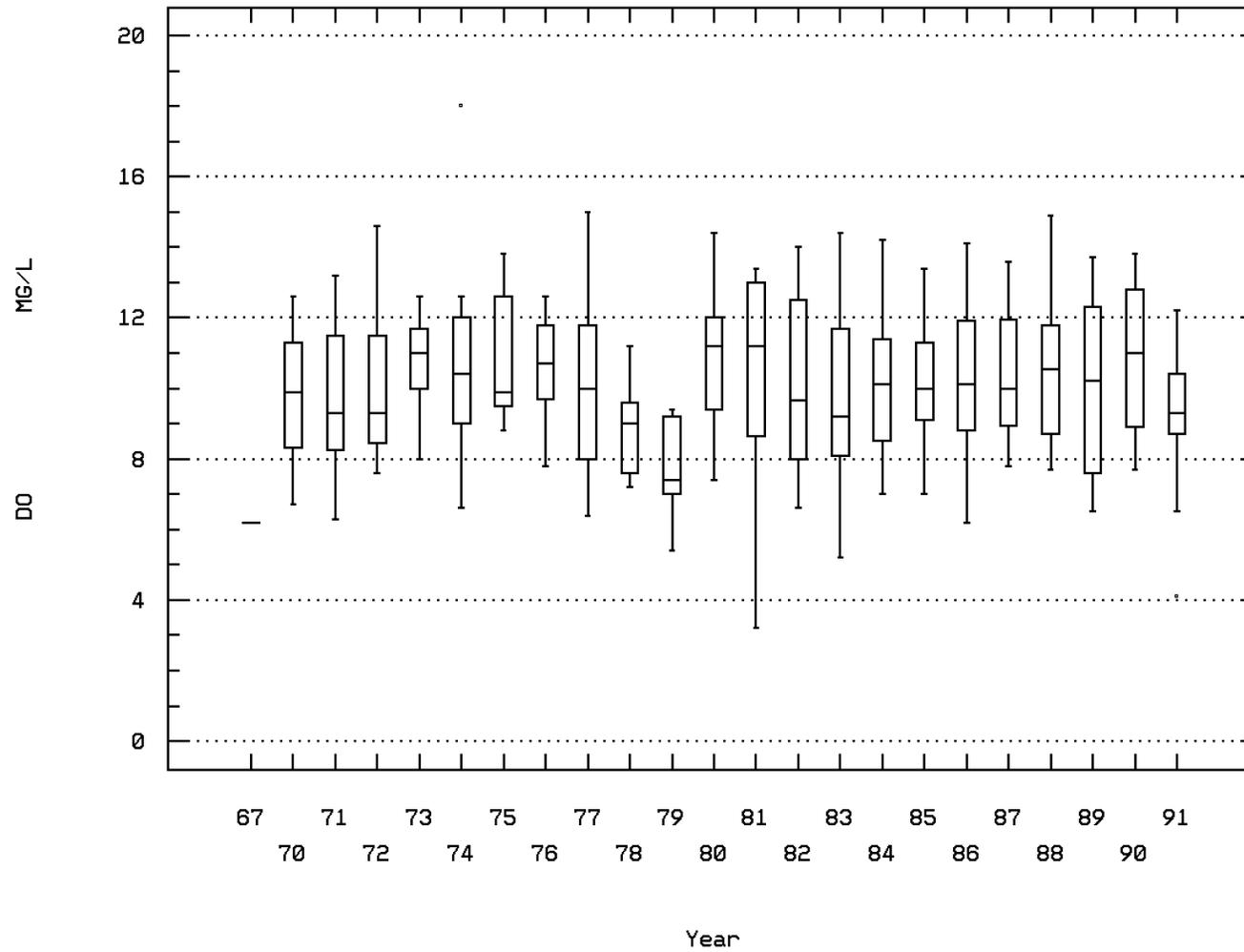
Annual Analysis for 1995 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	9	16.2	15.1	25.1	2.	54.24	7.365	2.	9.6	20.75	25.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	9	170.	226.111	370.	120.	9154.861	95.681	120.	155.	332.5	370.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	8	301.	299.625	402.	202.	6601.696	81.251	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/22/92-09/25/95	9	9.	9.556	13.8	6.7	5.66	2.379	6.7	7.5	11.7	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	8	1.25	1.475	3.4	0.5	0.768	0.876	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	8	10.	10.063	20.	2.5	53.674	7.326	**	**	**	**
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	9	8.1	8.161	8.53	7.85	0.058	0.241	7.85	7.925	8.39	8.53
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	9	8.1	8.105	8.53	7.85	0.062	0.248	7.85	7.925	8.39	8.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	9	0.008	0.008	0.014	0.003	0.	0.004	0.003	0.004	0.012	0.014
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	8	7.8	7.75	8.	7.4	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	8	7.8	7.706	8.	7.4	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	8	0.016	0.02	0.04	0.01	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	8	114.	116.875	161.	78.	1296.125	36.002	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	8	197.	192.25	245.	119.	1977.357	44.467	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	8	37.5	40.	70.	14.	407.143	20.178	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	8	162.	152.25	189.	99.	928.786	30.476	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	8	9.	31.563	110.	1.5	1913.103	43.739	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	8##	1.5	4.313	14.	1.5	23.924	4.891	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	8	7.5	27.5	96.	1.5	1497.357	38.696	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	8##	0.02	0.039	0.14	0.02	0.002	0.042	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	8##	0.013	0.018	0.06	0.005	0.	0.019	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	8	0.435	0.468	0.78	0.28	0.032	0.18	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	8	0.15	0.238	0.6	0.05	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	8	0.1	0.181	0.8	0.05	0.065	0.255	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	8	2.9	3.663	7.4	1.7	4.031	2.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	8	139.	141.	193.	99.	1517.143	38.951	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	8	9.	8.375	11.	4.	6.554	2.56	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	8	20.	20.	28.	12.	35.714	5.976	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	400.	1555.556	8000.	50.	6672152.778	2583.051	50.	75.	2250.	8000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	2.602	2.649	3.903	1.699	0.603	0.777	1.699	1.849	3.343	3.903
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	9	2.602	2.649	3.903	1.699	0.603	0.777	1.699	1.849	3.343	3.903
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	8	0.02	0.038	0.09	0.02	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0112 Parameter Code: 00300

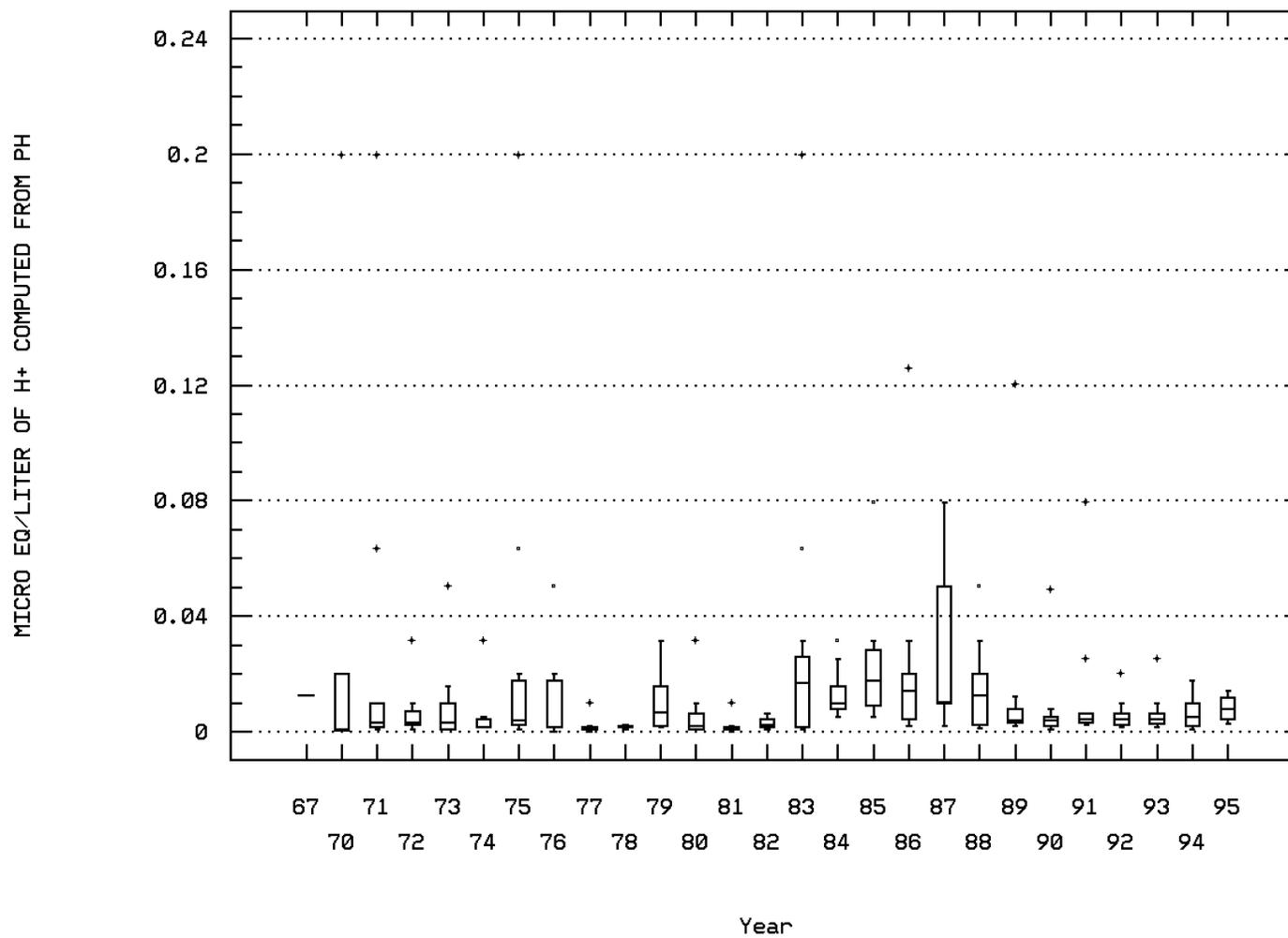
OXYGEN, DISSOLVED



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00400

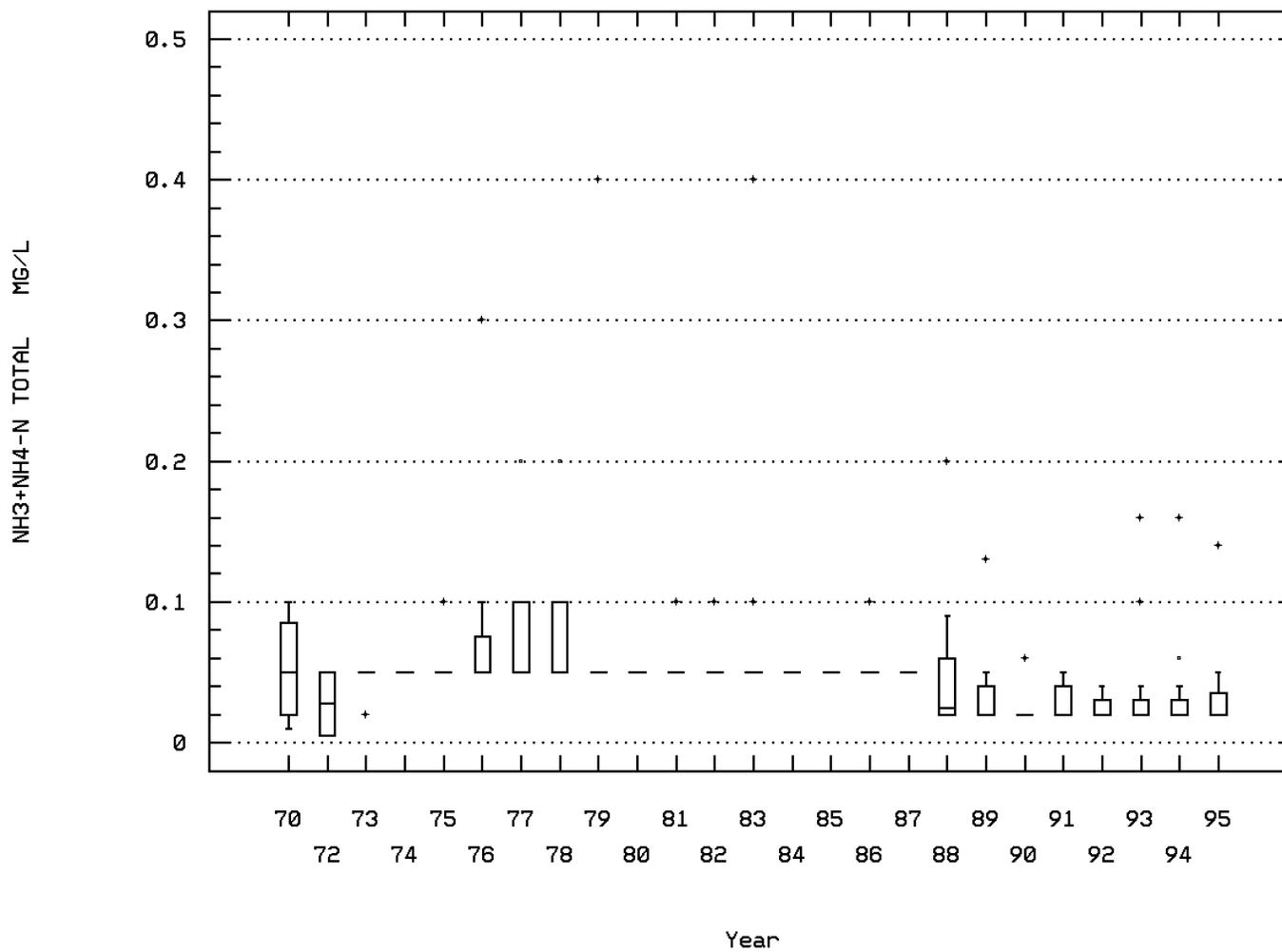
MICRO EQ/LITER OF H+ COMPUTED FROM PH



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00610

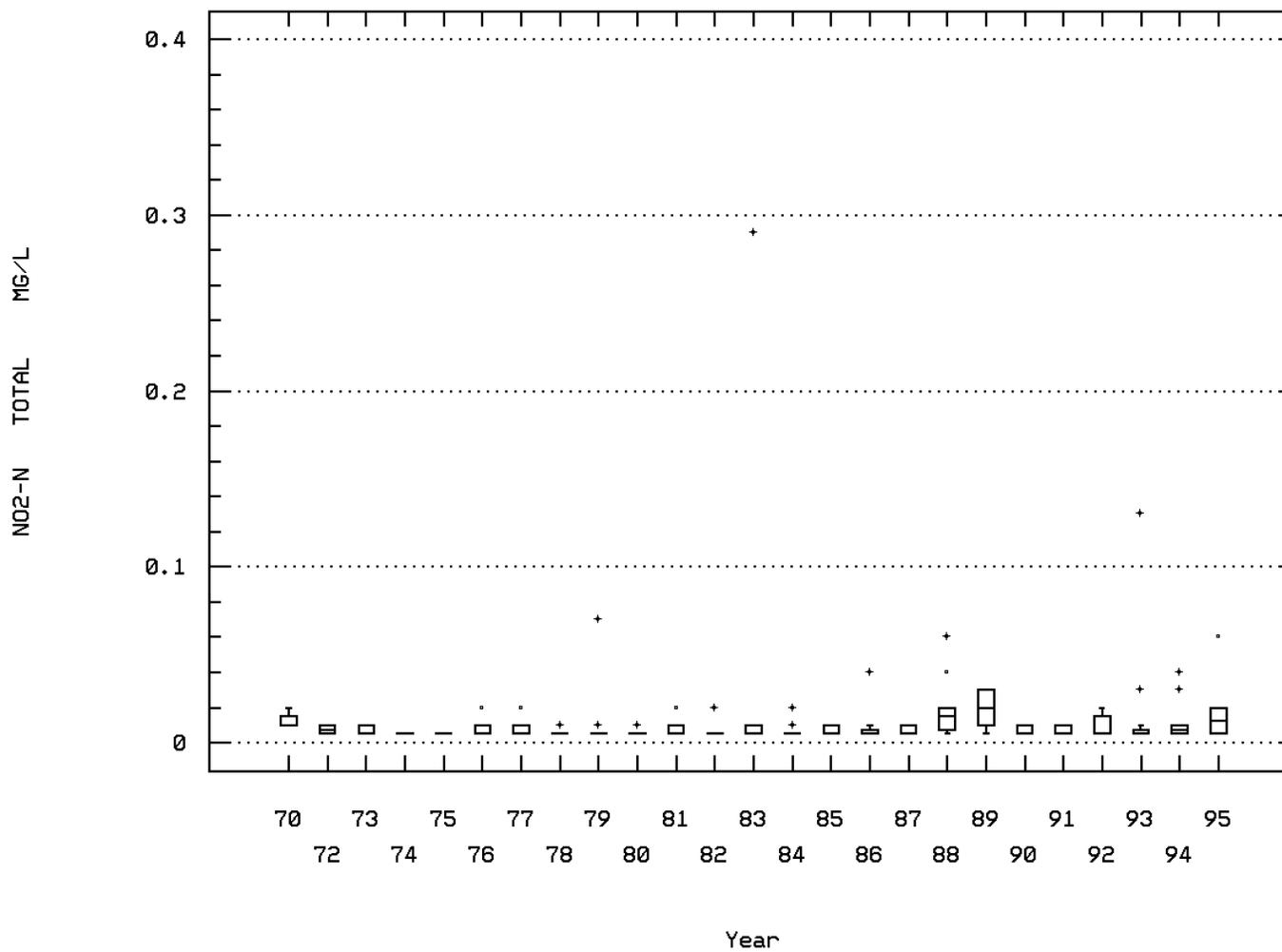
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00615

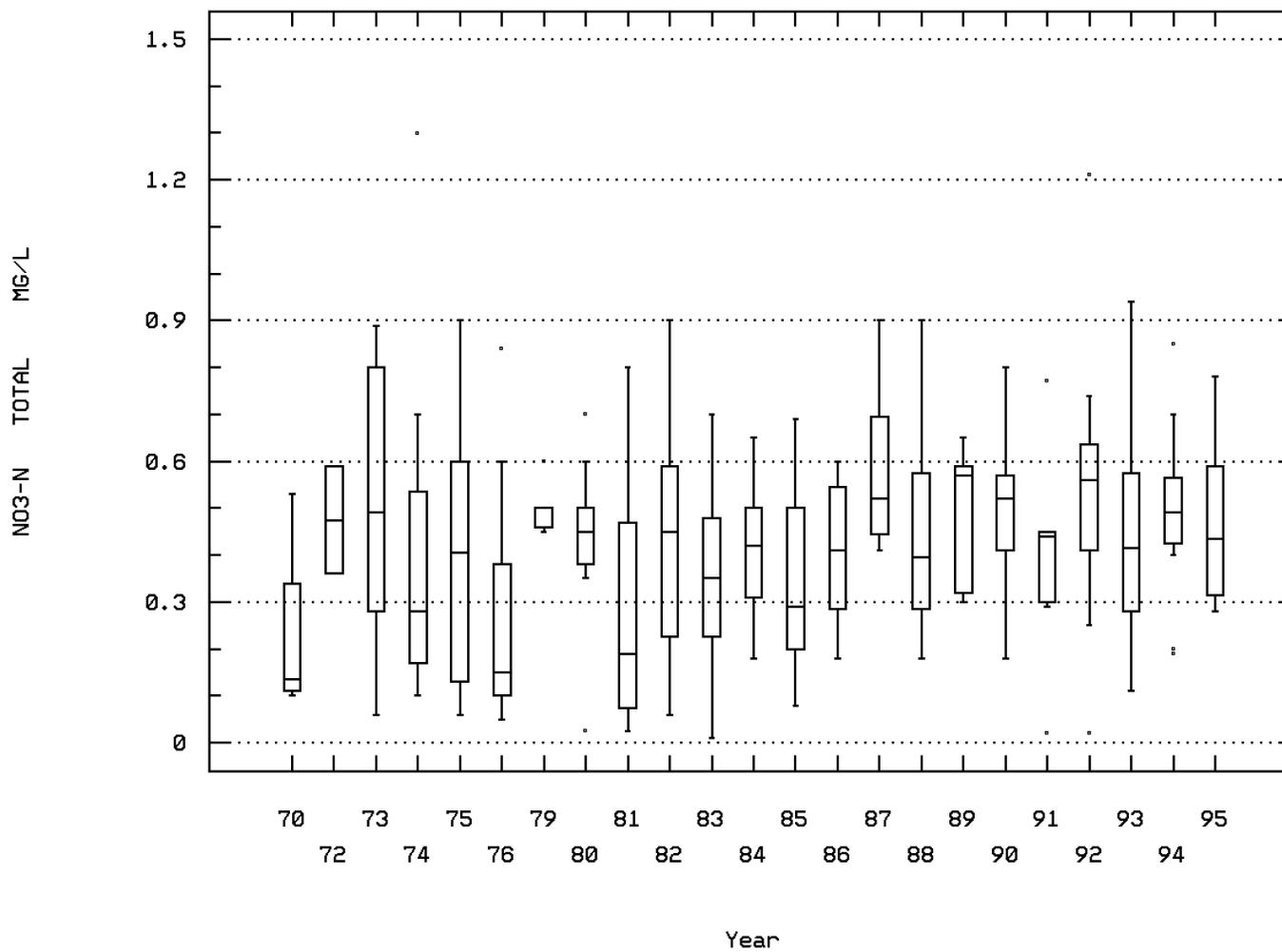
NITRITE NITROGEN, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00620

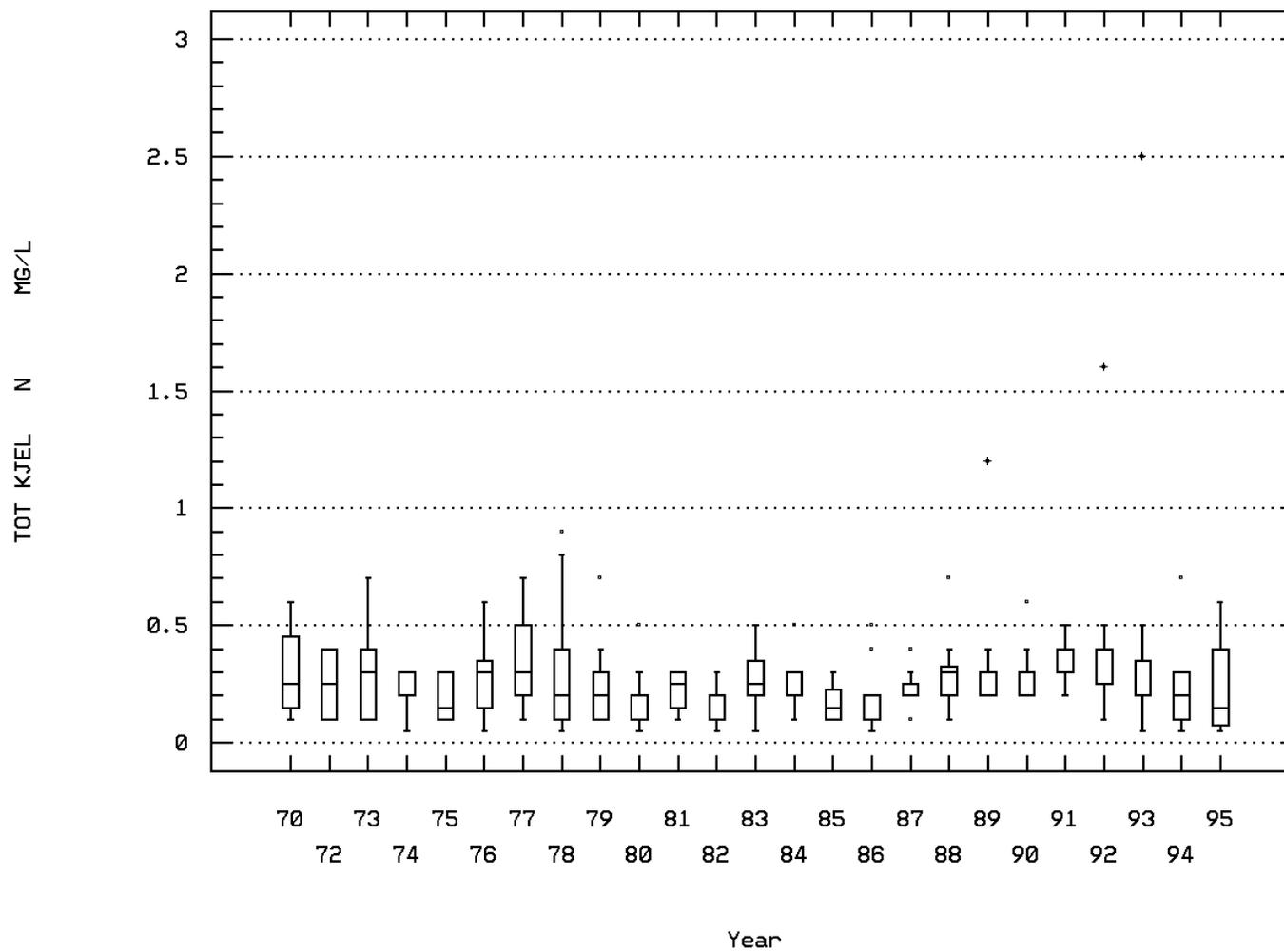
NITRATE NITROGEN, TOTAL (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 00625

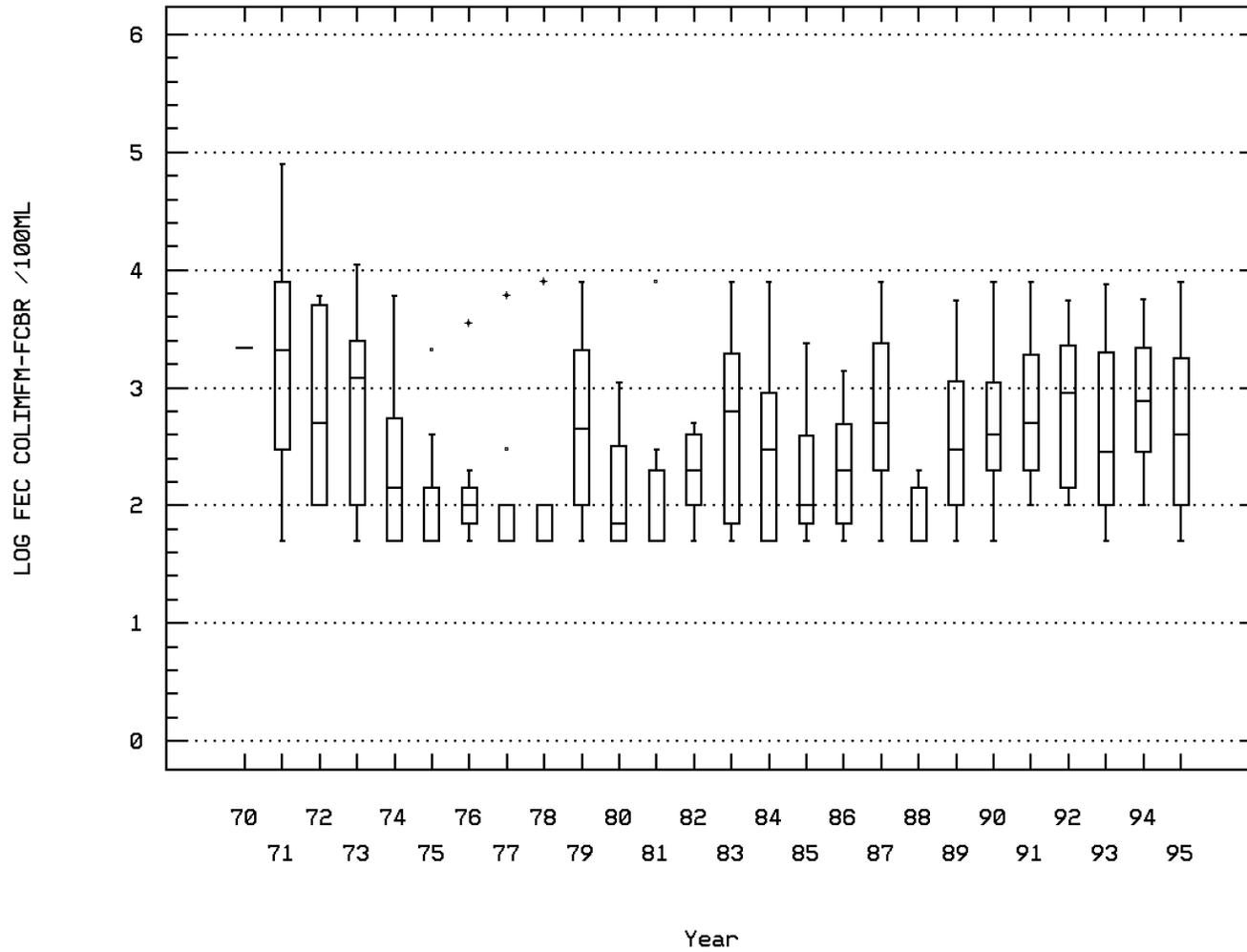
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station: BLRI0112 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



14TH. ST. BRIDGE ABOVE ROANOKE STP

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	78	22.75	21.046	28.9	2.1	35.114	5.926	14.82	19.3	24.625	26.02
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	34	110.	172.412	1830.	42.	92222.007	303.681	47.	83.5	140.25	244.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	11	12.	49.018	320.	2.6	8617.958	92.833	2.62	7.2	40.	272.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	47	330.	315.617	410.	135.	4384.459	66.215	219.	270.	370.	393.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	18	368.5	347.222	425.	160.	4044.889	63.599	257.2	306.25	391.75	404.3
00300	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	65	8.3	8.56	18.	4.1	3.968	1.992	6.36	7.4	9.5	10.64
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	50	1.	1.328	5.	0.5	0.647	0.804	0.5	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	48	7.	7.573	19.	1.	20.638	4.543	2.5	4.	10.	14.1
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	77	8.3	8.387	10.	7.3	0.28	0.53	7.7	8.	8.8	9.
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	77	8.3	8.119	10.	7.3	0.353	0.594	7.7	8.	8.8	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	77	0.005	0.008	0.05	0.	0.009	0.009	0.001	0.002	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	27	8.1	8.067	8.5	7.1	0.095	0.308	7.56	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	27	8.1	7.919	8.5	7.1	0.117	0.343	7.56	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	27	0.008	0.012	0.079	0.003	0.	0.015	0.004	0.005	0.01	0.028
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	27	155.	138.889	183.	16.	1277.795	35.746	85.6	122.	161.	169.4
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	24	242.	256.458	516.	162.	4685.476	68.451	190.5	226.25	280.	325.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	24	61.5	67.667	200.	27.	1036.493	32.195	40.5	56.25	70.75	94.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	24	184.	194.583	454.	112.	4032.601	63.503	137.	165.5	214.5	237.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	13.	27.18	345.	2.5	2647.804	51.457	3.1	7.	28.25	50.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	3.	4.38	22.	0.	19.016	4.361	1.55	2.	5.	9.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	10.	22.17	295.	1.	1962.037	44.295	2.05	3.	22.25	42.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	67 ##	0.05	0.063	0.4	0.01	0.004	0.063	0.02	0.04	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	67 ##	0.005	0.015	0.29	0.005	0.001	0.036	0.005	0.005	0.01	0.022
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	62	0.39	0.387	1.299	0.01	0.056	0.236	0.066	0.198	0.533	0.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	68	0.3	0.316	0.9	0.05	0.03	0.173	0.1	0.2	0.4	0.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	49 ##	0.05	0.093	0.8	0.05	0.012	0.11	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	37	0.01	0.019	0.08	0.005	0.	0.016	0.005	0.01	0.03	0.042
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	47	3.	4.164	20.	1.	9.584	3.096	1.8	2.6	5.	7.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	29	186.	169.897	224.	26.	1767.81	42.045	110.	151.	195.5	202.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	19	9.	10.105	20.	4.	13.211	3.635	6.	8.	12.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	18	27.	25.667	36.	13.	29.176	5.402	16.6	23.	28.	32.4
01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	9 ##	2.5	4.	10.	0.5	14.625	3.824	0.5	0.5	7.5	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	10 ##	2.75	4.75	25.	0.5	54.514	7.383	0.5	0.5	5.	23.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	11 ##	5.	5.591	10.	0.5	10.741	3.277	0.6	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	11 ##	5.	9.545	30.	5.	67.273	8.202	5.	5.	10.	28.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	11	5.	8.136	20.	0.5	41.705	6.458	1.	5.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	11	10.	18.455	80.	5.	453.273	21.29	5.	10.	20.	68.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	72	300.	1185.417	8000.	50.	5047847.711	2246.742	50.	100.	900.	4900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	72	2.477	2.515	3.903	1.699	0.461	0.679	1.699	2.	2.945	3.681
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	72	300.	1185.417	8000.	50.	5047847.711	2246.742	50.	100.	900.	4900.
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	30 ##	0.02	0.023	0.1	0.005	0.001	0.022	0.005	0.005	0.035	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	11 ##	0.25	0.223	0.3	0.15	0.004	0.061	0.15	0.15	0.25	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	140	7.8	7.687	20.2	0.	17.296	4.159	2.02	4.725	10.5	13.25
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	63	306.	614.19	4980.	63.	712221.834	843.932	74.2	139.	730.	1496.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	18	2.85	19.606	242.	0.5	3164.998	56.258	0.77	2.	10.075	60.2
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	80	190.	204.813	395.	70.	4128.686	64.255	140.	160.	240.	309.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	35	303.	305.971	449.	137.	6629.323	81.421	190.2	244.	387.	406.8
00300	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	117	11.2	11.114	15.	1.	5.652	2.377	8.96	9.9	12.7	13.72
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	86	1.2	1.541	5.4	0.5	0.639	0.8	1.	1.	2.	2.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	85	6.	7.318	52.	0.5	48.273	6.948	2.	3.	9.	14.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	140	8.4	8.238	9.7	6.7	0.413	0.643	7.3	7.8	8.8	8.9
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	140	8.4	7.712	9.7	6.7	0.693	0.832	7.3	7.8	8.8	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	140	0.004	0.019	0.2	0.	0.002	0.04	0.001	0.002	0.016	0.05
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	43	8.	8.028	8.5	7.3	0.103	0.322	7.54	7.8	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	43	8.	7.906	8.5	7.3	0.119	0.345	7.54	7.8	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	43	0.01	0.012	0.05	0.003	0.	0.01	0.004	0.005	0.016	0.029
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	43	130.	129.721	188.	58.	1074.396	32.778	85.6	107.	159.	175.8
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	39	190.	206.359	730.	119.	9074.184	95.259	138.	158.	235.	257.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	39	49.	50.641	97.	14.	283.762	16.845	27.	40.	63.	75.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	39	141.	154.436	633.	79.	7053.673	83.986	99.	120.	171.	182.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	87	2.5	16.115	744.	0.5	6402.411	80.015	1.5	2.5	7.	19.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	87 ##	2.5	3.115	64.	0.	47.556	6.896	0.5	1.5	2.5	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	87	2.5	14.023	680.	0.	5343.482	73.099	1.	2.	5.	17.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	122 ##	0.05	0.046	0.2	0.005	0.001	0.029	0.02	0.02	0.05	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	122 ##	0.005	0.008	0.13	0.005	0.	0.012	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	106	0.5	0.489	1.21	0.025	0.052	0.229	0.17	0.34	0.6	0.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	123	0.2	0.222	2.5	0.05	0.073	0.271	0.07	0.1	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	86 ##	0.05	0.07	0.8	0.05	0.008	0.088	0.05	0.05	0.05	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	68	0.01	0.017	0.12	0.	0.	0.019	0.005	0.005	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	81	3.	3.737	15.2	0.5	9.479	3.079	1.	1.7	5.	8.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	47	152.	153.979	226.	74.	1282.891	35.817	105.6	128.	180.	202.
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	36	9.	29.933	765.	0.6	15895.234	126.076	4.4	6.	11.75	16.6
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	36	21.	22.806	54.	2.	97.533	9.876	13.	15.25	30.5	35.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	7 ##	1.	1.429	2.5	0.5	0.619	0.787	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	9 ##	5.	5.056	10.	0.5	5.653	2.378	0.5	5.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	15 ##	5.	8.033	20.	0.5	41.588	6.449	3.2	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	15 ##	5.	7.333	20.	5.	28.095	5.3	5.	5.	5.	20.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	15	5.	15.8	100.	1.	622.171	24.943	1.	4.	20.	58.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	15	10.	34.333	340.	5.	7224.524	84.997	5.	5.	20.	154.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	132	200.	1018.977	11000.	50.	4424618.221	2103.478	50.	50.	700.	2540.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	132	2.301	2.395	4.041	1.699	0.468	0.684	1.699	1.699	2.845	3.405
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			248.502								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	36 ##	0.05	0.101	1.1	0.025	0.032	0.18	0.05	0.05	0.088	0.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	55 ##	0.01	0.027	0.22	0.005	0.001	0.038	0.005	0.005	0.04	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	15 ##	0.25	0.487	4.	0.15	0.946	0.973	0.15	0.25	0.25	1.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/67-09/25/95	82	17.9	17.861	29.1	1.8	27.396	5.234	11.37	14.775	22.	24.4
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/70-09/24/81	36	232.5	365.25	1260.	70.	89696.193	299.493	99.3	150.25	508.75	915.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/04/71-06/25/92	13	4.6	63.392	575.	1.5	25961.882	161.127	1.62	2.3	15.	417.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/79-09/25/95	48	245.	254.625	382.	110.	4687.133	68.463	160.	212.5	297.25	360.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/89-09/25/95	19	306.	295.947	369.	1.	7479.164	86.482	202.	280.	355.	366.
00300	OXYGEN, DISSOLVED MG/L	08/21/67-10/17/91	71	9.4	9.523	13.2	5.4	2.783	1.668	7.6	8.6	10.5	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/70-09/25/95	49	1.8	1.649	4.	0.5	0.593	0.77	1.	1.	2.	3.
00340	COD, .25N K2CR2O7 MG/L	07/18/79-09/25/95	46	7.	7.359	21.	0.5	17.574	4.192	2.	5.	9.25	12.3
00400p	PH (STANDARD UNITS)	08/21/67-09/25/95	82	8.5	8.388	9.3	7.1	0.244	0.493	7.758	8.	8.8	9.
00400p	CONVERTED PH (STANDARD UNITS)	08/21/67-09/25/95	82	8.5	8.073	9.3	7.1	0.344	0.586	7.758	8.	8.8	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/67-09/25/95	82	0.003	0.008	0.079	0.001	0.	0.014	0.001	0.002	0.01	0.017
00403	PH, LAB, STANDARD UNITS SU	03/16/70-09/25/95	27	8.1	8.122	8.8	7.6	0.077	0.278	7.8	7.9	8.3	8.52
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/70-09/25/95	27	8.1	8.044	8.8	7.6	0.084	0.289	7.8	7.9	8.3	8.52
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/70-09/25/95	27	0.008	0.009	0.025	0.002	0.	0.005	0.003	0.005	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/16/70-09/25/95	25	131.	127.24	174.	58.	846.857	29.101	79.2	108.	151.5	156.
00500	RESIDUE, TOTAL (MG/L)	03/16/70-09/25/95	23	193.	194.826	319.	16.	2753.968	52.478	151.4	181.	218.	240.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

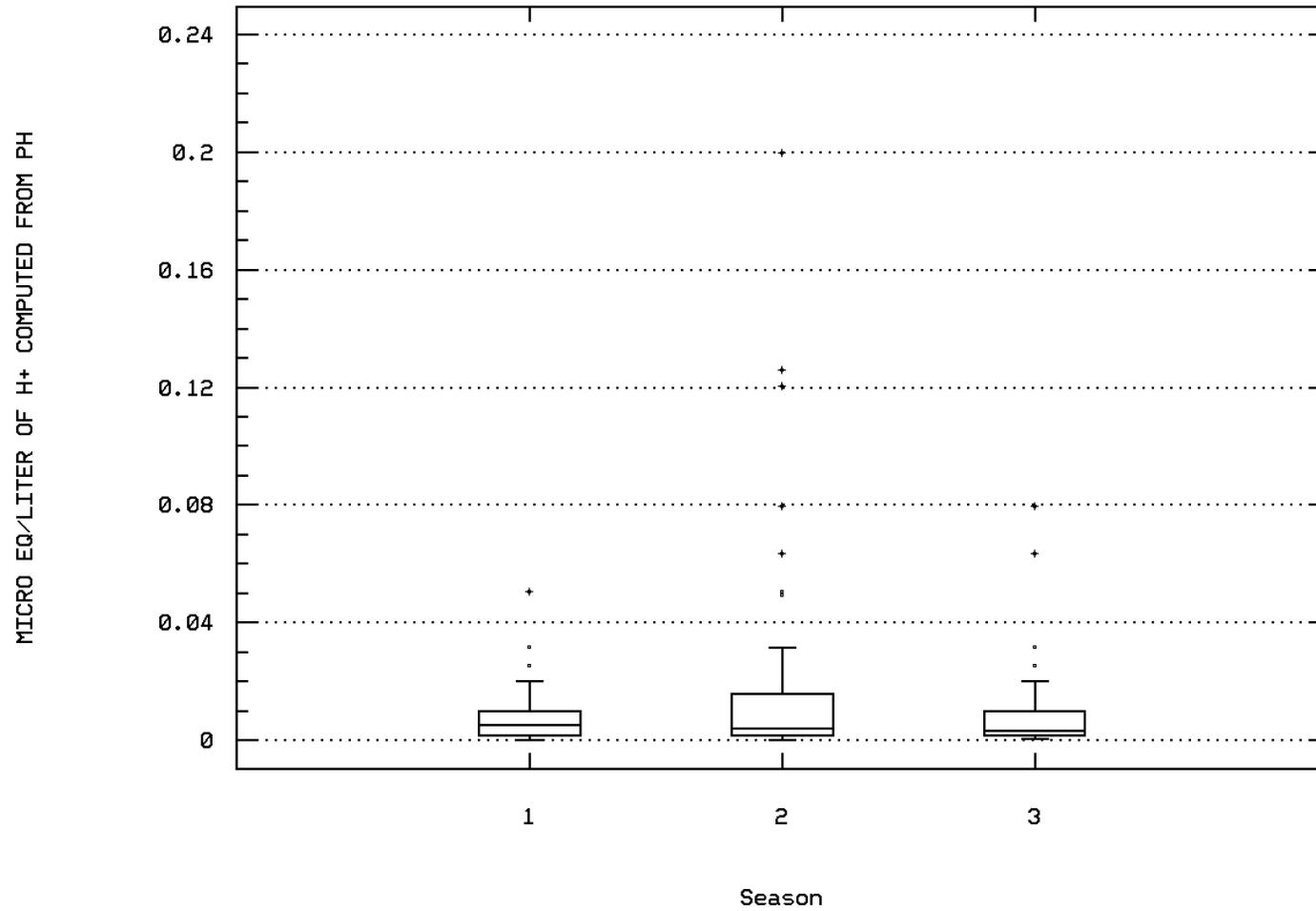
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/16/70-09/25/95	22	48.	48.091	76.	5.	345.325	18.583	21.4	36.	63.	72.7
00510	RESIDUE, TOTAL FIXED (MG/L)	03/16/70-09/25/95	22	153.	147.364	249.	11.	1838.814	42.881	99.2	136.5	164.25	181.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	7.5	18.93	200.	1.	1210.929	34.798	2.5	2.875	16.	58.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	3.	5.26	47.	0.5	60.472	7.776	1.	2.	4.25	12.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/16/70-09/25/95	50	5.	15.13	174.	0.	907.988	30.133	1.05	2.5	12.25	48.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/70-09/25/95	71 ##	0.05	0.056	0.4	0.02	0.002	0.048	0.02	0.05	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	72 ##	0.005	0.01	0.06	0.005	0.	0.009	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/70-09/25/95	62	0.385	0.381	0.9	0.02	0.037	0.193	0.129	0.23	0.493	0.631
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/16/70-09/25/95	70	0.3	0.302	1.2	0.05	0.028	0.169	0.11	0.2	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/79-09/25/95	45 ##	0.05	0.072	0.3	0.05	0.002	0.049	0.05	0.05	0.1	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-06/25/92	38	0.02	0.02	0.08	0.005	0.	0.015	0.005	0.01	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/79-09/25/95	47	3.	3.994	10.9	0.5	6.087	2.467	1.56	2.3	5.	8.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/27/86-09/25/95	28	155.	149.321	194.	72.	949.485	30.814	101.8	128.75	174.	181.1
00940	CHLORIDE, TOTAL IN WATER MG/L	06/09/87-09/25/95	22	7.	7.273	10.	4.	3.541	1.882	4.3	6.	9.	9.7
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/87-09/25/95	21	20.	18.667	25.	12.	12.533	3.54	13.2	16.5	21.	23.6
01002	ARSENIC, TOTAL (UG/L AS AS)	03/04/71-07/28/92	11 ##	1.	1.727	5.	0.5	2.018	1.421	0.5	0.5	2.5	4.5
01027	CADMIUM, TOTAL (UG/L AS CD)	11/01/70-07/28/92	12 ##	5.	5.208	20.	0.5	25.203	5.02	0.5	2.375	5.	15.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/16/70-07/28/92	15 ##	5.	6.9	30.	1.	45.936	6.778	1.9	5.	5.	18.
01042	COPPER, TOTAL (UG/L AS CU)	03/16/70-07/28/92	15 ##	5.	11.167	80.	2.5	379.345	19.477	4.	5.	5.	44.
01051	LEAD, TOTAL (UG/L AS PB)	11/01/70-07/28/92	13	5.	8.077	20.	1.	34.244	5.852	1.4	3.5	13.5	18.
01092	ZINC, TOTAL (UG/L AS ZN)	03/16/70-07/28/92	14	10.5	21.143	90.	5.	510.593	22.596	5.	8.75	30.	65.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	76	350.	2289.474	80000.	50.	85467421.053	9244.859	50.	50.	1675.	5120.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/29/70-09/25/95	76	2.54	2.568	4.903	1.699	0.624	0.79	1.699	1.699	3.224	3.709
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				GEOMETRIC MEAN =								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	03/16/70-06/08/79	25 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/70-09/25/95	34 ##	0.01	0.025	0.09	0.005	0.001	0.024	0.005	0.005	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/70-06/25/92	14 ##	0.2	0.2	0.25	0.15	0.003	0.052	0.15	0.15	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0112 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



14TH. ST. BRIDGE ABOVE ROANOKE STP

Station Inventory for Station: BLRI0113

NPS Station ID: BLRI0113
 Location: N & W PARKING LOT BRIDGE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101032
 RF3 Index: 03010101019800.00

LAT/LON: 37.277781/ -79.923615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.100
 RF3 Mile Point: 2.96

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4ALCK000.38
 Within Park Boundary: No

Date Created: 08/07/82

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 13.80
 Distance from RF3: 0.69

On/Off RF1: ON
 On/Off RF3:

DESCRIPTION: VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY NO. 82510 BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: LICK RUN SECTION: 06D TOPO MAP #: 0026 TOPO MAP NAME: ROANOKE, VA

Parameter Inventory for Station: BLRI0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/82-09/25/95	38	16.	16.461	26.9	7.6	28.284	5.318	9.81	12.05	21.875	24.
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/25/82-05/11/83	7	13.	14.857	23.	10.	27.143	5.21	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/17/88-09/25/95	26	360.	346.385	550.	65.	12279.126	110.811	148.5	287.5	418.75	473.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/89-11/06/89	3	457.	349.	504.	86.	52429.	228.974	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/09/91-09/25/95	17	11.	11.441	19.9	7.3	9.164	3.027	7.62	9.55	12.95	15.66
00300 OXYGEN, DISSOLVED MG/L	06/23/82-02/04/91	21	11.2	11.31	15.	6.3	4.047	2.012	9.52	9.85	12.9	14.08
00340 COD, .25N K2CR2O7 MG/L	06/23/82-09/25/95	25	9.	10.9	38.	2.5	87.833	9.372	3.6	5.	10.	28.6
00400 PH (STANDARD UNITS)	06/23/82-09/25/95	38	8.35	8.302	10.2	7.2	0.396	0.629	7.581	7.79	8.628	8.92
00400 CONVERTED PH (STANDARD UNITS)	06/23/82-09/25/95	38	8.347	7.955	10.2	7.2	0.519	0.72	7.581	7.79	8.628	8.92
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/82-09/25/95	38	0.004	0.011	0.063	0.	0.	0.015	0.001	0.002	0.016	0.026
00500 RESIDUE, TOTAL (MG/L)	06/23/82-05/11/83	12	306.	298.333	357.	199.	1716.97	41.436	216.7	276.25	322.75	352.2
00505 RESIDUE, TOTAL VOLATILE (MG/L)	06/23/82-05/11/83	12	67.5	62.583	80.	33.	215.174	14.669	36.6	49.25	73.	79.1
00510 RESIDUE, TOTAL FIXED (MG/L)	06/23/82-05/11/83	12	231.	235.75	324.	151.	1936.205	44.002	167.2	211.75	249.75	315.6
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/82-05/11/83	12	9.	11.25	27.	2.5	72.705	8.527	2.5	5.25	19.75	26.1
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/23/82-05/11/83	12	4.	4.25	9.	2.	4.705	2.169	2.	2.5	5.	8.4
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	06/23/82-05/11/83	12	5.	7.417	20.	0.	43.311	6.581	0.75	2.875	12.25	19.7
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/82-05/11/83	12	0.1	0.133	0.5	0.05	0.017	0.129	0.05	0.05	0.188	0.41
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/82-05/11/83	12	0.03	0.048	0.12	0.02	0.001	0.03	0.023	0.03	0.065	0.111
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/23/82-05/11/83	12	2.1	2.039	3.4	1.1	0.378	0.615	1.13	1.603	2.3	3.13
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/82-05/11/83	12	0.325	0.413	1.	0.1	0.067	0.259	0.13	0.2	0.575	0.91
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/23/82-05/11/83	12	0.035	0.045	0.12	0.01	0.001	0.032	0.01	0.03	0.05	0.111
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/23/82-05/11/83	7	0.03	0.046	0.12	0.01	0.002	0.042	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/29/92-09/25/95	13	3.	4.046	10.6	1.3	8.773	2.962	1.54	2.2	4.2	10.44
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/17/88-09/25/95	25	198.	180.64	230.	19.	3342.657	57.816	70.8	172.	222.	225.4
00940 CHLORIDE, TOTAL IN WATER MG/L	07/21/82-05/11/83	11	27.	28.818	51.	9.	123.164	11.098	11.2	22.	35.	48.8
01002 ARSENIC, TOTAL (UG/L AS AS)	06/23/82-09/29/92	7##	2.5	3.357	5.	1.	2.643	1.626	**	**	**	**
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/01/90-06/25/92	2##	7.25	7.25	12.	2.5	45.125	6.718	**	**	**	**
01012 BERYLLIUM, TOTAL (UG/L AS BE)	09/29/92-09/29/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	06/23/82-09/29/92	18##	0.5	1.472	5.	0.5	2.779	1.667	0.5	0.5	1.5	5.
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-06/25/92	3	2.	1.833	2.5	1.	0.583	0.764	**	**	**	**
01029 CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-06/25/92	3	34.	33.633	34.9	32.	2.203	1.484	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/23/82-09/29/92	18	7.5	12.111	32.	3.	92.928	9.64	3.	5.	24.25	25.7
01042 COPPER, TOTAL (UG/L AS CU)	06/23/82-09/29/92	18	15.	14.444	25.	5.	61.438	7.838	5.	5.	20.	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/27/89-06/25/92	3	107.	111.	189.	37.	5788.	76.079	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/17/88-09/29/92	6	180.	451.333	1220.	70.	236730.667	486.55	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/82-09/29/92	18	5.	6.667	28.	1.	34.824	5.901	1.	4.75	6.75	12.7
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/27/89-06/25/92	3	160.	177.333	225.	147.	1746.333	41.789	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/27/89-05/01/90	2	397.5	397.5	526.	269.	33024.5	181.726	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/17/88-09/29/92	6###	25.	40.417	124.	20.	1680.442	40.993	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/29/92-09/29/92	1###	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/23/82-09/29/92	18###	10.	17.5	60.	5.	280.147	16.738	5.	5.	26.25	51.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/27/89-06/25/92	3	12.	14.867	20.6	12.	24.653	4.965	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/82-09/29/92	18	20.	22.333	60.	5.	212.118	14.564	5.	8.75	30.	48.3
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/27/89-06/25/92	3	230.	221.	273.	160.	3253.	57.035	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/17/88-09/29/92	4###	6.25	6.25	10.	2.5	18.75	4.33	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/27/89-06/25/92	3###	1.	5.267	14.3	0.5	61.263	7.827	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/17/88-09/25/95	26	2600.	3521.154	8000.	50.	9123634.615	3020.535	100.	775.	7000.	8000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/17/88-09/25/95	26	3.415	3.252	3.903	1.699	0.427	0.654	2.	2.889	3.845	3.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1785.163								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	09/29/92-09/29/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/23/82-09/29/92	18###	0.15	0.197	0.9	0.15	0.031	0.177	0.15	0.15	0.15	0.315
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/01/90-06/25/92	2###	0.1	0.1	0.15	0.05	0.005	0.071	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	09/29/92-09/29/92	1	41820.	41820.	41820.	41820.	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0113

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	17	0	0.00	4	0	0.00	9	0	0.00	4	0	0.00	0	0.00	0.00
00300	OXYGEN, DISSOLVED	4.	21	0	0.00	5	0	0.00	11	0	0.00	5	0	0.00	0	0.00	0.00
00400	PH	9.	38	3	0.08	9	0	0.00	20	2	0.10	9	1	0.11			
	Other-Lo Lim.	6.5	38	0	0.00	9	0	0.00	20	0	0.00	9	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	11	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00			
	Fresh Acute	250.	11	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	360.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Fresh Acute	50.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
01012	BERYLLIUM, TOTAL	130.	1	0	0.00	1	0	0.00									
	Fresh Acute	4.	0	0	0.00												
01027	CADMIUM, TOTAL	3.9	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
	Fresh Acute	5.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	100.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	18.	15	6	0.40	4	3	0.75	7	2	0.29	4	1	0.25			
	Fresh Acute	1300.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	82.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
	Fresh Acute	15.	18	1	0.06	4	0	0.00	10	1	0.10	4	0	0.00			
01059	THALLIUM, TOTAL	1400.	1	0	0.00	1	0	0.00									
	Fresh Acute	2.	0	0	0.00												
01067	NICKEL, TOTAL	1400.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
	Fresh Acute	100.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	120.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
	Fresh Acute	5000.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Fresh Acute	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	25	22	0.88	6	5	0.83	14	12	0.86	5	5	1.00			
71900	MERCURY, TOTAL	2.4	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
	Fresh Acute	2.	18	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/82-09/25/95	9	23.	21.567	24.5	16.1	9.557	3.092	16.1	18.5	24.	24.5
00300	OXYGEN, DISSOLVED MG/L	06/23/82-02/04/91	5	9.9	10.84	13.2	9.5	2.563	1.601	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/82-09/25/95	9	8.22	8.353	8.9	7.94	0.119	0.344	7.94	8.11	8.65	8.9
00400	CONVERTED PH (STANDARD UNITS)	06/23/82-09/25/95	9	8.22	8.254	8.9	7.94	0.13	0.36	7.94	8.11	8.65	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/82-09/25/95	9	0.006	0.006	0.011	0.001	0.	0.003	0.001	0.003	0.008	0.011

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/82-09/25/95	20	12.35	12.195	16.9	7.6	6.475	2.545	8.73	10.05	14.	15.97
00300	OXYGEN, DISSOLVED MG/L	06/23/82-02/04/91	11	11.8	11.982	14.2	9.6	2.092	1.446	9.68	11.2	13.	14.08
00400	PH (STANDARD UNITS)	06/23/82-09/25/95	20	8.455	8.319	10.2	7.25	0.456	0.675	7.6	7.7	8.663	9.059
00400	CONVERTED PH (STANDARD UNITS)	06/23/82-09/25/95	20	8.455	7.951	10.2	7.25	0.599	0.774	7.6	7.7	8.662	9.059
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/82-09/25/95	20	0.004	0.011	0.056	0.	0.	0.014	0.001	0.002	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/82-09/25/95	9	20.	20.833	26.9	16.	9.547	3.09	16.	18.85	22.55	26.9
00300	OXYGEN, DISSOLVED MG/L	06/23/82-02/04/91	5	10.2	10.3	15.	6.3	9.65	3.106	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/82-09/25/95	9	8.13	8.211	9.8	7.2	0.615	0.784	7.2	7.605	8.68	9.8
00400	CONVERTED PH (STANDARD UNITS)	06/23/82-09/25/95	9	8.13	7.786	9.8	7.2	0.818	0.905	7.2	7.605	8.68	9.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/82-09/25/95	9	0.007	0.016	0.063	0.	0.	0.021	0.	0.002	0.027	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0114

NPS Station ID: BLRI0114 LAT/LON: 37.179170/ -79.936671
 Location: OFF RT. 220 S OF ROANOKE AT RED HILL CHURCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4ABAA010.39
 Within Park Boundary: No

Date Created: 05/01/93

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: BACK CREEK SECTION: 06A TOPO MAP #: 0027 TOPO MAP NAME: GARDEN CITY, VA

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0115

NPS Station ID: BLRI0115
 Location: ROANOKE RIVER AT ROANOKE, VA
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin:
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 02080201002701.53
 Description:

LAT/LON: 37.258337/ -79.938892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 14.83

Agency: 112WRD
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 02055000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	120	13.25	13.49	28.	0.	60.429	7.774	2.55	7.	20.725	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/78-03/08/78	1	-1.	-1.	-1.	0.	0.	**	**	**	**	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	97	190.	397.835	8305.	8.	785725.389	886.412	75.	105.	405.	708.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	104	285.	508.827	8315.	1.	1200944.047	1095.876	71.5	126.75	450.25	975.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	117	3.	7.761	95.	0.	179.701	13.405	1.	1.5	8.	16.
00080	COLOR (PLATINUM-COBALT UNITS)	04/01/29-03/24/68	17	5.	5.118	8.	3.	3.11	1.764	3.	3.5	6.5	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	133	305.	304.241	461.	114.	3868.411	62.197	222.	259.	350.	380.
00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	118	9.4	9.746	16.2	5.6	5.287	2.299	7.19	7.8	11.3	12.91
00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	119	1.4	1.765	12.	0.	2.859	1.691	0.2	0.7	2.2	4.
00335	COD, .025N K2CR2O7 MG/L	03/13/74-02/11/75	11	8.	7.818	22.	0.	33.364	5.776	0.4	4.	10.	19.8
00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	93	8.	12.054	140.	0.	329.964	18.165	2.	4.5	11.	25.6
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	135	7.7	7.641	9.4	5.8	0.359	0.6	6.8	7.3	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	135	7.7	7.183	9.4	5.8	0.571	0.756	6.8	7.3	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	135	0.02	0.066	1.585	0.	0.025	0.159	0.005	0.01	0.05	0.158
00405	CARBON DIOXIDE (MG/L AS CO2)	03/13/74-12/13/78	20	5.25	13.205	64.	0.3	250.016	15.812	0.47	1.6	23.75	27.9
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/24/68-12/13/78	21	120.	123.857	160.	82.	745.029	27.295	90.4	99.	155.5	160.
00440	BICARBONATE ION (MG/L AS HCO3)	04/01/29-12/13/78	37	168.	156.676	217.	73.	1183.614	34.404	111.6	125.5	187.5	195.2
00445	CARBONATE ION (MG/L AS CO3)	04/01/29-12/13/78	20	0.	0.1	2.	0.	0.2	0.447	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	117	0.66	0.701	2.9	0.18	0.146	0.382	0.318	0.435	0.925	1.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	116	0.23	0.275	2.1	0.	0.072	0.269	0.09	0.16	0.31	0.409
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	117	0.02	0.038	0.21	0.005	0.002	0.044	0.005	0.01	0.05	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	117	0.25	0.31	2.2	0.03	0.08	0.283	0.098	0.17	0.34	0.526
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	117	0.38	0.393	1.	0.01	0.062	0.249	0.08	0.185	0.585	0.752
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/24/68-03/24/68	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	117	0.02	0.043	0.69	0.005	0.007	0.083	0.01	0.01	0.04	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	108	3.75	4.812	22.	0.4	15.178	3.896	1.79	2.325	5.95	9.4
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/01/29-03/24/68	17	161.	153.529	211.	70.	1276.265	35.725	104.4	118.5	179.	193.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/20/47-03/24/68	16	20.	20.125	32.	10.	36.117	6.01	11.4	14.25	24.75	28.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/01/29-03/24/68	17	37.	35.765	50.	18.	61.691	7.854	25.2	28.5	40.5	46.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/13/74-03/13/74	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/01/29-03/24/68	17	16.	15.594	25.	6.1	20.513	4.529	10.02	11.5	18.5	21.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/13/74-03/13/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/01/29-03/13/74	18	6.6	7.383	16.	2.8	13.806	3.716	3.16	4.	10.	12.4
00931	SODIUM ADSORPTION RATIO	03/24/68-03/24/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/68-03/24/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/01/29-03/24/68	6	2.05	2.067	3.	1.1	0.471	0.686	**	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	03/13/74-03/13/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/01/29-12/13/78	37	7.	8.216	22.	3.	14.841	3.852	4.	6.	10.	13.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00945	SULFATE, TOTAL (MG/L AS SO4)	04/01/29-12/13/78	37	21.	21.405	36.	12.	38.026	6.166	13.8	15.	26.5	29.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/45-03/24/68	17	0.1	0.094	0.2	0.	0.003	0.056	0.	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/01/29-03/24/68	17	5.9	5.753	8.2	1.2	3.139	1.772	2.64	4.95	7.05	7.88
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/25/74-11/03/76	57	1018.	2569.404	31000.	60.	21158704.424	4599.859	310.8	503.	3010.	5760.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	06/25/74-11/03/76	57	3.008	3.068	4.491	1.778	0.292	0.541	2.492	2.702	3.479	3.76
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1170.321								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	85	350.	562.459	4300.	10.	522235.799	722.659	82.8	211.5	625.	1013.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	85	2.544	2.523	3.633	1.	0.234	0.484	1.906	2.325	2.796	3.006
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			333.062								
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	02/07/76-02/21/79	32	735.	3008.688	19200.	20.	24134131.577	4912.65	107.	245.	3900.	12890.
31625	LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	02/07/76-02/21/79	32	2.866	2.926	4.283	1.301	0.562	0.749	2.001	2.389	3.591	4.108
31625	GM FECAL COLIFORM, MF, M-FC, 0.7 UM	GEOMETRIC MEAN =			843.311								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	116	252.5	1320.621	50100.	2.	28082512.307	5299.294	23.4	78.25	617.5	1764.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	116	2.402	2.351	4.7	0.301	0.563	0.75	1.369	1.893	2.79	3.243
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			224.445								
32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	91	0.002	0.007	0.093	0.	0.	0.014	0.	0.	0.006	0.017
32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	91	0.	0.007	0.17	0.	0.001	0.026	0.	0.	0.002	0.014
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/01/29-02/21/79	128	186.	182.391	289.	53.	1399.531	37.41	134.9	157.25	207.5	224.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/24/68-03/24/68	1	131.	131.	131.	131.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	111	92.3	146.823	1770.	3.82	35903.414	189.482	40.32	56.7	188.	278.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	112	0.25	0.247	0.39	0.07	0.003	0.051	0.183	0.21	0.28	0.3
70953	CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/26/78-02/21/79	20	3.6	3.69	9.4	0.	10.83	3.291	0.	0.025	6.325	8.65
70954	CHLOROPHYLL-B, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/26/78-02/21/79	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71851	NITRATE NITROGEN, TOTAL, AS NO3 - MG/L	04/01/29-03/24/68	17	3.2	3.618	6.8	1.1	3.113	1.764	1.66	2.05	5.25	6.32
71885	IRON (UG/L AS FE)	04/01/29-03/24/68	17	20.	27.647	60.	0.	281.618	16.781	0.	20.	40.	52.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	117	2.9	3.107	13.	0.8	2.89	1.7	1.4	1.9	4.1	4.82
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	113	13.	38.053	1076.	1.	13940.89	118.072	4.	6.5	32.	60.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	107	5.8	244.616	21600.	0.4	4377286.251	2092.197	1.28	2.3	20.	87.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0115

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	117	3	0.03	35	1	0.03	51	1	0.02	31	1	0.03			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	118	0	0.00	36	0	0.00	51	0	0.00	31	0	0.00			
00400	PH	Other-Hi Lim.	9.	135	3	0.02	42	0	0.00	59	1	0.02	34	2	0.06			
		Other-Lo Lim.	6.5	135	7	0.05	42	3	0.07	59	4	0.07	34	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	117	0	0.00	35	0	0.00	51	0	0.00	31	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	37	0	0.00	11	0	0.00	18	0	0.00	8	0	0.00			
		Drinking Water	250.	37	0	0.00	11	0	0.00	18	0	0.00	8	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	37	0	0.00	11	0	0.00	18	0	0.00	8	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	17	0	0.00	6	0	0.00	8	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	57	32	0.56	21	11	0.52	22	10	0.45	14	11	0.79			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	85	72	0.85	29	26	0.90	32	24	0.75	24	22	0.92			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	32	27	0.84	6	6	1.00	20	15	0.75	6	6	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	17	0	0.00	6	0	0.00	8	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1945 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	224.	224.	224.	224.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	147.	147.	147.	147.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	195.	195.	195.	195.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	188.	188.	188.	188.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	9	240.	472.444	2060.	95.	390056.028	624.545	95.	141.	557.5	2060.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	9	290.	277.556	370.	152.	4719.278	68.697	152.	232.5	337.	370.
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	9	7.4	7.4	8.1	6.6	0.27	0.52	6.6	6.95	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	9	7.4	7.13	8.1	6.6	0.352	0.593	6.6	6.95	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	9	0.04	0.074	0.251	0.008	0.008	0.089	0.008	0.015	0.131	0.251
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	9	172.	168.333	224.	94.	1569.25	39.614	94.	142.5	199.5	224.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	396.	396.	396.	396.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	220.	220.	220.	220.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	461.	461.	461.	461.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	263.	263.	263.	263.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	214.	214.	214.	214.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	200.	200.	200.	200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	1	536.	536.	536.	536.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	1	132.	132.	132.	132.	0.	0.	**	**	**	**
70302 SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	1	191.	191.	191.	191.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	21	12.5	14.205	23.	1.	33.83	5.816	7.4	9.5	19.5	21.76
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	19	240.	266.947	862.	8.	47478.83	217.896	25.	89.	410.	520.
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	8	102.5	160.875	410.	25.	20806.696	144.245	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	20	7.	9.3	40.	1.	77.589	8.808	1.3	5.	10.	20.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	20	335.5	334.95	428.	245.	1902.471	43.617	261.6	310.	368.75	380.
00300 OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	20	9.	9.16	12.	6.4	2.046	1.43	7.13	8.275	10.175	11.16
00310 BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	20	2.3	2.46	4.6	0.	0.877	0.937	1.62	2.	3.075	3.67
00340 COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	9	11.	11.333	28.	4.	45.5	6.745	4.	7.5	11.5	28.
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	20	7.3	7.3	8.4	6.5	0.249	0.499	6.62	6.9	7.6	8.
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	20	7.3	7.071	8.4	6.5	0.305	0.552	6.62	6.9	7.6	8.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	20	0.05	0.085	0.316	0.004	0.007	0.085	0.01	0.025	0.126	0.242
00600 NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	20	0.5	0.57	1.1	0.2	0.073	0.271	0.28	0.35	0.76	1.09
00605 NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	19	0.22	0.232	0.66	0.03	0.026	0.16	0.03	0.1	0.33	0.43
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	20	0.035	0.043	0.11	0.005	0.002	0.039	0.005	0.006	0.085	0.1
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	20	0.24	0.26	0.66	0.03	0.026	0.16	0.045	0.145	0.348	0.475
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	20	0.205	0.307	0.97	0.01	0.063	0.251	0.062	0.113	0.45	0.671
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	20	0.02	0.031	0.1	0.01	0.001	0.026	0.01	0.013	0.038	0.079
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	14	2.35	4.443	22.	1.	36.064	6.005	1.15	1.6	3.4	18.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	19	246.	289.105	1420.	10.	99321.988	315.154	16.	101.	330.	580.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	19	2.391	2.199	3.152	1.	0.34	0.583	1.204	2.004	2.519	2.763
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	19	2.391	2.199	3.152	1.	0.34	0.583	1.204	2.004	2.519	2.763
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	19	24.	81.368	334.	2.	10425.023	102.103	2.	12.	108.	325.
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	19	1.38	1.537	2.524	0.301	0.428	0.654	0.301	1.079	2.033	2.512
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	19	1.38	1.537	2.524	0.301	0.428	0.654	0.301	1.079	2.033	2.512
32230 CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	19	0.009	0.019	0.093	0.	0.001	0.025	0.	0.004	0.026	0.079
32231 CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	19	0.008	0.029	0.17	0.	0.002	0.05	0.	0.005	0.042	0.16
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/01/29-02/21/79	19	186.	196.158	275.	145.	1295.696	35.996	154.	167.	229.	249.
70302 SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	18	99.2	136.884	337.	3.82	11270.418	106.162	10.462	49.85	237.	286.6
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	19	0.25	0.267	0.37	0.2	0.002	0.048	0.21	0.23	0.31	0.34
71887 NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	20	2.2	2.495	4.7	0.9	1.35	1.162	1.2	1.575	3.375	4.67
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	17	14.	30.176	119.	2.	1188.404	34.473	3.6	7.	49.	93.4
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	14	5.9	31.739	277.	0.41	5295.377	72.769	0.42	2.425	23.75	170.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	25	15.	14.76	27.	3.	50.794	7.127	4.6	8.5	21.75	24.
00060 FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	25	360.	830.96	8305.	93.	2648991.123	1627.572	96.4	173.5	822.5	1763.
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	24	457.5	900.	8315.	145.	2641441.304	1625.251	200.	355.	881.25	1572.5
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	25	3.	8.92	70.	0.	248.327	15.758	0.6	1.5	10.	30.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	25	290.	279.48	380.	114.	3862.343	62.148	194.	247.5	335.	352.8
00300 OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	25	9.2	9.396	12.2	7.1	2.795	1.672	7.46	7.8	11.	11.92
00310 BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	25	1.2	1.516	4.6	0.	1.719	1.311	0.1	0.5	1.85	4.34
00340 COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	25	8.	7.56	16.	2.	11.507	3.392	3.2	5.	8.	13.4
00400 PH (STANDARD UNITS)	09/05/45-02/21/79	25	7.8	7.628	8.9	6.4	0.406	0.637	6.56	7.35	8.	8.34
00400 CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	25	7.8	7.163	8.9	6.4	0.632	0.795	6.56	7.35	8.	8.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	25	0.016	0.069	0.398	0.001	0.013	0.112	0.006	0.01	0.045	0.277
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	25	0.73	0.817	1.7	0.31	0.134	0.366	0.316	0.545	1.05	1.32
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	25	0.31	0.368	0.94	0.08	0.045	0.213	0.166	0.24	0.4	0.774
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	25	0.04	0.075	0.21	0.005	0.005	0.07	0.005	0.008	0.15	0.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	25	0.38	0.442	1.1	0.08	0.062	0.248	0.166	0.27	0.555	0.856
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	25	0.34	0.376	0.77	0.04	0.048	0.22	0.1	0.19	0.575	0.754
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	25	0.04	0.044	0.2	0.01	0.002	0.039	0.01	0.02	0.06	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	25	4.	5.524	16.	1.6	14.255	3.776	1.98	2.6	8.7	11.08
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	24	490.	607.542	2640.	48.	283723.65	532.657	188.5	280.	822.5	1162.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	24	2.69	2.655	3.422	1.681	0.126	0.355	2.275	2.447	2.915	3.065
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			451.654								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	24	220.5	389.75	2600.	10.	319986.543	565.674	22.	62.5	365.	1075.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	24	2.342	2.245	3.415	1.	0.365	0.604	1.312	1.774	2.561	3.028
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			175.625								
32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	24	0.003	0.005	0.049	0.	0.	0.01	0.	0.	0.007	0.013
32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	24	0.	0.003	0.07	0.	0.	0.014	0.	0.	0.	0.001
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/01/29-02/21/79	20	185.	176.5	248.	53.	1761.632	41.972	134.5	148.	204.75	216.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	20	159.5	180.295	476.	48.2	17516.277	132.349	48.91	54.825	247.5	428.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	20	0.255	0.241	0.34	0.07	0.003	0.058	0.181	0.2	0.28	0.299
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	25	3.2	3.62	7.3	1.4	2.576	1.605	1.4	2.4	4.7	5.82
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	25	24.	29.76	149.	5.	953.023	30.871	5.	7.	41.5	63.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	22	14.	40.05	239.	2.3	3348.785	57.869	2.7	4.575	47.	131.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	22	17.75	14.864	25.	2.5	59.433	7.709	3.3	6.75	21.	23.7
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	22	158.	198.409	490.	46.	15931.682	126.221	54.	108.75	309.	409.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	21	315.	345.857	1050.	1.	45396.429	213.064	130.2	197.5	432.	570.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	22	2.	3.636	10.	1.	9.385	3.064	1.	1.	7.	9.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	22	298.5	304.727	390.	220.	2311.827	48.081	243.	263.25	350.	374.
00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	22	9.	10.032	16.2	7.3	5.998	2.449	7.73	8.	11.725	13.63
00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	23	1.1	1.861	12.	0.	6.393	2.529	0.22	0.6	2.	4.72
00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	21	7.	9.095	31.	2.	52.29	7.231	2.4	5.	10.	23.6
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	22	7.6	7.5	9.4	6.3	0.385	0.62	6.52	7.15	7.725	7.94
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	22	7.6	7.12	9.4	6.3	0.536	0.732	6.52	7.15	7.725	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	22	0.025	0.076	0.501	0.	0.016	0.127	0.012	0.019	0.072	0.326
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	22	0.475	0.497	0.87	0.18	0.042	0.204	0.206	0.345	0.692	0.786
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	22	0.185	0.171	0.32	0.	0.007	0.084	0.015	0.125	0.243	0.267
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	22	0.02	0.027	0.06	0.005	0.	0.018	0.007	0.01	0.043	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	22	0.215	0.199	0.36	0.05	0.007	0.084	0.059	0.138	0.26	0.304
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	22	0.265	0.3	0.68	0.04	0.042	0.204	0.05	0.1	0.483	0.604
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	22	0.02	0.021	0.05	0.01	0.	0.013	0.01	0.01	0.033	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	21	3.3	3.219	6.2	1.	2.308	1.519	1.48	2.	4.1	5.84
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	22	245.	600.591	4040.	31.	901994.158	949.734	43.2	179.5	647.5	2130.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	22	2.388	2.463	3.606	1.491	0.274	0.523	1.623	2.244	2.811	3.273
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			290.137								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	22	215.	318.955	870.	45.	79474.426	281.912	50.	76.	650.	721.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	22	2.331	2.302	2.94	1.653	0.205	0.453	1.699	1.88	2.813	2.858
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			200.264								
32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	21	0.	0.003	0.028	0.	0.	0.007	0.	0.	0.003	0.013
32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	21	0.	0.001	0.009	0.	0.	0.002	0.	0.	0.	0.003
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/01/29-02/21/79	22	178.	175.409	220.	130.	757.491	27.523	138.6	150.25	194.	214.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	22	71.25	87.477	195.	25.5	2245.31	47.385	27.72	56.675	121.75	174.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	22	0.24	0.239	0.3	0.18	0.001	0.038	0.19	0.205	0.265	0.29

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	22	2.1	2.205	3.9	0.8	0.811	0.901	0.93	1.575	3.1	3.48
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	20	10.5	13.6	42.	2.	113.621	10.659	3.1	5.5	17.5	32.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	20	3.55	8.144	35.	0.58	113.969	10.676	0.929	2.2	7.9	32.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	24	13.25	13.729	28.	0.5	74.456	8.629	0.75	6.125	22.	25.
00060	FLOW, STREAM, MEAN DAILY CFS	04/01/29-07/20/77	14	137.	204.214	720.	50.	34813.412	186.584	62.5	78.	262.	600.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	24	115.	217.125	1060.	46.	58533.332	241.937	54.	72.5	278.	586.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	23	2.	3.87	35.	1.	50.028	7.073	1.	3.	7.6	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	24	307.5	309.375	395.	200.	3398.853	58.3	215.	261.25	360.	377.5
00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	25	9.6	9.628	15.2	5.7	7.326	2.707	6.54	7.2	11.35	14.12
00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	25	1.4	1.824	7.9	0.1	2.829	1.682	0.44	0.85	1.8	4.26
00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	15	5.	14.8	140.	0.	1225.314	35.004	0.6	3.	10.	68.6
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	24	8.	7.946	9.	5.8	0.415	0.644	7.15	7.725	8.275	8.75
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	24	8.	7.083	9.	5.8	1.191	1.091	7.15	7.725	8.275	8.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	24	0.01	0.083	1.585	0.001	0.103	0.321	0.002	0.005	0.019	0.095
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.56	0.677	2.	0.31	0.149	0.386	0.344	0.41	0.94	1.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.21	0.283	1.7	0.1	0.103	0.32	0.11	0.16	0.28	0.424
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.01	0.022	0.06	0.005	0.	0.018	0.005	0.01	0.03	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	23	0.23	0.304	1.7	0.11	0.102	0.319	0.128	0.18	0.32	0.464
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	23	0.33	0.371	1.	0.01	0.065	0.254	0.05	0.19	0.53	0.766
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	23	0.02	0.056	0.69	0.005	0.021	0.143	0.005	0.01	0.04	0.134
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	22	4.8	6.077	21.	0.8	25.854	5.085	1.3	2.6	7.575	15.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	20	465.	726.1	4300.	300.	767180.621	875.888	301.	327.5	808.	1029.7
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	20	2.667	2.737	3.633	2.477	0.078	0.28	2.479	2.515	2.907	3.013
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/13/74-10/12/77	20	546.12									
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	25	421.	3049.16	50100.	28.	99447766.557	9972.35	41.8	275.	978.5	6160.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	25	2.624	2.689	4.7	1.447	0.563	0.751	1.603	2.439	2.979	3.778
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/13/74-02/21/79	25	488.436									
32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	20	0.001	0.002	0.007	0.	0.	0.002	0.	0.	0.005	0.006
32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	20	0.	0.001	0.005	0.	0.	0.001	0.	0.	0.001	0.002
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/01/29-02/21/79	23	193.	190.391	289.	128.	1289.431	35.909	136.4	159.	217.	222.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	23	62.7	101.317	372.	27.7	7380.75	85.911	30.54	41.3	121.	244.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	23	0.26	0.259	0.39	0.17	0.002	0.049	0.188	0.22	0.3	0.3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	23	2.5	2.991	9.	1.4	2.944	1.716	1.54	1.8	4.2	4.82
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	24	10.	41.167	648.	2.	16875.275	129.905	2.5	6.	21.75	46.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	24	2.8	86.339	1860.	0.75	142990.107	378.14	0.94	1.65	10.825	57.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	23	12.	12.283	24.5	0.	71.519	8.457	1.1	3.	21.	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	23	251.	664.261	7440.	66.	2369644.202	1539.365	70.4	129.	419.	1692.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	23	4.	11.87	95.	1.	411.119	20.276	1.	2.	15.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	23	300.	302.	395.	120.	5181.727	71.984	187.	280.	360.	393.
00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	22	10.1	9.85	14.	5.6	6.218	2.494	6.72	7.375	12.175	12.97
00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	22	1.35	1.523	6.5	0.1	2.322	1.524	0.13	0.575	1.7	4.26
00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	19	9.	13.526	70.	2.	269.152	16.406	2.	3.	19.	36.
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	23	7.8	7.791	8.7	6.5	0.304	0.552	7.04	7.6	8.2	8.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	23	7.8	7.423	8.7	6.5	0.446	0.668	7.04	7.6	8.2	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	23	0.016	0.038	0.316	0.002	0.004	0.067	0.003	0.006	0.025	0.092
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.77	0.869	2.9	0.34	0.256	0.506	0.386	0.59	1.	1.22
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.24	0.331	2.1	0.07	0.164	0.405	0.106	0.18	0.31	0.568
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	23	0.01	0.023	0.11	0.005	0.001	0.029	0.005	0.01	0.02	0.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	23	0.28	0.353	2.2	0.08	0.182	0.426	0.112	0.19	0.32	0.632
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	23	0.53	0.52	1.	0.03	0.047	0.218	0.208	0.39	0.65	0.794
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	23	0.03	0.06	0.54	0.01	0.012	0.111	0.01	0.02	0.05	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	22	4.8	4.755	8.7	0.4	5.078	2.253	1.98	2.675	6.525	8.17
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/13/74-02/21/79	22	345.	2521.636	23000.	97.	30993976.242	5567.223	129.	207.5	1095.75	11540.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/13/74-02/21/79	22	2.534	2.787	4.362	1.987	0.44	0.663	2.108	2.317	3.026	4.021
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				611.937								
32230	CHLOROPHYLL A (MG/L)	03/13/74-04/12/78	7	0.001	0.001	0.005	0.	0.	0.002	**	**	**	**
32231	CHLOROPHYLL B (MG/L)	03/13/74-04/12/78	7	0.	0.	0.002	0.	0.	0.001	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	23	178.	178.043	229.	88.	1602.316	40.029	111.	157.	217.	225.
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	23	107.	214.683	1770.	40.1	131399.294	362.49	42.94	74.2	183.	520.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	23	0.24	0.242	0.31	0.12	0.003	0.055	0.154	0.21	0.3	0.31
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	23	3.4	3.865	13.	1.5	5.175	2.275	1.72	2.6	4.4	5.44
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	23	16.	73.609	1076.	1.	49123.249	221.638	2.8	8.	35.	139.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	23	8.	971.839	21600.	0.4	20225199.151	4497.244	1.58	2.7	20.	220.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/68-02/21/79	4	1.25	1.375	3.	0.	1.563	1.25	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/74-02/21/79	4	413.5	569.75	1220.	232.	200230.917	447.472	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/74-02/21/79	4	3.	14.25	50.	1.	569.583	23.866	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/50-02/21/79	4	257.5	260.	305.	220.	2150.	46.368	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/13/74-02/21/79	4	13.2	13.45	16.2	11.2	4.357	2.087	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/13/74-02/21/79	4	0.2	0.25	0.6	0.	0.063	0.252	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/11/74-02/21/79	4	35.	40.	81.	9.	900.	30.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/45-02/21/79	4	7.8	7.825	8.1	7.6	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/45-02/21/79	4	7.755	7.768	8.1	7.6	0.073	0.271	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/45-02/21/79	4	0.018	0.017	0.025	0.008	0.	0.009	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	0.955	0.938	1.1	0.74	0.023	0.153	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	0.065	0.108	0.3	0.	0.019	0.137	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/74-02/21/79	4	0.015	0.019	0.04	0.005	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/74-02/21/79	4	0.09	0.138	0.32	0.05	0.016	0.126	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/13/74-02/21/79	4	0.795	0.825	0.97	0.74	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/13/74-02/21/79	4	0.02	0.035	0.09	0.01	0.001	0.038	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/74-02/21/79	4	3.1	3.375	5.3	2.	1.976	1.406	**	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/13/74-02/21/79	4	545.	892.5	2400.	80.	1146891.667	1070.93	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/13/74-02/21/79	4	2.607	2.624	3.38	1.903	0.447	0.668	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				421.118								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/01/29-02/21/79	4	151.	151.25	181.	122.	750.917	27.403	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	4	164.5	211.	402.	113.	17007.333	130.412	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	4	0.205	0.208	0.25	0.17	0.001	0.039	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/74-02/21/79	4	4.3	4.225	5.	3.3	0.549	0.741	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/74-02/21/79	4	7.5	22.5	73.	2.	1160.333	34.064	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/74-02/21/79	4	9.9	65.275	240.	1.3	13628.543	116.741	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	36	22.	21.167	28.	11.	14.414	3.797	15.45	19.	23.75	25.
00060p	FLOW, STREAM, MEAN DAILY CFS	29	105.	202.483	940.	46.	40796.187	201.981	54.	79.	357.5	500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	40	355.	350.95	428.	245.	1311.587	36.216	301.5	336.25	375.	389.7
00400p	PH (STANDARD UNITS)	42	7.75	7.645	8.4	5.8	0.311	0.558	6.92	7.375	8.1	8.27
00400p	CONVERTED PH (STANDARD UNITS)	42	7.747	7.089	8.4	5.8	0.628	0.793	6.92	7.375	8.1	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	42	0.018	0.082	1.585	0.004	0.064	0.254	0.005	0.008	0.042	0.13
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	160.	144.8	160.	92.	883.2	29.719	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	11	187.	178.091	200.	112.	564.291	23.755	124.	172.	190.	198.4
00445p	CARBONATE ION (MG/L AS CO3)	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	6	8.9	8.6	12.	4.1	7.052	2.656	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	11	9.	9.636	15.	7.	5.455	2.335	7.	8.	11.	14.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	11	27.	25.364	32.	18.	19.655	4.433	18.4	21.	29.	31.4
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	41	212.	206.561	249.	139.	455.452	21.341	177.2	199.	219.5	225.
70302	SOLIDS, DISSOLVED-TONS PER DAY	34	58.25	97.432	376.	25.5	7821.72	88.44	28.5	41.	114.875	231.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	35	0.29	0.281	0.34	0.19	0.001	0.031	0.236	0.27	0.3	0.31

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	52	6.25	6.01	15.	0.	14.809	3.848	0.65	3.	9.	11.
00060p	FLOW, STREAM, MEAN DAILY CFS	40	200.5	405.325	2060.	75.	231007.148	480.632	90.4	142.	436.5	963.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	59	295.	290.525	461.	152.	3660.461	60.502	220.	245.	320.	380.
00400p	PH (STANDARD UNITS)	59	7.6	7.537	9.	6.4	0.394	0.628	6.6	6.9	8.	8.2
00400p	CONVERTED PH (STANDARD UNITS)	59	7.6	7.13	9.	6.4	0.563	0.75	6.6	6.9	8.	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	59	0.025	0.074	0.398	0.001	0.011	0.103	0.006	0.01	0.126	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11	110.	111.545	140.	90.	273.273	16.531	91.	98.	130.	138.
00440p	BICARBONATE ION (MG/L AS HCO3)	18	142.	145.833	217.	73.	1273.088	35.68	106.3	119.75	170.25	203.5
00445p	CARBONATE ION (MG/L AS CO3)	11	0.	0.182	2.	0.	0.364	0.603	0.	0.	0.	1.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	9	5.5	7.322	16.	2.8	21.907	4.68	2.8	3.4	11.	16.
00940p	CHLORIDE, TOTAL IN WATER MG/L	18	6.5	8.5	22.	3.	22.735	4.768	3.9	5.75	11.25	15.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	18	20.	20.611	36.	12.	44.134	6.643	12.9	15.	24.25	32.4
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	55	167.	175.073	289.	94.	1628.698	40.357	131.2	146.	192.	236.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	48	121.	146.546	434.	36.1	10476.642	102.355	52.84	71.9	189.	340.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	48	0.23	0.237	0.39	0.15	0.003	0.052	0.18	0.203	0.26	0.313

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	32	17.5	17.009	24.	9.	16.248	4.031	11.3	14.	20.6	22.05
00060p	FLOW, STREAM, MEAN DAILY CFS	28	265.	589.464	8305.	8.	2338551.813	1529.232	73.6	126.75	487.5	732.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	34	282.5	273.088	355.	114.	3509.295	59.239	187.5	241.5	312.5	339.5
00400p	PH (STANDARD UNITS)	34	7.7	7.818	9.4	6.6	0.329	0.574	7.05	7.5	8.1	8.7
00400p	CONVERTED PH (STANDARD UNITS)	34	7.7	7.51	9.4	6.6	0.427	0.654	7.05	7.5	8.1	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	34	0.02	0.031	0.251	0.	0.002	0.046	0.002	0.008	0.032	0.09
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	140.	130.	160.	82.	1146.5	33.86	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	8	151.	151.625	194.	100.	1137.125	33.721	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	3	5.2	5.133	5.3	4.9	0.043	0.208	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	8	5.5	5.625	8.	3.	2.268	1.506	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	8	17.5	17.75	23.	13.	18.786	4.334	**	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	32	176.5	164.	203.	53.	1092.	33.045	120.9	148.75	186.	193.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

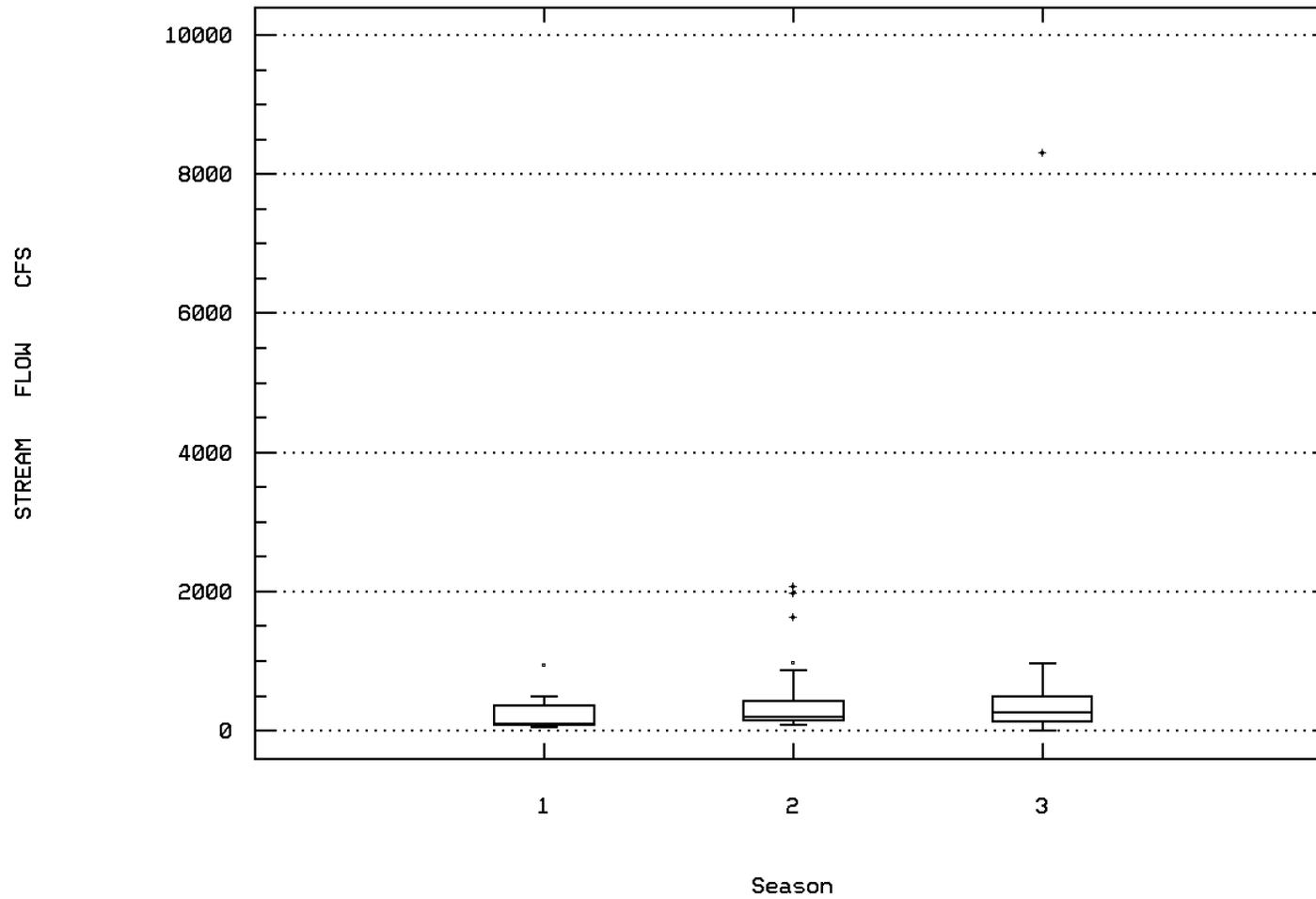
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70302 SOLIDS, DISSOLVED-TONS PER DAY	03/24/68-02/21/79	29	120.	205.187	1770.	3.82	107754.576	328.26	41.2	59.75	226.5	476.
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/24/68-02/21/79	29	0.24	0.223	0.28	0.07	0.002	0.047	0.16	0.195	0.255	0.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0115 Parameter Code: 00060

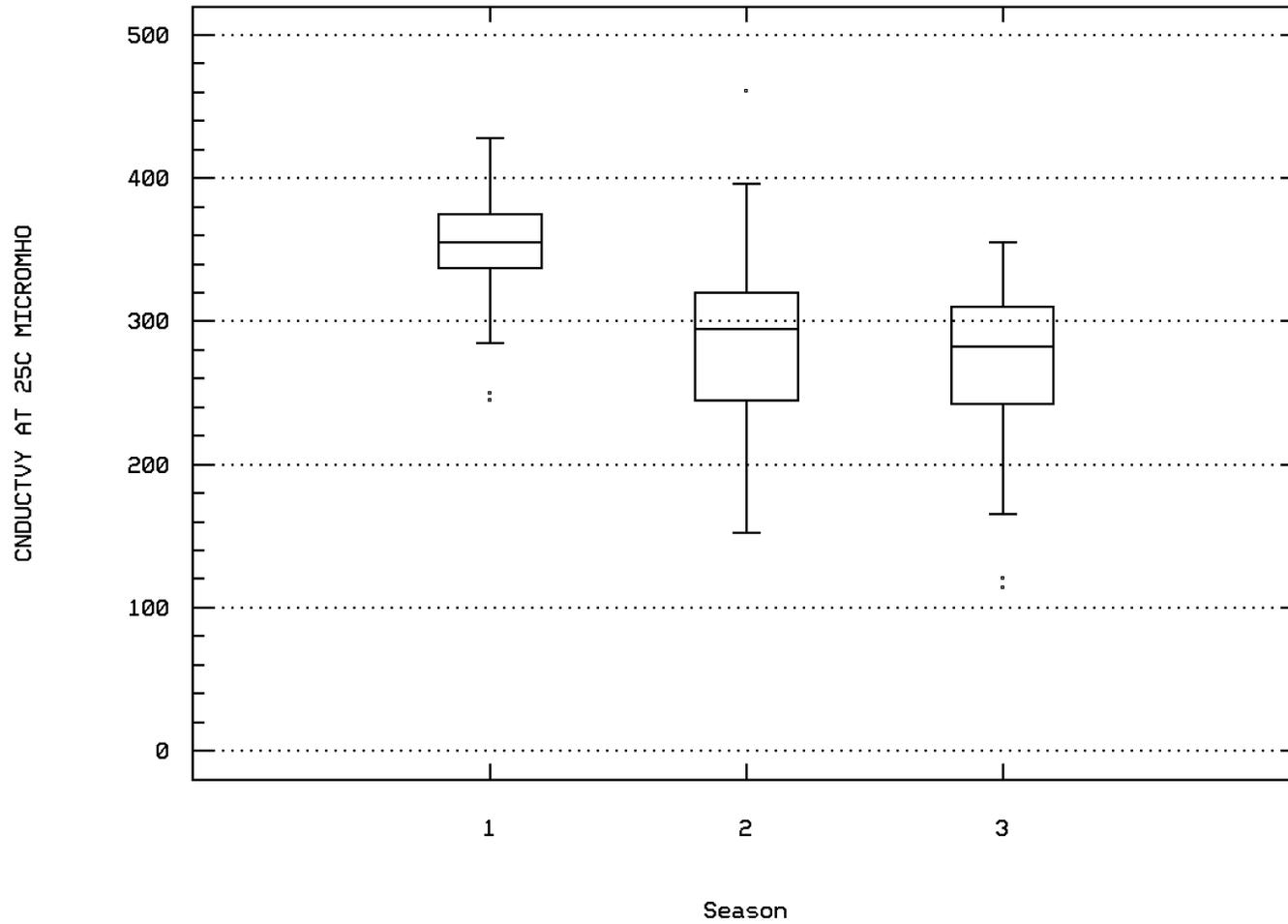
FLOW, STREAM, MEAN DAILY



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00095

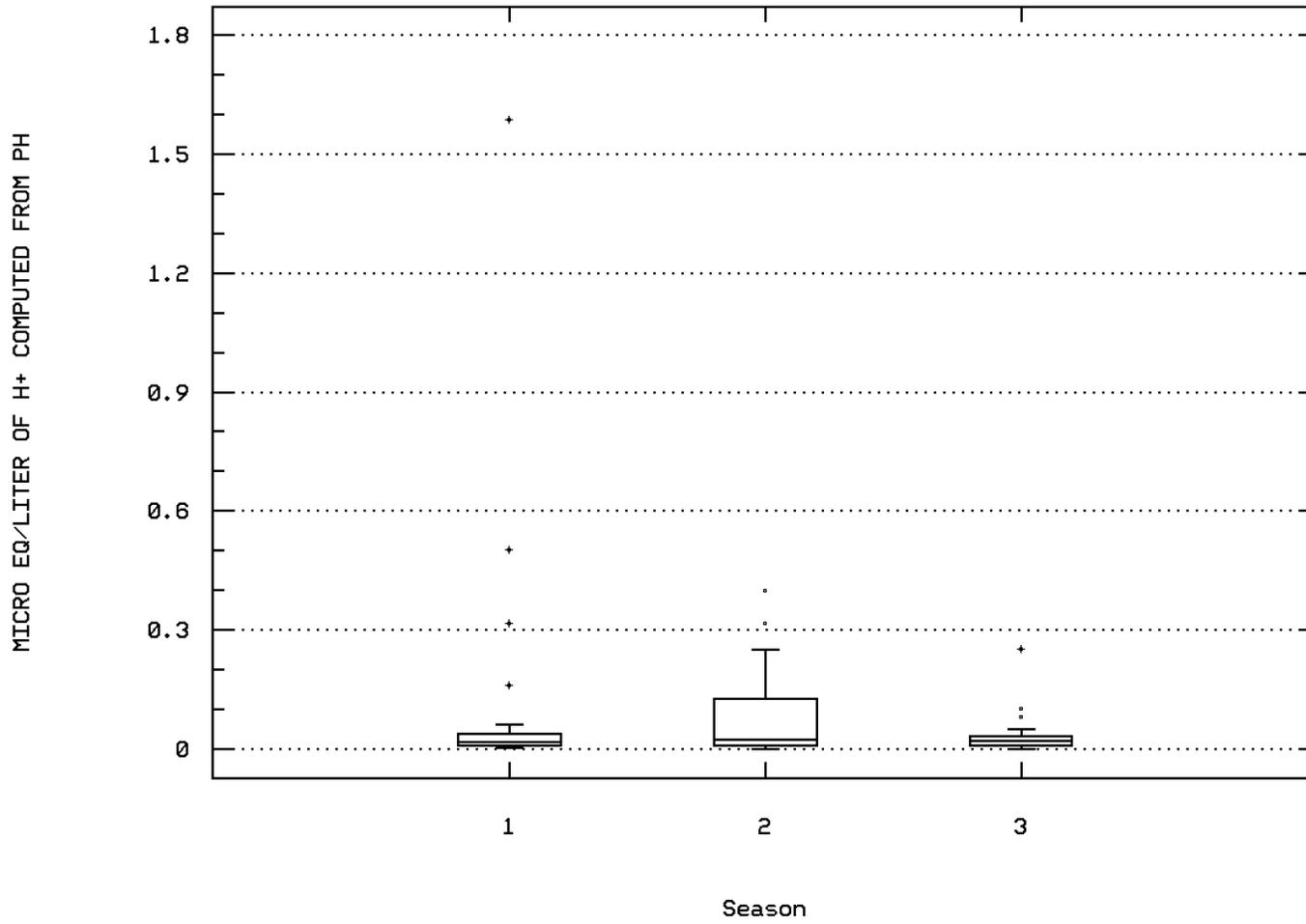
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00400

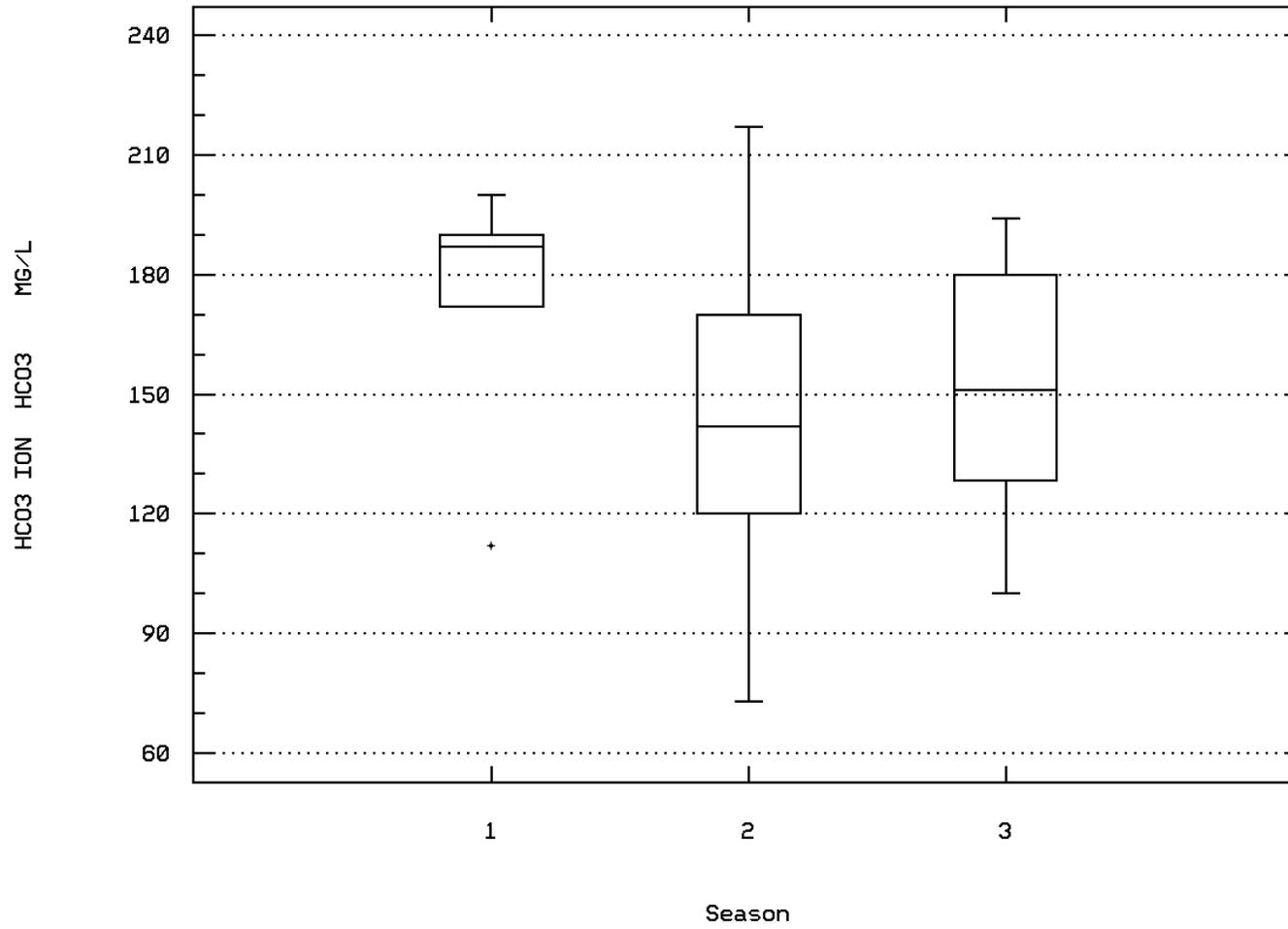
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00440

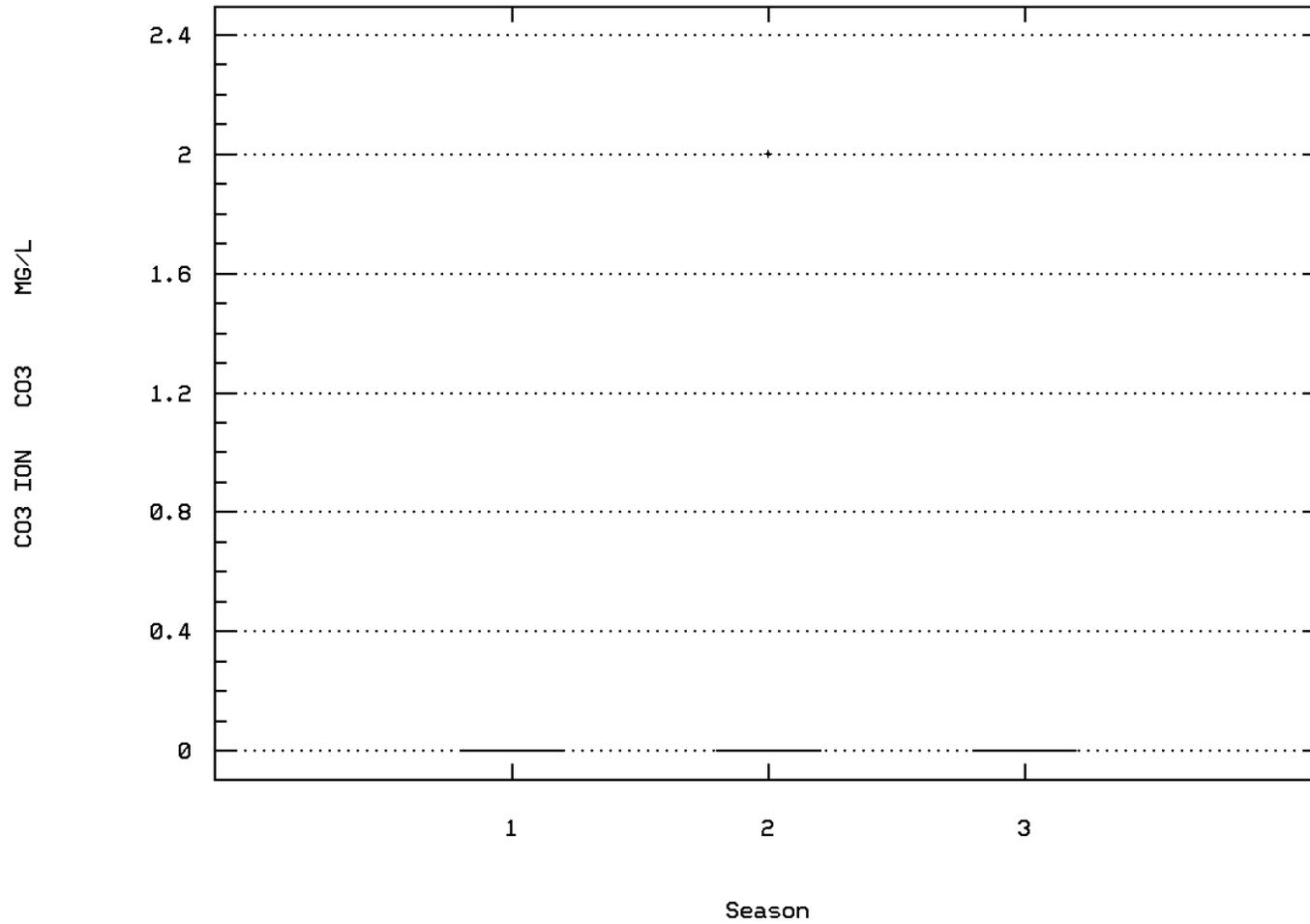
BICARBONATE ION (MG/L AS HCO3)



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00445

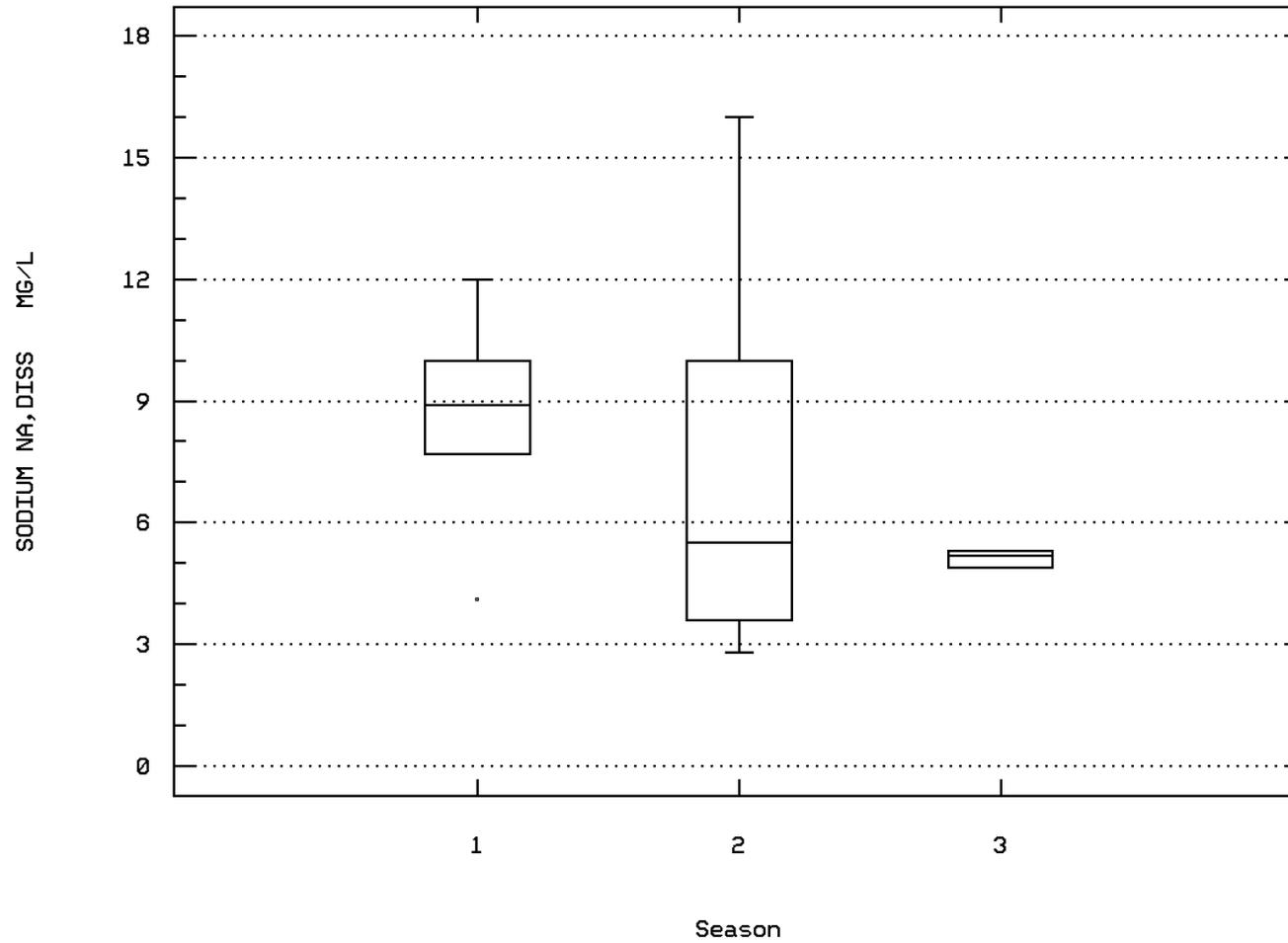
CARBONATE ION (MG/L AS CO3)



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00930

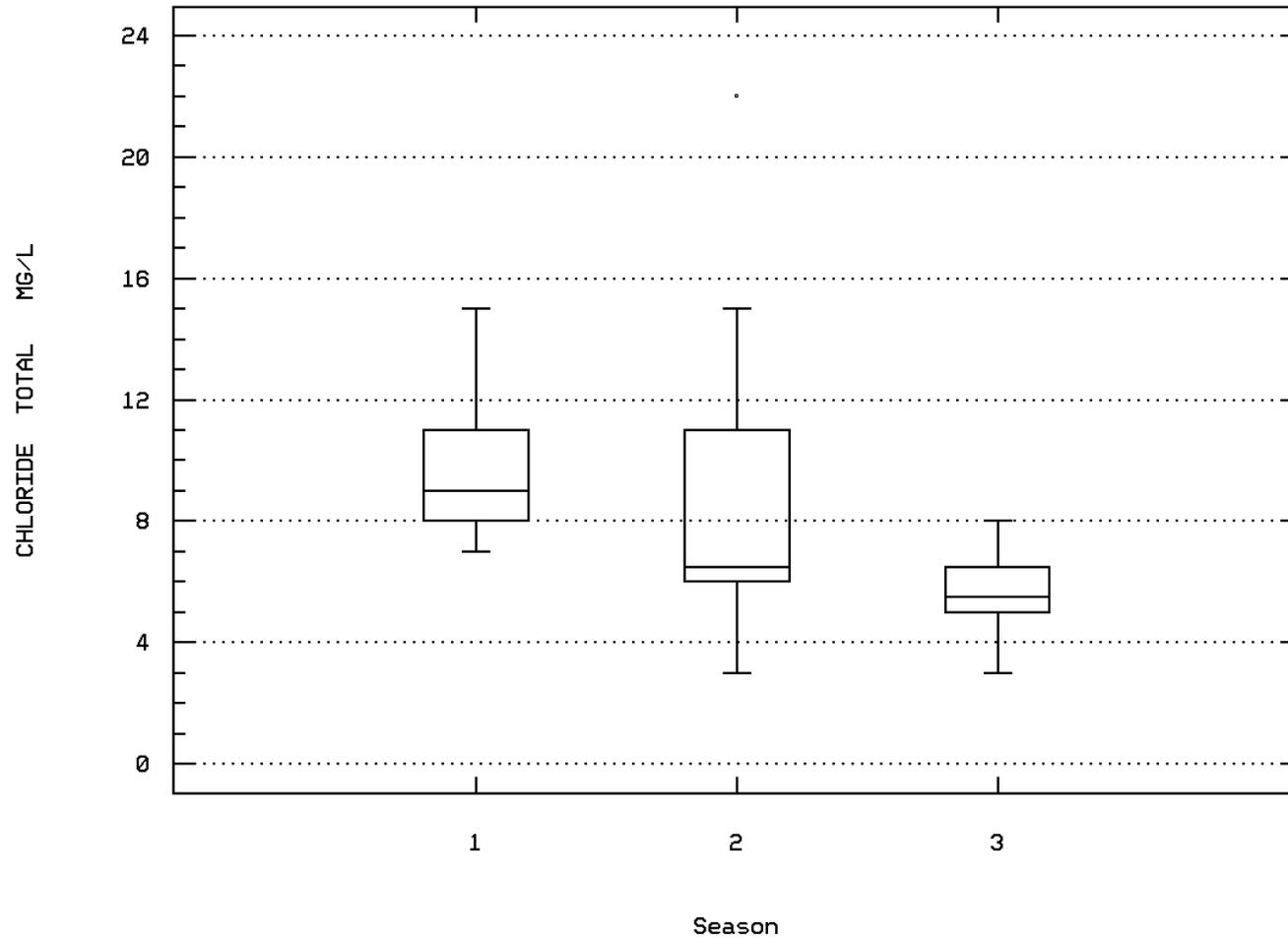
SODIUM, DISSOLVED (MG/L AS NA)



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 00940

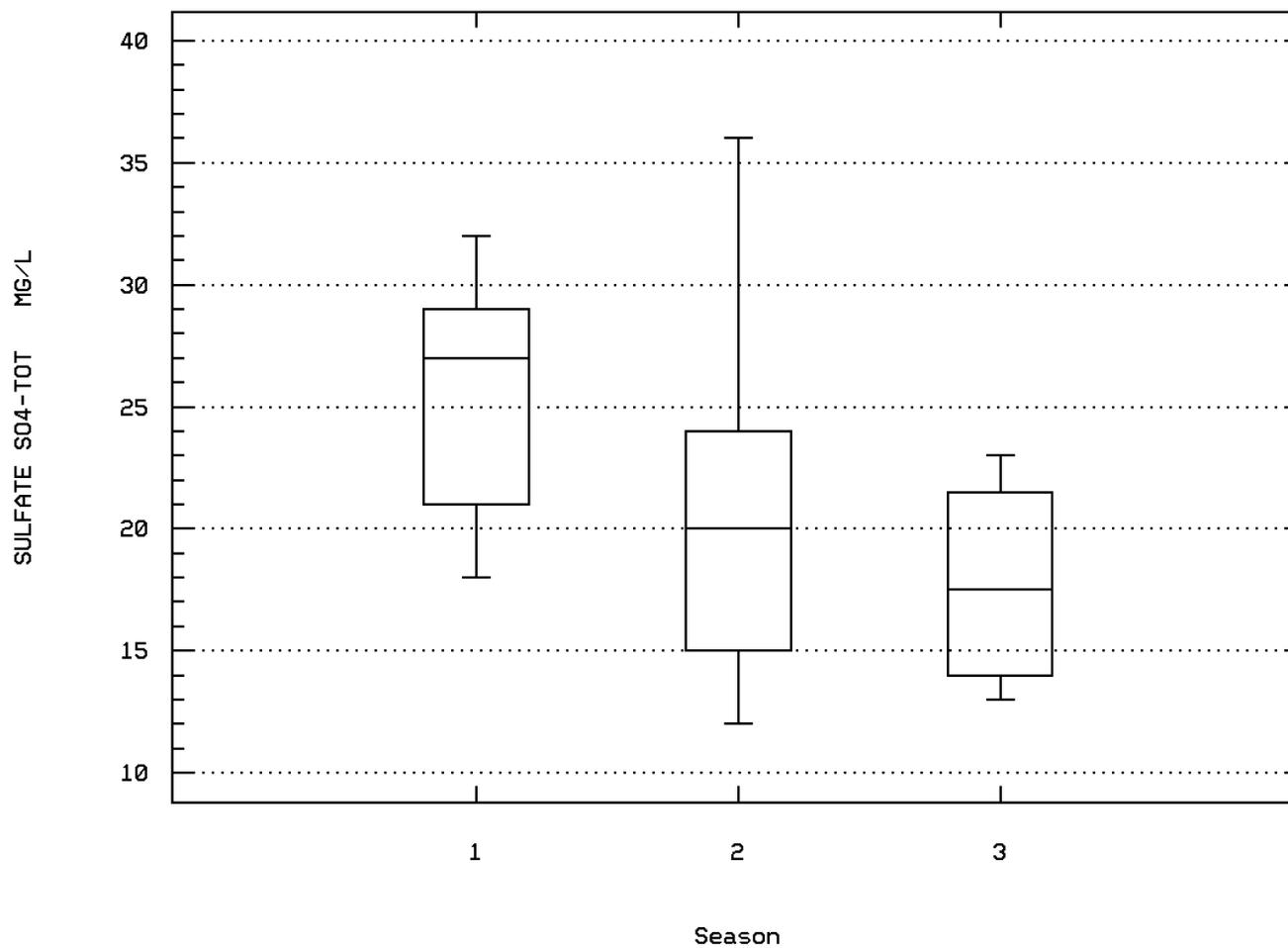
CHLORIDE, TOTAL IN WATER



ROANOKE RIVER AT ROANOKE, VA

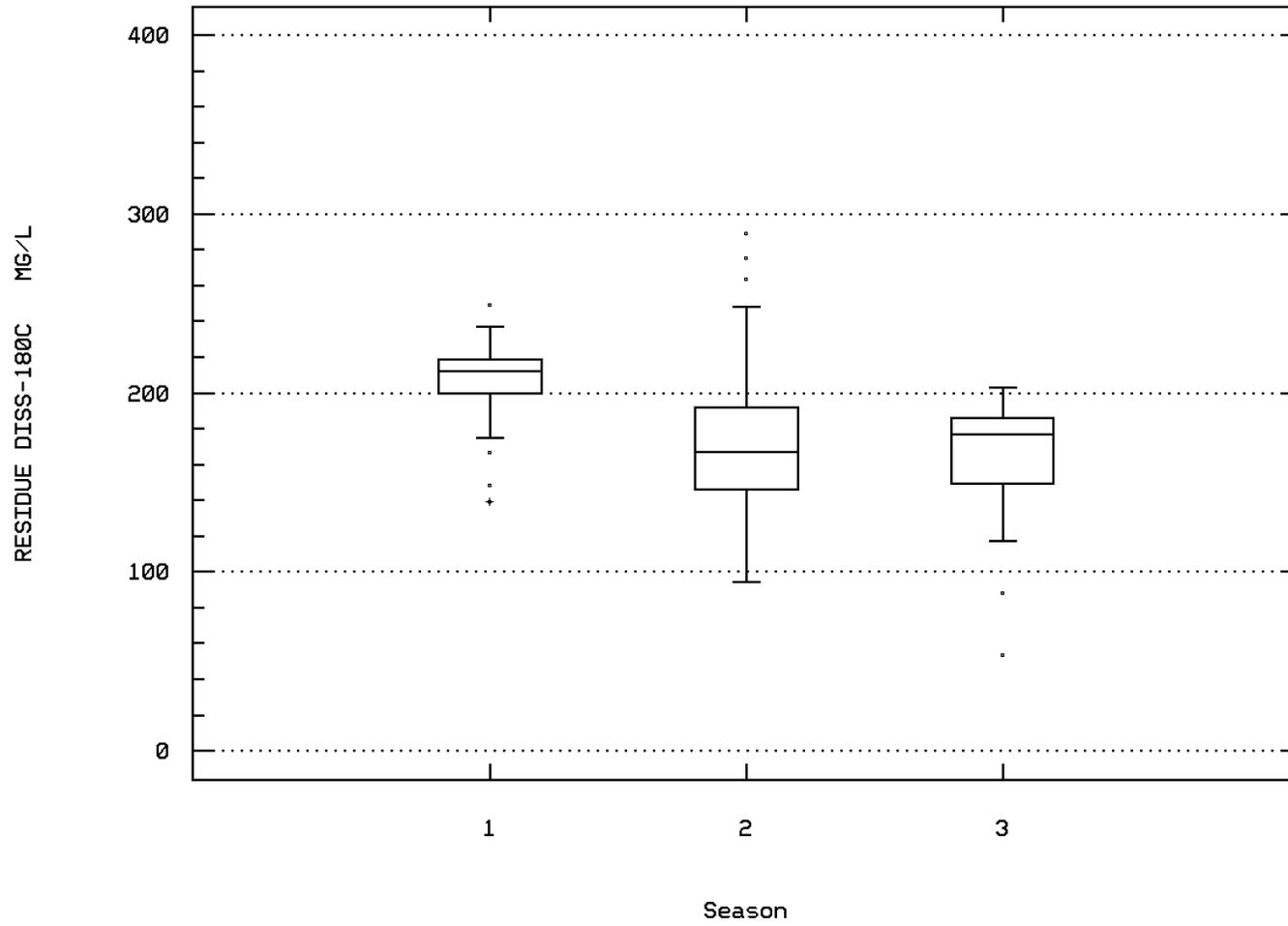
Station: BLRI0115 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



ROANOKE RIVER AT ROANOKE, VA

Station: BLRI0115 Parameter Code: 70300
RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



ROANOKE RIVER AT ROANOKE, VA

Station Inventory for Station: BLRI0116

NPS Station ID: BLRI0116 LAT/LON: 37.253893/ -79.951671
 Location: SHERWOOD AVENUE, ROANOKE - CITY OF ROANOKE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101003508.85 RF3 Mile Point: 9.000

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4AORE000.19
 Within Park Boundary: No

Date Created: 02/18/89

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: ORE BRANCH SECTION: 06D TOPO MAP #: 0026 TOPO MAP NAME: ROANOKE, VA

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	19	12.1	14.168	23.6	4.4	35.322	5.943	7.1	10.1	20.7	22.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	19	345.	343.	470.	225.	6309.889	79.435	230.	290.	420.	470.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	542.	571.667	645.	528.	4082.333	63.893	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10	11.2	10.92	13.2	8.2	2.691	1.64	8.21	9.95	12.1	13.09
00300	OXYGEN, DISSOLVED MG/L	9	10.4	10.311	13.5	7.8	4.009	2.002	7.8	8.5	12.05	13.5
00340	COD, .25N K2CR2O7 MG/L	8	4.5	4.813	9.	2.5	6.353	2.52	**	**	**	**
00400	PH (STANDARD UNITS)	19	8.33	8.362	8.6	8.1	0.026	0.161	8.14	8.2	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	19	8.33	8.334	8.6	8.1	0.027	0.164	8.14	8.2	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	19	0.005	0.005	0.008	0.003	0.	0.002	0.003	0.003	0.006	0.007
00403	PH, LAB, STANDARD UNITS SU	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	8	2.65	2.763	5.4	1.	2.186	1.478	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	19	238.	234.737	270.	174.	795.649	28.207	186.	218.	260.	270.
01002	ARSENIC, TOTAL (UG/L AS AS)	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	2	16.5	16.5	23.	10.	84.5	9.192	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	1	1041.	1041.	1041.	1041.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	2	29.8	29.8	39.6	20.	192.08	13.859	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	2	32.5	32.5	45.	20.	312.5	17.678	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	1	48.	48.	48.	48.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147 SELENIUM, TOTAL (UG/L AS SE)	08/27/92-08/27/92	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/09/88-05/19/94	19	800.	1871.053	8000.	50.	6648421.053	2578.453	50.	100.	2200.	8000.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/09/88-05/19/94	19	2.903	2.81	3.903	1.699	0.542	0.736	1.699	2.	3.342	3.903
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			646.151								
46570 HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	08/27/92-08/27/92	1	253.	253.	253.	253.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/22/89-05/22/89	1##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71921 MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/22/89-05/22/89	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82032 CALCIUM - TOTAL UG/L (AS CA)	08/27/92-08/27/92	1	58680.	58680.	58680.	58680.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0116

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	0&	0	0.00												
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1&	0	0.00							1	0	0.00			
	Drinking Water	5.	1&	0	0.00							1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	1	0.50	1	1	1.00				1	0	0.00			
	Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	2.	0&	0	0.00												
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	14	0.74	6	4	0.67	9	6	0.67	4	4	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0117

NPS Station ID: BLRI0117
 Location: FISHBURN PARK OFF ROUTE 221
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 03010101108900.00

LAT/LON: 37.249170/ -79.978338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.35

Agency: 21VASWCB
 FIPS State/County: 51770 VIRGINIA/ROANOKE (CITY)
 STORET Station ID(s): 4AMUR001.63
 Within Park Boundary: No

Date Created: 08/21/82

Description:
 VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY NO. 825101 BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: MURRAY RUN SECTION: 06D TOPO MAP #: 0027 TOPO MAP NAME: GARDEN CITY, VA

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 7.90
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/82-05/24/83	16	16.	15.625	22.	5.	24.182	4.918	6.54	13.25	19.75	21.3
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/07/82-05/24/83	53	2.	3.745	27.	0.5	21.208	4.605	1.	1.	4.	11.2
00300 OXYGEN, DISSOLVED MG/L	06/09/82-05/24/83	14	10.1	10.271	14.2	8.2	2.635	1.623	8.3	9.025	11.075	13.2
00340 COD, .25N K2CR2O7 MG/L	06/09/82-05/24/83	53	20.	20.557	81.	0.5	254.824	15.963	4.	10.	26.	35.4
00400 PH (STANDARD UNITS)	06/09/82-05/24/83	17	7.8	7.909	9.6	7.	0.423	0.651	7.	7.6	8.1	8.88
00400 CONVERTED PH (STANDARD UNITS)	06/09/82-05/24/83	17	7.8	7.576	9.6	7.	0.541	0.736	7.	7.6	8.1	8.88
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/82-05/24/83	17	0.016	0.027	0.1	0.	0.001	0.033	0.002	0.008	0.025	0.1
00500 RESIDUE, TOTAL (MG/L)	06/09/82-05/24/83	31	231.	474.258	1887.	196.	230699.265	480.312	200.2	218.	542.	1428.8
00505 RESIDUE, TOTAL VOLATILE (MG/L)	06/09/82-05/24/83	31	54.	67.968	167.	20.	1225.499	35.007	37.4	47.	83.	133.
00510 RESIDUE, TOTAL FIXED (MG/L)	06/09/82-05/24/83	31	180.	406.29	1729.	131.	200907.546	448.227	144.4	164.	455.	1295.8
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/82-05/24/83	44	17.	170.489	1700.	2.5	139499.017	373.496	2.5	2.5	129.75	723.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/09/82-05/24/83	44	4.	16.557	132.	0.	803.805	28.351	2.5	2.5	14.25	59.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	06/09/82-05/24/83	44	12.	154.67	1568.	2.5	119084.151	345.086	2.5	2.5	114.5	664.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/82-05/24/83	54 ##	0.05	0.08	0.7	0.05	0.009	0.097	0.05	0.05	0.05	0.2
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/09/82-05/24/83	54	0.01	0.021	0.09	0.005	0.001	0.023	0.005	0.005	0.03	0.055
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/82-05/24/83	54	0.94	0.981	1.7	0.2	0.146	0.383	0.465	0.673	1.3	1.5
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/82-05/24/83	54	0.3	0.363	0.9	0.05	0.047	0.217	0.1	0.2	0.463	0.7
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/09/82-05/24/83	54	0.05	0.082	0.4	0.01	0.007	0.085	0.02	0.03	0.1	0.21
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/82-05/24/83	50	0.03	0.07	0.4	0.01	0.009	0.093	0.02	0.02	0.065	0.224
00940 CHLORIDE, TOTAL IN WATER MG/L	07/14/82-05/24/83	29	13.	13.345	33.	6.	29.663	5.446	6.	9.5	16.	19.
01027 CADMIUM, TOTAL (UG/L AS CD)	06/09/82-05/24/83	54 ##	0.5	0.907	8.	0.5	1.765	1.328	0.5	0.5	0.5	1.5
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/09/82-05/24/83	54	1.	7.648	290.	0.5	1546.44	39.325	0.5	1.	3.	6.
01042 COPPER, TOTAL (UG/L AS CU)	06/09/82-05/24/83	54	10.	16.389	70.	5.	158.884	12.605	5.	8.75	20.	30.
01051 LEAD, TOTAL (UG/L AS PB)	06/09/82-05/24/83	54	6.	14.583	110.	0.5	563.017	23.728	0.75	1.75	16.	40.
01067 NICKEL, TOTAL (UG/L AS NI)	06/09/82-05/24/83	54	10.	26.759	290.	5.	2029.394	45.049	5.	5.	32.5	50.
01092 ZINC, TOTAL (UG/L AS ZN)	07/07/82-05/24/83	53	20.	40.472	220.	5.	2399.292	48.983	10.	10.	45.	106.
71900 MERCURY, TOTAL (UG/L AS HG)	06/09/82-05/24/83	54 ##	0.15	0.191	1.1	0.15	0.019	0.139	0.15	0.15	0.15	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0117

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	17	1	0.06	8	0	0.00	6	0	0.00	3	1	0.33			
	Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	6	0	0.00	3	0	0.00			
	Drinking Water	1.	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	10.	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Fresh Acute	860.	29	0	0.00	9	0	0.00	17	0	0.00	3	0	0.00			
	Drinking Water	250.	29	0	0.00	9	0	0.00	17	0	0.00	3	0	0.00			
	Fresh Acute	3.9	54	2	0.04	23	2	0.09	18	0	0.00	13	0	0.00			
01027 CADMIUM, TOTAL	Drinking Water	5.	54	2	0.04	23	2	0.09	18	0	0.00	13	0	0.00			
	Drinking Water	100.	54	1	0.02	23	1	0.04	18	0	0.00	13	0	0.00			
01034 CHROMIUM, TOTAL	Fresh Acute	18.	54	23	0.43	23	13	0.57	18	7	0.39	13	3	0.23			
01042 COPPER, TOTAL	Drinking Water	1300.	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			
	Fresh Acute	82.	54	3	0.06	23	0	0.00	18	3	0.17	13	0	0.00			
	Drinking Water	15.	54	14	0.26	23	3	0.13	18	11	0.61	13	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			
	Drinking Water	100.	54	3	0.06	23	3	0.13	18	0	0.00	13	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	53	4	0.08	23	0	0.00	18	4	0.22	12	0	0.00			
	Drinking Water	5000.	53	0	0.00	23	0	0.00	18	0	0.00	12	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			
	Drinking Water	2.	54	0	0.00	23	0	0.00	18	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0118

NPS Station ID: BLRI0118 LAT/LON: 37.202504/ -80.026115
 Location: OFF RT. 221 S OF CAVE SPRING (ROANOKE CO)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 05050001002205.48 RF3 Mile Point: 5.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: BACK CREEK SECTION: 06A TOPO MAP #: 0019 TOPO MAP NAME: BENT MOUNTAIN, VA

Agency: 21VASWCB
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 4ABAA019.50
 Within Park Boundary: No

Date Created: 05/01/93

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0119

NPS Station ID: BLRI0119
 Location: 30FS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010101
 RF3 Index: 03010101003207.65
 Description:

LAT/LON: 37.175837/ -80.063337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 8.58

Agency: 112WRD
 FIPS State/County: 51161 VIRGINIA/ROANOKE
 STORET Station ID(s): 371119080030401
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0119

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	2	48.	48.	48.	48.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/74-07/24/79	2	6.5	6.5	7.4	5.6	1.62	1.273	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/74-07/24/79	2	5.894	5.894	7.4	5.6	2.354	1.534	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/74-07/24/79	2	1.276	1.276	2.512	0.04	3.056	1.748	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	2	57.4	57.4	113.	1.8	6182.72	78.63	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	2	28.5	28.5	29.	28.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	2	0.09	0.09	0.12	0.06	0.002	0.042	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/10/74-07/24/79	2	3.5	3.5	3.7	3.3	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/10/74-07/24/79	2	1.6	1.6	1.9	1.3	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/10/74-07/24/79	2	3.95	3.95	4.9	3.	1.805	1.344	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	10/10/74-07/24/79	2	34.5	34.5	41.	28.	84.5	9.192	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	2	0.55	0.55	0.7	0.4	0.045	0.212	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	10/10/74-07/24/79	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/10/74-07/24/79	2	22.	22.	24.	20.	8.	2.828	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-10/10/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-10/10/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-10/10/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/10/74-07/24/79	2	52.5	52.5	58.	47.	60.5	7.778	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	2	48.5	48.5	53.	44.	40.5	6.364	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	2	0.07	0.07	0.08	0.06	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0119

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0120

NPS Station ID: BLRI0120
 Location: HERCULES 002 OUTFALL ON PEAK CR.
 Station Type: /AMBNT/WELL/OCEAN
 RMI-Indexes: 1021500 007720 15040 2380 3620
 RMI-Miles: 0953.80 0715.40 096.70 156.10 011.10
 HUC: 03010101
 Major Basin: OHIO RIVER
 Minor Basin: KANAWHA RIVER
 RF1 Index: 03010101
 RF3 Index: 03010101086100.00

LAT/LON: 37.047226/ -80.068059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.82

Agency: 1114O100
 FIPS State/County: 51155 VIRGINIA/PULASKI
 STORET Station ID(s): VA0000281002
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 7.00
 Distance from RF3: 0.07

On/Off RF1:
 On/Off RF3:

Description:
 SAMPLE TAKEN AT IC & C HERCULES OUTFALL 002 ON PEAK CREEK AT PULASKI. 1972 ENFORCEMENT STUDY BY WHEELING FIELD OFFICE.
 PULASKI, VA. 7.5 MIN QUAD MAP 3702500 08004050

Parameter Inventory for Station: BLRI0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/72-05/04/72	7	17.	18.5	36.	3.	93.833	9.687	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	02/03/72-02/03/72	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/72-05/04/72	7	80.	417.143	2300.	10.	694857.143	833.581	**	**	**	**
00400 PH (STANDARD UNITS)	02/03/72-05/04/72	7	9.	9.329	11.2	8.3	0.922	0.96	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/03/72-05/04/72	7	9.	8.841	11.2	8.3	1.199	1.095	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/72-05/04/72	7	0.001	0.001	0.005	0.	0.	0.002	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	02/03/72-05/04/72	7	67.	227.714	1198.	20.	183747.238	428.657	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/72-05/04/72	7	10.	16.857	73.	1.	658.476	25.661	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	02/03/72-02/03/72	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/02/72-05/04/72	3	5.	11.667	25.	5.	133.333	11.547	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	05/02/72-05/04/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/02/72-05/04/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/02/72-05/04/72	6	0.	0.1	0.6	0.	0.06	0.245	**	**	**	**
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/02/72-05/04/72	6	0.003	0.052	0.3	0.	0.015	0.121	**	**	**	**
39516 PCBS IN WHOLE WATER SAMPLE (UG/L)	05/04/72-05/04/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/03/72-05/04/72	7	62.	210.857	1125.	0.	163387.81	404.213	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0120

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	7	5	0.71				1	1	1.00	6	4	0.67			
	Other-Lo Lim.	6.5	7	0	0.00				1	0	0.00	6	0	0.00			
01002 ARSENIC, TOTAL	Marine Acute	69.	3	0	0.00							3	0	0.00			
01092 ZINC, TOTAL	Marine Acute	95.	6	0	0.00							6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0121

NPS Station ID: BLRI0121
 Location: HERCULES OUTFALL ON PEAK CREEK
 Station Type: /AMBNT/WELL/OCEAN
 RMI-Indexes: 1021500 007720 15040 2380 3620
 RMI-Miles: 0953.80 0715.40 096.70 156.10 011.10
 HUC: 03010101
 Major Basin: OHIO RIVER
 Minor Basin: KANAWHA RIVER
 RF1 Index: 03010101
 RF3 Index: 05050001001906.51

LAT/LON: 37.047226/ -80.068059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 6.69

Agency: 1114O100
 FIPS State/County: 51155 VIRGINIA/PULASKI
 STORET Station ID(s): VA0000281001
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 SAMPLE TAKEN AT THE HERCULES OUTFALL 001 ON PEAK CREEK AT PULASKI. 1972 ENFORCEMENT STUDY DONE BY WHEELING FIELD OFFICE.
 PULASKI, VA. 7.5 MIN QUAD MAP 3702500 08004050

Parameter Inventory for Station: BLRI0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	4	19.75	16.125	20.	5.	55.063	7.42	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	2750.	2762.5	2975.	2575.	28541.667	168.943	**	**	**	**
00400	PH (STANDARD UNITS)	4	5.65	5.675	6.1	5.3	0.122	0.35	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	4	5.625	5.579	6.1	5.3	0.135	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	2.374	2.638	5.012	0.794	3.473	1.864	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	4	2335.	2343.5	2572.	2132.	35537.	188.513	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4	14.	12.25	17.	4.	32.917	5.737	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	1045.	1045.	1045.	1045.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	3	1295.	1353.333	1505.	1260.	17558.333	132.508	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	4	15.	16.	25.	9.	44.	6.633	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	4	0.	10.	40.	0.	400.	20.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	4	0.017	0.258	1.	0.	0.245	0.495	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	4	2326.5	2331.25	2557.	2115.	35364.25	188.054	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0121

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	4	0	0.00				1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	4	4	1.00				1	1	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0121

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01002 ARSENIC, TOTAL	Marine Acute	69.	3	0	0.00							3	0	0.00			
01027 CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Marine Acute	2.9	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Marine Acute	95.	4	0	0.00				1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0122

NPS Station ID: BLRI0122 LAT/LON: 37.121948/ -80.075838
 Location: RT. 643 BRIDGE N. OF MONTE VISTA (FRANKLIN CO)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101005403.85 RF3 Mile Point: 4.45

Agency: 21VASWCB
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 4ABNR009.36
 Within Park Boundary: No

Date Created: 05/02/92

Description:
 VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY 925102 BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: NORTH FORK BLACKWATER RIVER SECTION: 06A TOPO MAP #: 0020 TOPO MAP NAME: CALLAWAY, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.10
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	130	17.8	17.268	23.5	12.469	3.531	11.71	14.775	20.3	21.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/05/94-09/05/95	38	5.5	6.216	29.	18.833	4.34	2.86	4.	6.8	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	130	49.	45.731	75.	177.33	13.317	29.1	34.	56.5	61.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/92-09/05/95	46	61.	60.696	96.	79.372	8.909	49.	54.5	64.5	71.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	116	8.65	8.835	11.6	0.872	0.934	7.7	8.1	9.4	10.03
00300	OXYGEN, DISSOLVED MG/L	05/20/91-08/15/91	14	8.8	8.836	9.8	0.193	0.44	8.25	8.575	9.	9.7
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	128	7.6	7.616	8.66	0.129	0.36	7.219	7.355	7.807	8.121
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	128	7.6	7.488	8.66	0.146	0.382	7.219	7.355	7.807	8.121
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	128	0.025	0.033	0.182	0.002	0.026	0.008	0.016	0.044	0.06
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	124	58.	60.258	112.	171.039	13.078	45.5	53.	65.	78.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	113	16.	16.128	43.	55.664	7.461	6.4	11.5	20.	24.6
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	113	42.	43.973	79.	158.383	12.585	30.	36.	51.	60.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	125	9.	32.42	2700.	57935.413	240.698	4.	6.	13.	19.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	117	2.	7.252	530.	2379.968	48.785	1.	1.5	3.	4.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	117	6.	27.026	2170.	40008.469	200.021	3.	4.5	10.	15.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	123 ##	0.02	0.028	0.12	0.02	0.016	0.02	0.02	0.04	0.046
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	123 ##	0.005	0.008	0.05	0.005	0.008	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	124	0.28	0.294	0.59	0.1	0.104	0.18	0.213	0.348	0.465
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	123	0.3	0.359	3.5	0.05	0.136	0.369	0.1	0.2	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	123	0.04	0.053	0.8	0.02	0.007	0.082	0.03	0.05	0.07
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	115	300.	796.087	8000.	50.	1676717.01	1294.881	50.	100.	900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	115	2.477	2.525	3.903	1.699	0.332	0.577	1.699	2.	2.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				334.681							
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	123	0.03	0.026	0.09	0.005	0.	0.012	0.01	0.02	0.03
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/15/92-06/27/94	58	2.95	7.288	200.	0.2	684.715	26.167	0.59	1.7	4.575

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0122

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	38	0	0.00	22	0	0.00				16	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	116	0	0.00	50	0	0.00				66	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	8	0	0.00				6	0	0.00		
00400	PH	Other-Hi Lim.	9.	128	0	0.00	57	0	0.00				71	0	0.00		
		Other-Lo Lim.	6.5	128	0	0.00	57	0	0.00				71	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	123	0	0.00	56	0	0.00				67	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	124	0	0.00	57	0	0.00				67	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	115	81	0.70	54	47	0.87				61	34	0.56		
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	58	1	0.02	27	1	0.04				31	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	14	19.95	19.593	23.5	12.3	10.598	3.255	13.6	17.8	22.5	23.3
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	14	49.	47.786	56.	33.	47.566	6.897	36.	42.75	54.25	55.5
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	13	7.6	7.629	8.	7.28	0.033	0.181	7.352	7.53	7.765	7.928
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	13	7.6	7.595	8.	7.28	0.034	0.184	7.352	7.53	7.765	7.928
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	13	0.025	0.025	0.052	0.01	0.	0.011	0.012	0.017	0.03	0.045
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	13	58.	61.692	82.	52.	86.231	9.286	52.4	55.	66.5	80.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	3	20.	20.	23.	17.	9.	3.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	3	57.	52.333	59.	41.	97.333	9.866	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	13	10.	11.423	29.	1.5	47.41	6.886	3.3	8.	13.5	25.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	5	3.	3.4	5.	3.	0.8	0.894	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	5	7.	8.	11.	7.	3.	1.732	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	13###	0.02	0.023	0.06	0.02	0.	0.011	0.02	0.02	0.02	0.044
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	13###	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	13	0.28	0.287	0.39	0.2	0.002	0.046	0.22	0.26	0.31	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	13	0.3	0.3	0.7	0.1	0.025	0.158	0.14	0.2	0.35	0.62
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	13	0.06	0.054	0.08	0.02	0.	0.018	0.024	0.04	0.07	0.076
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	11	200.	613.636	2800.	50.	1030545.455	1015.158	50.	50.	400.	2740.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	11	2.301	2.329	3.447	1.699	0.39	0.624	1.699	1.699	2.602	3.437
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			213.494								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	13	0.03	0.028	0.04	0.01	0.	0.009	0.014	0.02	0.035	0.04

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	29	17.	16.776	21.9	9.4	10.195	3.193	11.7	14.35	19.15	21.2
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	29	36.	40.414	60.	28.	108.037	10.394	30.	31.	50.	55.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	29	9.	9.072	11.5	7.6	0.725	0.851	8.1	8.45	9.45	9.9
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	29	7.71	7.735	8.49	7.17	0.099	0.315	7.37	7.505	7.85	8.19
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	29	7.71	7.643	8.49	7.17	0.108	0.328	7.37	7.505	7.85	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	29	0.019	0.023	0.068	0.003	0.	0.014	0.006	0.014	0.031	0.043
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	26	56.	54.346	70.	38.	69.675	8.347	41.8	47.5	60.	64.9
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	26	13.	15.077	43.	6.	71.674	8.466	6.	8.75	19.25	25.7
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	26	38.	37.462	52.	3.	114.898	10.719	24.	30.75	45.	49.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	26	5.	5.731	16.	1.	11.005	3.317	2.7	3.75	8.	10.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	26	1.5	1.577	3.	1.	0.414	0.643	1.	1.	2.	2.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	26	4.	6.462	59.	1.	123.058	11.093	2.	2.	6.	11.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	25###	0.02	0.022	0.04	0.02	0.	0.006	0.02	0.02	0.02	0.028
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	25###	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.008	0.014
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	25	0.26	0.283	0.5	0.2	0.005	0.068	0.21	0.24	0.315	0.384
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	25	0.2	0.25	0.6	0.05	0.013	0.112	0.1	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	25	0.03	0.03	0.04	0.02	0.	0.005	0.02	0.03	0.03	0.04
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	24	300.	568.75	3200.	50.	533002.717	730.07	100.	100.	600.	1750.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	24	2.477	2.506	3.505	1.699	0.216	0.465	2.	2.	2.778	3.243
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			320.76								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	25	0.02	0.019	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.03

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	31	19.5	18.213	22.1	10.7	10.604	3.256	12.26	16.1	20.7	21.76
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	31	55.	51.419	75.	26.	160.785	12.68	29.4	41.	61.	63.

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	31	8.2	8.661	11.6	7.3	1.356	1.164	7.6	7.7	9.4	10.74
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.575	7.529	8.08	6.74	0.091	0.302	7.148	7.32	7.703	7.932
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.574	7.419	8.08	6.74	0.104	0.322	7.148	7.32	7.703	7.932
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	30	0.027	0.038	0.182	0.008	0.001	0.034	0.012	0.02	0.048	0.071
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	31	59.	59.452	96.	34.	173.256	13.163	40.4	51.	65.	76.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	30	17.	15.6	29.	0.	69.49	8.336	2.	10.5	20.75	26.7
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	30	44.	44.2	76.	10.	179.062	13.381	28.1	36.	52.	65.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	32	10.	96.75	2700.	5.	225792.194	475.176	6.3	8.	14.	20.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	32	3.	19.813	530.	1.	8673.706	93.133	2.	2.	4.	5.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	32	7.	76.938	2170.	4.	145960.319	382.048	4.	5.	10.75	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	32###	0.02	0.034	0.12	0.02	0.001	0.023	0.02	0.02	0.04	0.067
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	32###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	33	0.28	0.303	0.55	0.18	0.011	0.105	0.194	0.215	0.385	0.476
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	32	0.3	0.511	3.5	0.05	0.426	0.653	0.2	0.2	0.5	0.87
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	32	0.04	0.07	0.8	0.03	0.018	0.134	0.033	0.04	0.05	0.074
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	30	600.	1226.667	8000.	50.	2740816.092	1655.541	50.	175.	1850.	2970.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	30	2.778	2.694	3.903	1.699	0.444	0.666	1.699	2.226	3.263	3.473
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			494.833								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	32	0.03	0.026	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.037

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	26	18.2	16.296	21.1	9.3	14.559	3.816	11.07	11.9	19.275	20.63
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	26	44.5	42.	68.	10.	229.36	15.145	21.7	29.75	52.	60.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	26	8.6	8.85	11.2	7.8	0.657	0.811	8.07	8.2	9.4	9.96
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	26	7.835	7.897	8.66	7.12	0.166	0.408	7.391	7.62	8.15	8.633
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	26	7.835	7.734	8.66	7.12	0.194	0.44	7.391	7.62	8.15	8.633
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	26	0.015	0.018	0.076	0.002	0.	0.017	0.002	0.007	0.024	0.041
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	26	65.5	68.115	112.	49.	186.666	13.663	53.1	57.	75.	85.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	26	20.	19.5	37.	9.	47.7	6.907	10.4	13.	23.	28.8
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	26	46.5	48.615	79.	30.	138.886	11.785	35.1	38.75	56.25	64.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	26	13.	15.385	40.	6.	77.926	8.828	8.4	10.	16.5	34.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	26	3.	3.808	8.	1.	3.042	1.744	2.	3.	4.25	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	26	9.	11.577	32.	5.	52.254	7.229	5.7	7.	12.25	27.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	26###	0.03	0.033	0.06	0.02	0.	0.014	0.02	0.02	0.04	0.053
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	26###	0.005	0.01	0.04	0.005	0.	0.009	0.005	0.005	0.01	0.023
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	26	0.265	0.257	0.4	0.16	0.005	0.071	0.177	0.19	0.308	0.363
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	26	0.4	0.45	0.9	0.2	0.03	0.173	0.2	0.3	0.525	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	26	0.04	0.068	0.5	0.03	0.008	0.092	0.03	0.03	0.063	0.12
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	300.	656.	4600.	50.	907150.	952.444	50.	100.	900.	1640.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	2.477	2.494	3.663	1.699	0.307	0.554	1.699	2.	2.954	3.215
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			311.812								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	26	0.03	0.035	0.09	0.02	0.	0.017	0.02	0.03	0.04	0.066

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	30	16.75	16.523	22.3	10.4	12.125	3.482	10.6	14.775	19.325	20.88
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	30	50.5	47.267	69.	5.	219.306	14.809	32.	34.75	60.	64.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	30	8.65	8.773	10.5	7.6	0.697	0.835	7.71	8.1	9.175	10.27

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.29	7.338	7.87	6.92	0.05	0.224	7.074	7.217	7.438	7.707
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.29	7.287	7.87	6.92	0.053	0.23	7.074	7.217	7.437	7.707
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	30	0.051	0.052	0.12	0.013	0.001	0.024	0.02	0.037	0.061	0.084
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	28	54.5	58.679	98.	41.	213.56	14.614	42.8	50.5	59.75	86.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	28	14.	14.125	26.	2.5	26.919	5.188	6.6	12.	17.	21.1
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	28	42.	44.571	76.	29.	152.698	12.357	30.9	36.25	48.5	68.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	28	7.	9.25	55.	3.	88.343	9.399	4.	6.	9.	14.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/06/91-09/05/95	28 ##	1.5	2.054	10.	1.5	2.84	1.685	1.5	1.5	1.5	3.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/06/91-09/05/95	28	5.	6.821	45.	1.5	61.467	7.84	2.85	4.	6.75	11.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	27 ##	0.02	0.023	0.07	0.02	0.	0.011	0.02	0.02	0.02	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	27 ##	0.005	0.009	0.05	0.005	0.	0.013	0.005	0.005	0.005	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	27	0.37	0.334	0.59	0.1	0.024	0.154	0.108	0.18	0.48	0.516
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	27	0.2	0.222	0.4	0.1	0.009	0.097	0.1	0.1	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	27	0.04	0.039	0.08	0.02	0.	0.013	0.028	0.03	0.05	0.052
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	300.	718.	8000.	50.	2479766.667	1574.727	50.	100.	600.	1400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	2.477	2.455	3.903	1.699	0.306	0.553	1.699	2.	2.772	3.14
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			285.232								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	27	0.03	0.025	0.04	0.005	0.	0.008	0.01	0.02	0.03	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0123

NPS Station ID: BLRI0123 LAT/LON: 37.083338/ -80.085004
 Location: ALONG ROUTE 602, ABOVE ALGOMA - FRANKLIN COUNTY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101005200.61 RF3 Mile Point: 2.33

Agency: 21VASWCB
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 4AGCR002.44
 Within Park Boundary: No

Date Created: 04/08/89

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: GREEN CREEK SECTION: 06A TOPO MAP #: 0020 TOPO MAP NAME: CALLAWAY, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.40
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0124

NPS Station ID: BLRI0124
 Location: RT. 739 BRIDGE AT ALGOMA (FRANKLIN CO.)
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101
 RF3 Index: 03010101005318.15

LAT/LON: 37.054170/ -80.085004

 Depth of Water: 0
 Elevation: 0

 RF1 Mile Point: 0.000
 RF3 Mile Point: 18.14

Agency: 21VASWCB
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 4AGCR000.01
 Within Park Boundary: No

Date Created: 05/02/92

Description:
 VIRGINIA STATE WATER CONTROL BOARD INTENSIVE SURVEY 925102 BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: GREEN CREEK SECTION: 06A TOPO MAP #: 0020 TOPO MAP NAME: CALLAWAY, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	136	17.8	17.182	24.5	6.5	14.783	3.845	11.7	14.7	20.1	21.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/05/94-09/05/95	36	5.5	6.711	19.3	1.4	21.46	4.633	2.36	3.125	8.075	14.12
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	136	50.	49.176	170.	11.	275.243	16.59	31.	40.	60.	62.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/92-09/05/95	46	63.	60.761	72.	47.	36.942	6.078	53.	56.	65.	68.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	118	8.8	9.049	11.6	7.1	0.77	0.877	8.1	8.5	9.6	10.4
00300 OXYGEN, DISSOLVED MG/L	05/20/91-12/11/91	18	8.9	9.433	13.4	8.5	1.711	1.308	8.59	8.7	9.725	12.14
00400 PH (STANDARD UNITS)	05/20/91-09/11/95	134	7.635	7.629	8.65	6.36	0.191	0.437	7.14	7.31	7.863	8.325
00400 CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	134	7.635	7.413	8.65	6.36	0.238	0.488	7.14	7.31	7.862	8.325
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	134	0.023	0.039	0.437	0.002	0.003	0.052	0.005	0.014	0.049	0.072
00500 RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	125	59.	60.024	150.	5.	307.072	17.523	44.6	51.	66.	74.8
00505 RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	111	16.	16.45	56.	2.	70.677	8.407	6.2	12.	20.	26.8
00510 RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	112	41.5	43.821	112.	10.	228.49	15.116	29.	36.	49.	59.4
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	125	10.	12.192	87.	1.	153.564	12.392	3.	6.	14.	20.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	117	3.	3.235	20.	1.	8.166	2.858	1.	2.	4.	5.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	117	7.	9.162	67.	1.	95.848	9.79	2.	5.	10.	16.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	123 ##	0.02	0.031	0.6	0.02	0.003	0.054	0.02	0.02	0.02	0.05
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	122 ##	0.005	0.008	0.05	0.005	0.	0.007	0.005	0.005	0.005	0.017
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	124	0.29	0.305	0.77	0.07	0.01	0.101	0.195	0.24	0.36	0.41
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	123	0.3	0.322	0.9	0.05	0.024	0.156	0.2	0.2	0.4	0.5
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	123	0.05	0.061	0.5	0.02	0.003	0.052	0.03	0.04	0.06	0.086
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	121	200.	530.992	7600.	50.	1010677.342	1005.324	50.	50.	550.	1200.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/91-09/11/95	121	2.301	2.329	3.881	1.699	0.314	0.561	1.699	1.699	2.739	3.079
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				213.392								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	123	0.03	0.034	0.08	0.005	0.	0.012	0.02	0.03	0.04	0.05
82078 TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/15/92-06/27/94	60	2.3	4.882	66.	0.3	109.045	10.442	0.92	1.525	4.1	7.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0124

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	36	0	0.00	20	0	0.00				16	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	118	0	0.00	50	0	0.00				68	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	9	0	0.00				7	0	0.00		
00400	PH	Other-Hi Lim.	9.	134	0	0.00	58	0	0.00	2	0	0.00	74	0	0.00		
		Other-Lo Lim.	6.5	134	1	0.01	58	1	0.02	2	0	0.00	74	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	122	0	0.00	54	0	0.00	1	0	0.00	67	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	124	0	0.00	56	0	0.00	1	0	0.00	67	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	121	66	0.55	55	34	0.62				66	32	0.48		
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	60	2	0.03	27	0	0.00				33	2	0.06		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	18	19.35	18.317	24.5	6.5	27.9	5.282	9.56	14.775	23.	24.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	18	51.5	50.056	60.	30.	70.761	8.412	39.9	42.5	57.5	60.
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	17	7.69	7.702	8.65	7.14	0.126	0.355	7.3	7.47	7.905	8.202
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	17	7.69	7.592	8.65	7.14	0.139	0.373	7.3	7.47	7.905	8.202
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	17	0.02	0.026	0.072	0.002	0.	0.017	0.007	0.012	0.034	0.051
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	17	62.	68.706	150.	55.	486.846	22.065	55.8	58.5	72.	94.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	5	16.	20.6	38.	14.	99.8	9.99	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	5	47.	60.2	112.	44.	844.7	29.064	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	16	10.5	15.156	79.	1.5	324.924	18.026	4.65	7.25	13.	44.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	8	3.5	4.75	17.	1.	25.643	5.064	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	8	9.	15.5	62.	7.	355.714	18.86	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	15	0.05	0.076	0.6	0.02	0.021	0.146	0.02	0.02	0.05	0.282
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	14###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	15	0.28	0.307	0.77	0.17	0.02	0.143	0.176	0.23	0.33	0.542
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	15	0.4	0.393	0.9	0.1	0.045	0.212	0.1	0.3	0.5	0.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	15	0.08	0.086	0.26	0.03	0.003	0.054	0.036	0.05	0.09	0.176
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	13	200.	400.	1700.	50.	259166.667	509.084	50.	50.	550.	1500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	13	2.301	2.295	3.23	1.699	0.296	0.544	1.699	1.699	2.739	3.17
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			197.344								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	15	0.04	0.05	0.08	0.03	0.	0.016	0.036	0.04	0.06	0.08

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	31	16.1	16.426	22.1	8.9	15.347	3.918	11.46	12.4	19.8	21.78
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	31	41.	48.581	170.	31.	595.585	24.405	32.4	35.	51.	60.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	31	9.5	9.268	11.4	7.5	0.708	0.841	8.32	8.5	9.9	10.34
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.75	7.796	8.57	6.36	0.217	0.465	7.301	7.518	8.12	8.397
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.749	7.473	8.57	6.36	0.324	0.57	7.301	7.517	8.12	8.397
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	30	0.018	0.034	0.437	0.003	0.006	0.078	0.004	0.008	0.03	0.05
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	25	53.	53.32	72.	22.	117.227	10.827	41.2	47.	62.5	68.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	24	16.5	16.792	39.	2.	59.911	7.74	8.	12.	20.	28.
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	25	36.	37.2	54.	22.	69.333	8.327	25.4	31.	42.	49.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	4.	4.42	12.	1.	7.993	2.827	1.5	1.75	6.	8.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	1.5	1.56	3.	1.	0.361	0.601	1.	1.	2.	2.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	3.	3.22	9.	1.	4.377	2.092	1.	1.5	4.	6.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	24###	0.02	0.021	0.04	0.02	0.	0.004	0.02	0.02	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	24###	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	24	0.365	0.386	0.67	0.27	0.012	0.11	0.28	0.3	0.41	0.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	24	0.2	0.258	0.5	0.1	0.01	0.102	0.15	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	24	0.04	0.044	0.08	0.03	0.	0.013	0.03	0.033	0.05	0.065
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	26	100.	251.923	1900.	50.	168696.154	410.726	50.	50.	250.	750.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	26	2.	2.096	3.279	1.699	0.218	0.467	1.699	1.699	2.376	2.857
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			124.741								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	24	0.03	0.029	0.06	0.02	0.	0.01	0.02	0.02	0.03	0.04

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	32	17.75	17.659	22.8	10.5	12.261	3.502	11.99	15.125	20.95	21.94
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	32	52.	50.375	79.	30.	169.468	13.018	30.	40.	61.	62.7

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	32	8.9	9.141	11.6	7.6	1.04	1.02	7.96	8.225	9.825	10.47
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	32	7.575	7.497	8.34	6.61	0.147	0.383	6.973	7.203	7.8	7.887
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	32	7.575	7.323	8.34	6.61	0.178	0.422	6.973	7.202	7.8	7.887
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	32	0.027	0.048	0.245	0.005	0.003	0.05	0.013	0.016	0.063	0.106
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	32	56.5	57.531	89.	5.	234.644	15.318	46.6	50.	65.25	80.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	31	14.	16.29	56.	3.	110.88	10.53	6.	10.	20.	30.
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	31	42.	42.871	76.	10.	179.449	13.396	28.6	36.	48.	63.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	33	10.	11.848	25.	5.	29.445	5.426	6.	7.	16.	19.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	33	3.	3.242	6.	1.	2.002	1.415	2.	2.	4.	5.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	33	7.	8.606	19.	3.	17.309	4.16	4.	5.	12.	15.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	33 ##	0.02	0.026	0.05	0.02	0.	0.01	0.02	0.02	0.04	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	33 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	34	0.34	0.309	0.42	0.07	0.008	0.089	0.145	0.26	0.37	0.41
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	33	0.3	0.345	0.6	0.1	0.018	0.133	0.2	0.3	0.4	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	33	0.05	0.053	0.09	0.03	0.	0.013	0.04	0.05	0.06	0.07
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	33	200.	486.364	7600.	50.	1690511.364	1300.197	50.	50.	450.	720.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	33	2.301	2.273	3.881	1.699	0.268	0.518	1.699	1.699	2.651	2.853
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			187.296								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	33	0.03	0.029	0.04	0.02	0.	0.008	0.02	0.02	0.04	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	25	17.9	16.912	22.	9.4	12.784	3.575	11.66	12.75	19.75	20.34
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	25	52.	49.48	74.	11.	290.51	17.044	25.6	33.	61.5	72.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	25	8.7	8.86	11.2	7.1	0.783	0.885	8.06	8.45	9.1	10.38
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	25	7.79	7.9	8.59	6.61	0.211	0.46	7.262	7.66	8.32	8.444
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	25	7.79	7.599	8.59	6.61	0.306	0.553	7.262	7.66	8.32	8.444
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	25	0.016	0.025	0.245	0.003	0.002	0.048	0.004	0.005	0.022	0.056
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	25	61.	66.92	139.	35.	534.077	23.11	45.2	54.5	71.	105.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	25	17.	18.72	40.	7.	48.21	6.943	11.4	14.	22.	27.4
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	25	43.	48.2	112.	26.	399.667	19.992	30.8	37.	50.5	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	12.	18.8	87.	7.	396.25	19.906	8.	10.	16.5	49.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	3.	4.68	20.	2.	21.31	4.616	2.	3.	4.	11.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	25	9.	14.12	67.	5.	234.943	15.328	5.6	7.	13.	38.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	25 ##	0.02	0.027	0.05	0.02	0.	0.011	0.02	0.02	0.04	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	25 ##	0.005	0.01	0.04	0.005	0.	0.009	0.005	0.005	0.01	0.024
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	25	0.27	0.278	0.49	0.15	0.006	0.075	0.196	0.22	0.32	0.378
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	25	0.3	0.392	0.8	0.2	0.024	0.155	0.26	0.3	0.45	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	25	0.05	0.082	0.5	0.03	0.01	0.099	0.036	0.04	0.06	0.214
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	24	500.	770.833	3800.	50.	877155.797	936.566	50.	62.5	1075.	2250.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	24	2.699	2.53	3.58	1.699	0.4	0.633	1.699	1.774	3.031	3.343
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			338.773								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	25	0.03	0.037	0.06	0.02	0.	0.011	0.026	0.03	0.04	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/91-09/11/95	30	17.7	17.	21.9	8.8	11.142	3.338	10.72	15.575	19.325	21.04
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/91-09/11/95	30	49.	47.733	65.	15.	197.444	14.051	20.3	39.75	60.25	62.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/92-09/11/95	30	8.8	8.883	10.6	7.8	0.495	0.703	8.01	8.475	9.225	10.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.3	7.338	7.82	6.86	0.056	0.236	7.041	7.205	7.488	7.732
00400	CONVERTED PH (STANDARD UNITS)	05/20/91-09/11/95	30	7.3	7.278	7.82	6.86	0.059	0.244	7.041	7.205	7.487	7.732
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/91-09/11/95	30	0.05	0.053	0.138	0.015	0.001	0.029	0.019	0.033	0.062	0.091
00500	RESIDUE, TOTAL (MG/L)	05/20/91-09/05/95	26	56.5	57.231	82.	38.	135.465	11.639	42.1	48.	66.	74.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/20/91-09/05/95	26	14.	13.346	23.	2.5	41.795	6.465	2.5	8.	19.	20.6
00510	RESIDUE, TOTAL FIXED (MG/L)	05/20/91-09/05/95	26	45.5	43.962	63.	21.	95.958	9.796	31.5	36.75	51.	55.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/20/91-09/05/95	26	11.5	11.923	22.	3.	31.034	5.571	4.7	7.	14.5	21.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/20/91-09/05/95	26	3.	2.981	5.	1.5	1.65	1.284	1.5	1.5	4.	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/20/91-09/05/95	26	8.5	8.865	18.	1.5	19.991	4.471	3.7	5.	11.	16.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/91-08/28/95	26 ##	0.02	0.026	0.11	0.02	0.	0.02	0.02	0.02	0.02	0.049
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	26 ##	0.005	0.009	0.05	0.005	0.	0.011	0.005	0.005	0.005	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/91-08/28/95	26	0.255	0.25	0.37	0.18	0.002	0.043	0.187	0.22	0.273	0.296
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/91-08/28/95	26	0.2	0.244	0.6	0.05	0.019	0.138	0.05	0.2	0.3	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/91-08/28/95	26	0.05	0.052	0.1	0.02	0.	0.02	0.027	0.04	0.07	0.08
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	300.	718.	5100.	50.	1463100.	1209.587	50.	100.	750.	2340.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/20/91-09/11/95	25	2.477	2.471	3.708	1.699	0.331	0.575	1.699	2.	2.874	3.305
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			296.081								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/91-08/28/95	26	0.03	0.033	0.05	0.005	0.	0.01	0.017	0.03	0.04	0.043

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0125

NPS Station ID: BLRI0125 LAT/LON: 37.083892/ -80.085281
 Location: ALONG ROUTE 602, ABOVE ALGOMA - FRANKLIN COUNTY
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010101 Depth of Water: 0
 Major Basin: 03-SOUTHEAST Elevation: 0
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010101 RF1 Mile Point: 0.000
 RF3 Index: 03010101005321.77 RF3 Mile Point: 22.78

Agency: 21VASWCB
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 4AGCR002.40
 Within Park Boundary: No

Date Created: 02/18/89

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 RIVER: GREEN CREEK SECTION: 06A TOPO MAP #: 0020 TOPO MAP NAME: CALLAWAY, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/88-04/16/91	5	12.9	13.2	16.3	9.9	5.63	2.373	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/16/89-04/16/91	4	35.	33.75	40.	25.	56.25	7.5	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/25/88-04/16/91	4	10.25	10.125	10.4	9.6	0.129	0.359	**	**	**	**
00400 PH (STANDARD UNITS)	10/25/88-04/16/91	5	7.31	7.324	8.26	6.54	0.425	0.652	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/25/88-04/16/91	5	7.31	7.014	8.26	6.54	0.545	0.738	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/88-04/16/91	5	0.049	0.097	0.288	0.005	0.013	0.115	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/25/88-10/30/90	4 ##	75.	75.	100.	50.	833.333	28.868	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/25/88-10/30/90	4 ##	1.849	1.849	2.	1.699	0.03	0.174	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			70.711								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0125

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	5	0	0.00				3	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00				3	0	0.00	2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00				3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0126

NPS Station ID: BLRI0126
 Location: 30ES 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010103
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010103
 RF3 Index: 030101056108.58
 Description:

LAT/LON: 37.050004/ -80.118892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 10.40

Agency: 112WRD
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 370300080064201
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.30
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	2	11.75	11.75	12.	11.5	0.125	0.354	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	2	23.5	23.5	28.	19.	40.5	6.364	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/74-07/24/79	2	6.75	6.75	6.8	6.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/74-07/24/79	2	6.747	6.747	6.8	6.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/74-07/24/79	2	0.179	0.179	0.2	0.158	0.001	0.029	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	2	2.75	2.75	3.3	2.2	0.605	0.778	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	2	8.5	8.5	11.	6.	12.5	3.536	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	2	10.	10.	13.	7.	18.	4.243	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2	0.27	0.27	0.34	0.2	0.01	0.099	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/24/79	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/10/74-07/24/79	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/24/79	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/10/74-07/24/79	2	2.15	2.15	2.7	1.6	0.605	0.778	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	10/10/74-07/24/79	2	45.5	45.5	51.	40.	60.5	7.778	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	2	1.4	1.4	1.5	1.3	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/24/79	2	1.95	1.95	3.	0.9	2.205	1.485	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	2	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/10/74-07/24/79	2	9.4	9.4	9.5	9.3	0.02	0.141	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/24/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/79-07/24/79	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/24/79	2 ##	20.5	20.5	40.	1.	760.5	27.577	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/79-07/24/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/24/79	2	156.	156.	310.	2.	47432.	217.789	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/24/79	2	25.5	25.5	28.	23.	12.5	3.536	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	2	23.5	23.5	26.	21.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	2	1.2	1.2	1.5	0.9	0.18	0.424	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0126

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00								
	Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00								
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00								
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00								
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00								
	Drinking Water	250.	2	0	0.00	2	0	0.00								
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00								
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00								
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00								
	Drinking Water	50.	2	0	0.00	2	0	0.00								
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
	Drinking Water	5.	1	0	0.00	1	0	0.00								
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01040 COPPER, DISSOLVED	Fresh Acute	18.	2	1	0.50	2	1	0.50								
	Drinking Water	1300.	2	0	0.00	2	0	0.00								
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00								
	Drinking Water	15.	1	0	0.00	1	0	0.00								
01090 ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50								
	Drinking Water	5000.	2	0	0.00	2	0	0.00								
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00								
	Drinking Water	50.	1	0	0.00	1	0	0.00								
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00								
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00								
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00								
	Drinking Water	2.	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0127

NPS Station ID: BLRI0127
 Location: 29DS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001
 Major Basin:
 Minor Basin:
 RF1 Index: 05050001
 RF3 Index: 05050001045800.00
 Description:

LAT/LON: 36.931115/ -80.185559

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.68

Agency: 112WRD
 FIPS State/County: 51063 VIRGINIA/FLOYD
 STORET Station ID(s): 365548080111701
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.50
 Distance from RF3: 0.23

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/24/79	2	13.25	13.25	15.	11.5	6.125	2.475	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/24/79	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/24/79	2	63.	63.	63.	63.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/74-07/24/79	2	7.2	7.2	7.5	6.9	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/74-07/24/79	2	7.104	7.104	7.5	6.9	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/74-07/24/79	2	0.079	0.079	0.126	0.032	0.004	0.067	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/24/79	2	4.6	4.6	7.5	1.7	16.82	4.101	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/74-07/24/79	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/24/79	2	35.5	35.5	37.	34.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/24/79	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/24/79	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/24/79	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/24/79	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/10/74-07/24/79	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/74-07/24/79	2	5.6	5.6	6.2	5.	0.72	0.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/24/79	2	2.6	2.6	2.8	2.4	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/74-07/24/79	2	1.7	1.7	1.8	1.6	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/10/74-07/24/79	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/10/74-07/24/79	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/24/79	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/24/79	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/24/79	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/24/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/10/74-07/24/79	2	19.5	19.5	21.	18.	4.5	2.121	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/24/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/24/79-07/24/79	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/24/79	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/79-07/24/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/24/79	2	47.	47.	90.	4.	3698.	60.811	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/24/79	2	55.	55.	56.	54.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/24/79	2	49.5	49.5	51.	48.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/24/79	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/24/79	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0127

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00								
	Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00								
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00								
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00								
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00								
	Drinking Water	250.	2	0	0.00	2	0	0.00								
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00								
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00								
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00								
	Drinking Water	50.	2	0	0.00	2	0	0.00								
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
	Drinking Water	5.	1	0	0.00	1	0	0.00								
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01040 COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00								
	Drinking Water	1300.	2	0	0.00	2	0	0.00								
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00								
	Drinking Water	15.	1	0	0.00	1	0	0.00								
01090 ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00								
	Drinking Water	5000.	2	0	0.00	2	0	0.00								
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00								
	Drinking Water	50.	1	0	0.00	1	0	0.00								
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00								
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00								
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00								
	Drinking Water	2.	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0128

NPS Station ID: BLRI0128
 Location: 29D 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001
 Major Basin: U
 Minor Basin:
 RF1 Index: 05050001
 RF3 Index: 03010101087000.00
 Description:

LAT/LON: 36.930559/ -80.186115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.21

Agency: 112WRD
 FIPS State/County: 51067 VIRGINIA/FRANKLIN
 STORET Station ID(s): 365550080110901
 Within Park Boundary: Yes

Date Created: 09/22/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 10.40
 Distance from RF3: 0.47

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/79-07/24/79	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/24/79-07/24/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/79-07/24/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-07/24/79	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/79-07/24/79	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/79-07/24/79	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/79-07/24/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/24/79-07/24/79	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/24/79-07/24/79	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/24/79-07/24/79	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/24/79-07/24/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-07/24/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-07/24/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-07/24/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS P04)	07/24/79-07/24/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/79-07/24/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/24/79-07/24/79	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/24/79-07/24/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/24/79-07/24/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/24/79-07/24/79	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/24/79-07/24/79	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/24/79-07/24/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/24/79-07/24/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/24/79-07/24/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/79-07/24/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/79-07/24/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/79-07/24/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/79-07/24/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/24/79-07/24/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/24/79-07/24/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	07/24/79-07/24/79	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/79-07/24/79	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/24/79-07/24/79	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/79-07/24/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	07/24/79-07/24/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	07/24/79-07/24/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/24/79-07/24/79	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/79-07/24/79	1	96.	96.	96.	96.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/24/79-07/24/79	1	99.	99.	99.	99.	99.	0.	0.	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/24/79-07/24/79	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-07/24/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-07/24/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/79-07/24/79	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	07/24/79-07/24/79	1	245.	245.	245.	245.	0.	0.	**	**	**	
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/24/79-07/24/79	1	39.	39.	39.	39.	0.	0.	**	**	**	
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/24/79-07/24/79	1	245.	245.	245.	245.	0.	0.	**	**	**	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0128

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	1	0	0.00	1	0	0.00									
00940	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	1	0	0.00	1	0	0.00									
71890	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0129

NPS Station ID: BLRI0129
 Location: 28CS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001
 Major Basin: U
 Minor Basin:
 RF1 Index: 05050001
 RF3 Index: 03010103055600.00
 Description:

LAT/LON: 36.804448/ -80.362227

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.39

Agency: 112WRD
 FIPS State/County: 51063 VIRGINIA/FLOYD
 STORET Station ID(s): 364816080214401
 Within Park Boundary: Yes

Date Created: 09/13/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 9.90
 Distance from RF3: 0.67

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/71-07/25/79	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/71-07/25/79	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/71-07/25/79	2	29.5	29.5	33.	26.	24.5	4.95	**	**	**
00400	PH (STANDARD UNITS)	10/13/71-07/25/79	2	7.	7.	7.9	6.1	1.62	1.273	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/71-07/25/79	2	6.394	6.394	7.9	6.1	2.354	1.534	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/71-07/25/79	2	0.403	0.403	0.794	0.013	0.306	0.553	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/13/71-07/25/79	2	3.9	3.9	7.6	0.2	27.38	5.233	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/13/71-07/25/79	2	6.	6.	7.	5.	2.	1.414	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/13/71-07/25/79	2	7.	7.	8.	6.	2.	1.414	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/13/71-07/25/79	2	0.	0.	0.	0.	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-07/25/79	2	0.305	0.305	0.45	0.16	0.042	0.205	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/79-07/25/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/13/71-07/25/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/79-07/25/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/13/71-07/25/79	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/13/71-07/25/79	2	2.	2.	4.	0.	8.	2.828	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/13/71-07/25/79	2	1.9	1.9	2.	1.8	0.02	0.141	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/13/71-07/25/79	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/13/71-07/25/79	2	1.25	1.25	1.4	1.1	0.045	0.212	**	**	**
00931	SODIUM ADSORPTION RATIO	10/13/71-07/25/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00932	SODIUM, PERCENT	10/13/71-07/25/79	2	25.	25.	25.	25.	0.	0.	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/71-07/25/79	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/71-07/25/79	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/71-07/25/79	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/71-07/25/79	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/13/71-07/25/79	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/13/71-10/13/71	1	0.	0.	0.	0.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	10/13/71-10/13/71	1	0.	0.	0.	0.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	10/13/71-07/25/79	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/13/71-10/13/71	1	2.	2.	2.	2.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	10/13/71-10/13/71	1	20.	20.	20.	20.	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS Ni)	10/13/71-10/13/71	1	2.	2.	2.	2.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/13/71-10/13/71	1	10.	10.	10.	10.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/71-07/25/79	2	24.5	24.5	27.	22.	12.5	3.536	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/71-07/25/79	2	23.	23.	25.	21.	8.	2.828	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/25/79-07/25/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/71-07/25/79	2	1.35	1.35	2.	0.7	0.845	0.919	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/25/79-07/25/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0129

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00										
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00										
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00										
	Drinking Water	5.	1	0	0.00	1	0	0.00										
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00										
	Drinking Water	15.	1	0	0.00	1	0	0.00										
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00										
	Drinking Water	100.	1	0	0.00	1	0	0.00										
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00										
	Drinking Water	5000.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0130

NPS Station ID: BLRI0130
 Location: 27CS 1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010103
 Major Basin: U
 Minor Basin:
 RF1 Index: 03010103
 RF3 Index: 03010103006609.05
 Description:

LAT/LON: 36.777505/ -80.391115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 9.87

Agency: 112WRD
 FIPS State/County: 51141 VIRGINIA/PATRICK
 STORET Station ID(s): 364639082232801
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 3.70
 Distance from RF3: 0.39

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/74-07/25/79	2	11.25	11.25	11.5	11.	0.125	0.354	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/74-07/25/79	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/74-07/25/79	2	26.	26.	32.	20.	72.	8.485	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/74-07/25/79	2	6.5	6.5	6.6	6.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/74-07/25/79	2	6.489	6.489	6.6	6.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/74-07/25/79	2	0.325	0.325	0.398	0.251	0.011	0.104	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/10/74-07/25/79	2	4.55	4.55	5.1	4.	0.605	0.778	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/74-07/25/79	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/74-07/25/79	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/10/74-07/25/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/25/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/10/74-07/25/79	2	0.43	0.43	0.57	0.29	0.039	0.198	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/74-07/25/79	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/10/74-07/25/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/74-07/25/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/74-07/25/79	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/10/74-07/25/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/10/74-07/25/79	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/74-07/25/79	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/10/74-07/25/79	2	1.05	1.05	1.3	0.8	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/10/74-07/25/79	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/10/74-07/25/79	2	24.	24.	28.	20.	32.	5.657	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/74-07/25/79	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/74-07/25/79	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/74-07/25/79	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/74-07/25/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/10/74-07/25/79	2	7.05	7.05	7.2	6.9	0.045	0.212	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/10/74-07/25/79	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/25/79-07/25/79	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/25/79-07/25/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/10/74-07/25/79	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/10/74-07/25/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/25/79-07/25/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/10/74-07/25/79	2 ##	40.5	40.5	80.	1.	3120.5	55.861	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/25/79-07/25/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/74-07/25/79	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/74-07/25/79	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/74-07/25/79	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/74-07/25/79	2	1.9	1.9	2.5	1.3	0.72	0.849	**	**	**	**
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/10/74-07/25/79	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/25/79-07/25/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0130

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	1	1.00	1	1	1.00									
01090 ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0131

NPS Station ID: BLRI0131
 Location: STATION #3 - AT DAM - PATRICK COUNTY
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010103
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010103
 RF3 Index: 03010103008802.93

LAT/LON: 36.678615/ -80.397781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.08

Agency: 21VASWCB
 FIPS State/County: 51141 VIRGINIA/PATRICK
 STORET Station ID(s): 4ADAN194.10
 Within Park Boundary: No

Date Created: 04/08/89

Description:
 VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING
 RIVER: DAN RIVER TALBOTT RESERVOIR PORTION SECTION: 03G

BASIN: 4A ROANOKE REGION: 2 WEST CENTRAL
 TOPO MAP #: 0105 TOPO MAP NAME: MEADOWS OF DAN, VA

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.10
 Distance from RF3: 0.07

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data Available for this Station *****

Station Inventory for Station: BLRI0132

NPS Station ID: BLRI0132
 Location: 27CS 2
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001
 Major Basin: U
 Minor Basin:
 RF1 Index: 05050001
 RF3 Index: 03010103108900.00
 Description:

LAT/LON: 36.754448/ -80.409448

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.86

Agency: 112WRD
 FIPS State/County: 51063 VIRGINIA/FLOYD
 STORET Station ID(s): 364516080243401
 Within Park Boundary: Yes

Date Created: 09/22/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.30
 Distance from RF3: 0.56

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0132

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/79-07/25/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/25/79-07/25/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/79-07/25/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/79-07/25/79	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/25/79-07/25/79	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/79-07/25/79	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/79-07/25/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/79-07/25/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/25/79-07/25/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/25/79-07/25/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/25/79-07/25/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/79-07/25/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/25/79-07/25/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/79-07/25/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/25/79-07/25/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/25/79-07/25/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/25/79-07/25/79	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/79-07/25/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/25/79-07/25/79	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/25/79-07/25/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/25/79-07/25/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00933	SODIUM, PLUS POTASSIUM (MG/L)	07/25/79-07/25/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/79-07/25/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	07/25/79-07/25/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/79-07/25/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/79-07/25/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/25/79-07/25/79	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	07/25/79-07/25/79	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/25/79-07/25/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/25/79-07/25/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/25/79-07/25/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/79-07/25/79	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/25/79-07/25/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0132

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00										
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00										
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00										
	Drinking Water	250.	1	0	0.00	1	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00										
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00										
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00										
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0133

NPS Station ID: BLRI0133
 Location: TOWNES RESERVOIR AT DAM
 Station Type: /TYP/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03010103
 Major Basin: 03-SOUTHEAST
 Minor Basin: 4-ROANOKE-YADKIN
 RF1 Index: 03010103
 RF3 Index: 05050001002205.48
 Description:
 VIRGINIA STATE WATER CONTROL BOARD
 RIVER: DAN RIVER TOWNES RESERVOIR
 LAKE STATION

LAT/LON: 36.685281/ -80.430003

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.48

AMBIENT MONITORING SECTION: 03G
 BASIN: 4A ROANOKE
 TOPO MAP #: 0105 TOPO MAP NAME: MEADOWS OF DAN, VA
 REGION: 2 WEST CENTRAL

Agency: 21VASWCB
 FIPS State/County: 51141 VIRGINIA/PATRICK
 STORET Station ID(s): 4ADAN187.94
 Within Park Boundary: No

Date Created: 08/14/93

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/93-08/10/93	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/93-08/10/93	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/93-08/10/93	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/93-08/10/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/10/93-08/10/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/10/93-08/10/93	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/93-08/10/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/10/93-08/10/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	08/10/93-08/10/93	1	136.	136.	136.	136.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	08/10/93-08/10/93	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	08/10/93-08/10/93	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	08/10/93-08/10/93	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	08/10/93-08/10/93	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
34259 DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351 ENDOSULFAN SULFATE TOTWUG/L	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34356 ENDOSULFAN, BETA TOTWUG/L	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34361 ENDOSULFAN, ALPHA TOTWUG/L	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34366 ENDRIN ALDEHYDE TOTWUG/L	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34671 PCB - 1016 TOTWUG/L	08/10/93-08/10/93	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
38745 2,4-DB WATER, TOTUG/L	08/10/93-08/10/93	1##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39337 ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/10/93-08/10/93	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th		
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.025	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.15	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	08/10/93-08/10/93	1 ##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	08/10/93-08/10/93	1	14.	14.	14.	14.	14.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/10/93-08/10/93	1	0.01	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/10/93-08/10/93	1 ##	0.15	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	08/10/93-08/10/93	1 ##	0.005	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/93-08/10/93	1	1.4	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0133

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0133

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00										
	Drinking Water	0.4	1	0	0.00	1	0	0.00										
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00										
	Drinking Water	0.2	1	0	0.00	1	0	0.00										
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00										
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00										
	Drinking Water	2.	1	0	0.00	1	0	0.00										
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0134

NPS Station ID: BLRI0134 LAT/LON: 36.458338/ -81.166671
 Location: LITTLE RIVER @ SR1140 @ WHITEHED-INACTIVE 810227
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 05050001004009.42 RF3 Mile Point: 9.42
 Description:
 LOCATION:FROM JCT US21 & US18, GO SW TO US18, 4.3MI TO WHITEHEAD. GO US 18.12MI TO SR1140, LEFT ON SR11400 & GO .05MI TO BRIDGE. LOCATED ON LTL
 R TO DEFINE QUALITY OF WATER IN THE UPPER REACHES OF SUB-BASIN 050703. SAMPLE @ MIDPOINT @ MID DEPTH ON DWNSTRM SIDE OF BRIDGE BY OWAR.
 ACTIVATION DATE 731001.

Agency: 21NC01WQ
 FIPS State/County: 37005 NORTH CAROLINA/ALLEGHANY
 STORET Station ID(s): K8500000 /NEW017A /050703005 /03162852
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	83	10.	10.184	20.	0.	29.081	5.393	2.4	6.	14.5	18.
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	83	25.	45.904	100.	0.	1722.039	41.497	0.	10.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	81	0.	0.219	3.	0.	0.346	0.588	0.	0.	0.08	0.95
00060	FLOW, STREAM, MEAN DAILY CFS	01/10/74-05/15/75	13	11.	13.692	46.	9.	96.731	9.835	9.	10.	12.5	33.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/75-01/28/81	31	9.	10.129	27.	4.	30.783	5.548	4.2	6.	11.	20.2
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	56	4.195	3.733	33.18	0.7	17.888	4.229	1.01	1.763	4.285	4.37
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/28/73-01/28/81	15	3.	5.173	22.	2.	37.854	6.153	2.	2.	4.8	19.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/74-01/28/81	41	20.	20.512	40.	2.	51.206	7.156	10.	20.	25.	29.8
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	83	10.2	10.289	14.6	7.3	2.223	1.491	8.3	9.3	11.2	12.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-09/28/78	23	89.	89.696	118.	77.	91.494	9.565	79.4	83.	95.	103.2
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	82	0.7	0.784	5.5	0.05	0.527	0.726	0.1	0.4	1.1	1.47
00335	COD, .025N K2CR2O7 MG/L	11/28/73-11/28/73	1 ##	12.5	12.5	12.5	0.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	79 ##	5.	10.69	230.	5.	664.649	25.781	5.	5.	12.5	12.5
00400	PH (STANDARD UNITS)	11/28/73-01/28/81	44	6.6	6.543	7.9	4.	0.304	0.551	6.	6.4	6.875	7.05
00400	CONVERTED PH (STANDARD UNITS)	11/28/73-01/28/81	44	6.6	5.582	7.9	4.	1.25	1.118	6.	6.4	6.875	7.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/73-01/28/81	44	0.251	2.621	100.	0.013	225.754	15.025	0.09	0.134	0.398	1.
00403	PH, LAB, STANDARD UNITS SU	12/18/79-06/03/80	7	6.4	6.371	7.	6.	0.099	0.315	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-06/03/80	7	6.4	6.294	7.	6.	0.106	0.326	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-06/03/80	7	0.398	0.508	1.	0.1	0.079	0.281	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/28/73-06/03/80	39	7.	9.333	90.	4.	182.754	13.519	5.	5.	8.	12.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/28/73-09/25/79	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	07/21/80-01/28/81	7	9.	9.714	15.	7.	6.571	2.563	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/79-02/27/79	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/79-02/27/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	04/04/74-04/04/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-01/28/81	27 ##	0.025	0.034	0.21	0.025	0.001	0.036	0.025	0.025	0.025	0.052
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-01/28/81	27	0.1	0.113	0.5	0.05	0.009	0.096	0.05	0.05	0.14	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-01/28/81	27	0.33	0.331	0.7	0.08	0.014	0.117	0.186	0.27	0.36	0.48
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/10/75-03/15/76	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-01/28/81	27 ##	0.025	0.034	0.25	0.025	0.002	0.043	0.025	0.025	0.025	0.03
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/08/75-01/08/75	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	10/02/74-01/28/81	24 ##	5.	5.625	10.	5.	2.853	1.689	5.	5.	5.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/02/74-01/28/81	24 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/02/74-01/28/81	24 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	01/08/75-01/28/81	22 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	10/02/74-01/28/81	24 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	10/02/74-01/28/81	24	200.	322.5	1300.	50.	133202.174	364.969	75.	100.	352.5	1150.
01051	LEAD, TOTAL (UG/L AS PB)	10/02/74-01/28/81	24 ##	50.	52.083	100.	50.	104.167	10.206	50.	50.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/74-01/28/81	24 ##	25.	33.333	180.	25.	1060.145	32.56	25.	25.	25.	47.5
01067	NICKEL, TOTAL (UG/L AS NI)	10/02/74-01/28/81	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/02/74-01/08/75	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/02/74-01/28/81	24 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/07/74-01/08/75	2	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	80	45.	1129.625	70000.	5.	61267533.402	7827.358	5.	10.	187.5	721.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	80	1.651	1.726	4.845	0.699	0.739	0.86	0.699	1.	2.273	2.856
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			53.152								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/08/75-01/08/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
50086	SETTLABLE MATTER (ML/L/HR)	06/29/77-06/29/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/18/76-01/28/81	21 ##	0.025	0.03	0.13	0.025	0.001	0.023	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	11/07/74-01/28/81	22 ##	0.25	0.327	1.4	0.25	0.071	0.267	0.25	0.25	0.25	0.635
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	01/27/77-06/29/77	5	8.	8.4	12.	7.	4.3	2.074	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	10/24/78-01/28/81	21	4.42	4.546	5.3	3.73	0.239	0.489	3.926	4.19	5.075	5.29

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0134

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	5	0	0.00	8	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	83	0	0.00	22	0	0.00	41	0	0.00	20	0	0.00			
00400	PH	Other-Hi Lim.	9.	44	0	0.00	10	0	0.00	24	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	44	20	0.45	10	5	0.50	24	10	0.42	10	5	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00				4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	7	6	0.86				4	4	1.00	3	2	0.67			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	27	0	0.00	6	0	0.00	15	0	0.00	6	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	50.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	1	0.04	6	0	0.00	13	1	0.08	5	0	0.00			
		Drinking Water	15.	1 &	1	1.00				1	1	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	1	0	0.00	5	0	0.00						
		Drinking Water	100.	6	0	0.00	1	0	0.00	5	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	5000.	24	0	0.00	6	0	0.00	13	0	0.00	5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	80	18	0.23	22	5	0.23	37	3	0.08	21	10	0.48			
71900	MERCURY, TOTAL	Fresh Acute	2.4	22	0	0.00	4	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	2.	22	0	0.00	4	0	0.00	13	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	1	3.114	3.114	3.114	3.114	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		1300.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	11	11.	10.455	17.	1.	20.673	4.547	2.	8.	13.	16.8
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	11	50.	56.364	100.	0.	2025.455	45.005	0.	10.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	10	0.	0.375	2.	0.	0.462	0.68	0.	0.	0.813	1.9
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	9	4.22	7.333	33.18	3.22	94.059	9.698	3.22	4.165	4.305	33.18
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	11	10.4	10.436	11.4	9.7	0.359	0.599	9.7	9.8	11.	11.38
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	10	1.1	1.4	5.5	0.2	2.327	1.525	0.2	0.5	1.525	5.11
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	8 ##	12.5	44.875	230.	12.5	5806.196	76.198	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	9	220.	8455.556	70000.	10.	535224302.778	23134.915	10.	65.	2670.	70000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	9	2.342	2.495	4.845	1.	1.33	1.153	1.	1.739	3.115	4.845
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		312.703									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	12	12.	11.083	17.	5.	20.083	4.481	5.3	6.25	14.75	17.
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	12	70.	57.5	100.	0.	1852.273	43.038	0.	13.75	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	12	0.	0.038	0.2	0.	0.004	0.064	0.	0.	0.088	0.17
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	9	4.23	4.248	4.42	4.11	0.009	0.097	4.11	4.18	4.315	4.42
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	12	10.2	10.017	12.5	8.3	1.907	1.381	8.3	8.675	10.675	12.35
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	11	0.7	0.714	1.6	0.05	0.276	0.525	0.08	0.2	1.1	1.58
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	11 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	11	40.	137.727	770.	5.	50921.818	225.659	5.	5.	190.	666.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	11	1.602	1.604	2.886	0.699	0.603	0.776	0.699	0.699	2.279	2.789
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		40.196									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	11	10.	9.273	15.	0.	26.418	5.14	0.6	6.	15.	15.
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	11	40.	51.818	100.	0.	1921.364	43.833	0.	100.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	9	0.	0.123	1.	0.	0.109	0.33	0.	0.	0.055	1.
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	7	4.22	4.251	4.35	4.17	0.004	0.062	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	11	10.3	10.191	12.2	7.6	1.627	1.276	7.88	9.4	11.1	12.04
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	11	0.8	0.695	1.3	0.05	0.198	0.445	0.06	0.3	1.1	1.28
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	11 ##	5.	5.909	15.	5.	9.091	3.015	5.	5.	5.	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	50.	245.455	1700.	5.	257602.273	507.545	5.	10.	130.	1470.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	1.699	1.664	3.23	0.699	0.732	0.855	0.699	1.	2.114	3.132
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	46.115								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	12.75	11.567	19.	1.8	34.208	5.849	2.46	6.25	17.125	19.
00032	CLOUD COVER (PERCENT)	12	20.	39.167	100.	0.	1535.606	39.187	3.	10.	87.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.011	0.06	0.	0.	0.02	0.	0.	0.018	0.054
00065	STAGE, STREAM (FEET)	5	4.34	4.318	4.37	4.19	0.006	0.075	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12	9.6	10.433	14.6	8.	4.368	2.09	8.06	9.025	12.1	14.18
00310	BOD, 5 DAY, 20 DEG C MG/L	12	0.3	0.392	1.1	0.05	0.153	0.391	0.05	0.05	0.65	1.1
00340	COD, .25N K2CR2O7 MG/L	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	100.	262.5	1600.	10.	199093.182	446.199	10.	20.	347.5	1246.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	1.998	1.937	3.204	1.	0.503	0.709	1.	1.301	2.541	3.03
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	86.576								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	9.5	10.542	20.	0.	36.066	6.006	0.6	8.	15.5	19.4
00032	CLOUD COVER (PERCENT)	12	15.	25.	100.	0.	790.909	28.123	0.	10.	37.5	85.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.073	0.5	0.	0.023	0.15	0.	0.	0.118	0.41
00065	STAGE, STREAM (FEET)	9	3.56	3.193	4.41	1.58	1.648	1.284	1.58	1.585	4.37	4.41
00300	OXYGEN, DISSOLVED MG/L	12	9.5	9.733	12.2	7.3	2.417	1.555	7.57	8.35	10.6	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12	0.95	0.9	1.7	0.4	0.173	0.416	0.4	0.525	1.1	1.61
00340	COD, .25N K2CR2O7 MG/L	12 ##	5.	6.917	16.	5.	13.538	3.679	5.	5.	9.5	14.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	55.	315.417	2700.	5.	581374.811	762.479	5.	6.25	187.5	2028.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	1.724	1.684	3.431	0.699	0.791	0.889	0.699	0.774	2.273	3.201
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	48.358								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	10.	9.909	19.5	1.	35.041	5.92	1.6	5.	15.5	19.2
00032	CLOUD COVER (PERCENT)	12	10.	40.833	100.	0.	2226.515	47.186	0.	0.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.383	3.	0.	0.772	0.879	0.	0.	0.4	2.4
00065	STAGE, STREAM (FEET)	7	1.75	1.799	2.1	1.57	0.033	0.182	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11	10.2	10.564	14.1	8.2	3.439	1.854	8.32	9.	12.2	13.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12	0.7	0.85	3.	0.2	0.572	0.756	0.2	0.45	0.8	2.55
00340	COD, .25N K2CR2O7 MG/L	12 ##	5.	6.25	15.	5.	9.659	3.108	5.	5.	5.	13.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	15.	84.583	740.	5.	43347.538	208.201	5.	6.25	45.	548.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	1.151	1.327	2.869	0.699	0.411	0.641	0.699	0.774	1.644	2.608
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	21.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	12	7.5	8.583	19.	1.	41.72	6.459	1.	3.25	14.75	18.7
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	11	50.	50.909	100.	0.	1749.091	41.822	0.	10.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	12	0.	0.317	2.	0.	0.376	0.613	0.	0.	0.45	1.7
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	9	1.1	1.271	2.27	0.7	0.333	0.577	0.7	0.775	1.81	2.27
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	12	10.35	10.525	12.4	8.7	1.535	1.239	8.79	9.5	11.75	12.28
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	12	0.7	0.658	1.1	0.1	0.072	0.268	0.16	0.525	0.8	1.04
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	12##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	11	40.	72.273	300.	5.	8441.818	91.879	5.	5.	120.	272.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	11	1.602	1.467	2.477	0.699	0.445	0.667	0.699	0.699	2.079	2.423
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			29.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			10.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	22	16.5	15.841	20.	8.	9.462	3.076	11.3	14.	18.25	19.35
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	21	40.	41.19	100.	0.	1369.762	37.01	0.	5.	85.	98.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	22	0.	0.051	0.5	0.	0.022	0.147	0.	0.	0.001	0.38
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	15	4.29	3.729	4.42	0.8	1.545	1.243	1.262	4.22	4.36	4.414
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/74-01/28/81	9	20.	21.667	30.	19.	14.	3.742	19.	20.	23.	30.
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	22	9.1	9.195	11.4	7.3	0.785	0.886	8.2	8.65	9.65	10.34
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	21	1.	0.995	3.	0.1	0.431	0.657	0.2	0.55	1.35	1.68
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	20##	5.	7.675	16.	5.	14.955	3.867	5.	5.	12.5	12.5
00400	PH (STANDARD UNITS)	11/28/73-01/28/81	10	6.55	6.5	7.1	5.9	0.224	0.474	5.9	5.975	7.	7.09
00400	CONVERTED PH (STANDARD UNITS)	11/28/73-01/28/81	10	6.547	6.288	7.1	5.9	0.274	0.524	5.9	5.975	7.	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/73-01/28/81	10	0.284	0.515	1.259	0.079	0.236	0.486	0.081	0.1	1.065	1.259
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/28/73-06/03/80	7	7.	8.857	17.	5.	17.81	4.22	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-01/28/81	6##	0.025	0.031	0.06	0.025	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-01/28/81	6	0.15	0.133	0.2	0.05	0.006	0.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-01/28/81	6	0.285	0.285	0.36	0.17	0.004	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-01/28/81	6##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/02/74-01/28/81	6##	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/02/74-01/28/81	6##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/02/74-01/28/81	6##	25.	25.	25.	25.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	01/08/75-01/28/81	5##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/02/74-01/28/81	6##	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/02/74-01/28/81	6	285.	295.	600.	100.	38950.	197.358	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/02/74-01/28/81	6##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/74-01/28/81	6##	25.	50.833	180.	25.	4004.167	63.278	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/02/74-01/28/81	6##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	22	110.	260.227	1700.	5.	210010.66	458.269	13.	40.	205.	1222.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	22	2.041	2.02	3.23	0.699	0.371	0.609	1.09	1.602	2.309	3.002
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			104.676								
71900	MERCURY, TOTAL (UG/L AS HG)	11/07/74-01/28/81	4##	0.25	0.538	1.4	0.25	0.331	0.575	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	41	6.	5.959	13.	0.	12.145	3.485	1.	3.5	8.	10.8
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	41	10.	40.244	100.	0.	1843.689	42.938	0.	5.	95.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	39	0.	0.296	3.	0.	0.561	0.749	0.	0.	0.1	1.
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	23	4.13	4.123	33.18	0.7	42.319	6.505	0.72	1.58	4.22	4.358
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/74-01/28/81	20	20.	20.7	40.	5.	62.537	7.908	9.1	16.25	25.	30.8
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	41	11.1	11.302	14.6	9.	1.569	1.252	9.72	10.5	12.2	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	39	0.5	0.565	1.5	0.05	0.163	0.403	0.05	0.2	0.8	1.1
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	38##	5.	6.737	12.5	5.	10.037	3.168	5.	5.	6.5	12.5
00400	PH (STANDARD UNITS)	11/28/73-01/28/81	24	6.6	6.496	7.2	4.	0.368	0.607	6.05	6.425	6.775	7.
00400	CONVERTED PH (STANDARD UNITS)	11/28/73-01/28/81	24	6.6	5.35	7.2	4.	1.738	1.318	6.05	6.425	6.775	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/73-01/28/81	24	0.251	4.467	100.	0.063	414.115	20.35	0.103	0.169	0.378	0.897
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/28/73-06/03/80	20	6.	11.15	90.	5.	349.397	18.692	5.	5.25	8.	12.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-01/28/81	15##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-01/28/81	15##	0.05	0.077	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-01/28/81	15	0.33	0.327	0.48	0.08	0.013	0.114	0.146	0.25	0.45	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-01/28/81	15##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01002	ARSENIC, TOTAL (UG/L AS AS)	10/02/74-01/28/81	13##	5.	5.769	10.	5.	3.526	1.878	5.	5.	5.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/02/74-01/28/81	13##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/02/74-01/28/81	13##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	01/08/75-01/28/81	12##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	10/02/74-01/28/81	13##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	10/02/74-01/28/81	13	100.	143.846	280.	50.	5325.641	72.977	50.	100.	205.	260.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01051	LEAD, TOTAL (UG/L AS PB)	10/02/74-01/28/81	13 ##	50.	53.846	100.	50.	192.308	13.868	50.	50.	50.	80.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/74-01/28/81	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/02/74-01/28/81	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	37	10.	134.324	2700.	5.	234394.67	484.143	5.	5.	35.	148.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	37	1.	1.221	3.431	0.699	0.454	0.673	0.699	0.699	1.54	2.129
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			16.623								
71900	MERCURY, TOTAL (UG/L AS HG)	11/07/74-01/28/81	13 ##	0.25	0.292	0.8	0.25	0.023	0.153	0.25	0.25	0.25	0.58

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/73-01/28/81	20	13.	12.625	18.	7.	7.628	2.762	9.	10.25	14.875	15.95
00032	CLOUD COVER (PERCENT)	11/28/73-01/28/81	21	90.	61.667	100.	0.	1653.333	40.661	10.	20.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/28/73-01/28/81	20	0.015	0.253	2.	0.	0.265	0.515	0.	0.	0.175	1.
00065	STAGE, STREAM (FEET)	01/10/74-01/28/81	18	3.835	3.238	4.37	1.1	1.37	1.17	1.37	2.03	4.208	4.325
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/74-01/28/81	12	20.	19.333	30.	2.	65.333	8.083	4.4	12.5	25.	28.5
00300	OXYGEN, DISSOLVED MG/L	11/28/73-01/28/81	20	9.45	9.415	11.2	7.6	1.019	1.01	8.02	8.375	10.2	10.94
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/73-01/28/81	22	0.7	0.97	5.5	0.05	1.157	1.076	0.33	0.5	1.1	1.57
00340	COD, .25N K2CR2O7 MG/L	03/19/74-01/28/81	21 ##	5.	20.714	230.	5.	2415.064	49.143	5.	5.	12.5	46.2
00400	PH (STANDARD UNITS)	11/28/73-01/28/81	10	6.55	6.7	7.9	6.1	0.251	0.501	6.13	6.4	6.925	7.81
00400	CONVERTED PH (STANDARD UNITS)	11/28/73-01/28/81	10	6.547	6.53	7.9	6.1	0.283	0.532	6.13	6.4	6.925	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/73-01/28/81	10	0.284	0.295	0.794	0.013	0.05	0.223	0.021	0.119	0.398	0.755
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/28/73-06/03/80	12	6.5	6.583	11.	4.	3.72	1.929	4.3	5.	7.	10.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-01/28/81	6 ##	0.025	0.06	0.21	0.025	0.006	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-01/28/81	6	0.12	0.182	0.5	0.05	0.027	0.164	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-01/28/81	6	0.335	0.388	0.7	0.28	0.024	0.155	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-01/28/81	6 ##	0.025	0.067	0.25	0.025	0.008	0.09	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/02/74-01/28/81	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/02/74-01/28/81	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/02/74-01/28/81	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	01/08/75-01/28/81	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/02/74-01/28/81	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/02/74-01/28/81	5	1000.	820.	1300.	200.	287000.	535.724	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/02/74-01/28/81	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/74-01/28/81	5 ##	25.	34.	70.	25.	405.	20.125	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/02/74-01/28/81	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	21	180.	3794.048	70000.	5.	231246139.048	15206.779	20.	55.	505.	4154.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/28/73-01/28/81	21	2.255	2.307	4.845	0.699	0.792	0.89	1.301	1.739	2.702	3.536
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			202.591								
71900	MERCURY, TOTAL (UG/L AS HG)	11/07/74-01/28/81	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0135

NPS Station ID: BLRI0135 LAT/LON: 36.347226/ -81.404448
 Location: S FK NEW RIVER NR GLENDALE SPGS-INACTIVE 810227
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001062 RF1 Mile Point: 13.430
 RF3 Index: 05050001004704.08 RF3 Mile Point: 4.07
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37009 NORTH CAROLINA/ASHE
 STORET Station ID(s): K3000000 /NEW008 /03160955
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.30

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	56	12.	12.473	28.5	0.	61.24	7.826	1.85	7.	18.75	22.9
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	48	20.	36.5	100.	0.	1286.298	35.865	0.	0.5	67.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	48	0.	0.456	10.	0.	2.326	1.525	0.	0.	0.188	1.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/27/79-01/28/81	12	329.	833.667	4530.	155.	1555072.788	1247.026	162.2	210.25	1050.75	3642.
00065	STAGE, STREAM (FEET)	05/11/71-01/28/81	21	2.81	3.204	6.8	1.82	1.554	1.247	1.93	2.1	4.07	4.31
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-01/28/81	10	6.	10.1	34.	4.	93.878	9.689	4.	4.	12.5	32.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-01/28/81	22	20.	25.	50.	5.	174.	13.191	6.5	17.5	32.5	45.5
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	56	10.4	10.364	14.8	7.2	3.003	1.733	7.97	8.95	11.875	12.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/28/78	20	93.5	95.1	123.	83.	97.884	9.894	84.2	86.5	100.25	108.7
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	49	0.9	1.165	7.8	0.1	1.299	1.14	0.3	0.65	1.2	2.
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	48 ##	5.	6.125	28.	5.	19.218	4.384	5.	5.	5.	5.5
00400	PH (STANDARD UNITS)	05/06/70-01/28/81	35	6.8	6.821	8.7	5.65	0.307	0.554	6.26	6.4	7.	7.48
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-01/28/81	35	6.8	6.552	8.7	5.65	0.382	0.618	6.26	6.4	7.	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-01/28/81	35	0.158	0.281	2.239	0.002	0.152	0.39	0.034	0.1	0.398	0.553
00403	PH, LAB, STANDARD UNITS SU	11/19/79-06/03/80	8	6.4	6.513	7.	6.2	0.084	0.29	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/79-06/03/80	8	6.389	6.439	7.	6.2	0.09	0.3	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/79-06/03/80	8	0.409	0.364	0.631	0.1	0.038	0.196	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-06/03/80	34	11.	11.441	24.	6.	17.163	4.143	6.	8.	15.	16.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/11/79	15	0.	0.467	7.	0.	3.267	1.807	0.	0.	0.	2.8
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	07/21/80-01/28/81	7	14.	13.714	17.	6.	13.905	3.729	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	03/23/78-03/23/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/79-02/27/79	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/79-02/27/79	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/18/73-07/18/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/77-01/28/81	17 ##	0.025	0.036	0.1	0.025	0.001	0.023	0.025	0.025	0.038	0.084
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/77-01/28/81	17	0.2	0.232	0.6	0.05	0.026	0.161	0.09	0.1	0.3	0.52
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	01/27/77-01/28/81	17	0.35	0.421	0.75	0.22	0.029	0.169	0.228	0.315	0.515	0.726
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/77-01/28/81	17 ##	0.025	0.064	0.24	0.025	0.004	0.062	0.025	0.025	0.095	0.192
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/18/73-07/18/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/73-07/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/73-07/18/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/73-01/28/81	16 ##	5.	5.875	19.	5.	12.25	3.5	5.	5.	5.	9.2
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/18/73-07/18/73	1	83.	83.	83.	83.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/77-01/28/81	15 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/77-01/28/81	15 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	07/18/73-01/28/81	16 ##	50.	46.881	50.	0.1	155.626	12.475	35.03	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	07/18/73-01/28/81	16 ##	20.	27.188	135.	20.	826.563	28.75	20.	20.	20.	54.5
01045	IRON, TOTAL (UG/L AS FE)	07/18/73-01/28/81	16	350.	888.75	5800.	0.	2339558.333	1529.561	35.	100.	825.	3980.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	07/18/73-01/28/81	16 ##	50.	46.875	50.	0.	156.25	12.5	35.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/77-01/28/81	14 ##	25.	53.571	230.	25.	3467.033	58.882	25.	25.	67.5
01067	NICKEL, TOTAL (UG/L AS NI)	10/18/77-01/28/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/77-01/28/81	15 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/18/73	2	3800.	3800.	7500.	100.	27380000.	5232.59	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	05/06/70-07/18/73	2	2.938	2.938	3.875	2.	1.758	1.326	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/18/73	2	2.938	2.938	3.875	2.	1.758	1.326	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/73-07/18/73	1	2.	2.	2.	2.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/73-07/18/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/18/73-07/18/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/70-01/28/81	52	55.	466.442	10000.	5.	2148074.84	1465.631	5.	10.	217.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/70-01/28/81	52	1.739	1.784	4.	0.699	0.728	0.853	0.699	1.	2.337
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/70-01/28/81	52	1.739	1.784	4.	0.699	0.728	0.853	0.699	1.	2.337
50086	SETTLABLE MATTER (ML/L/HR)	06/29/77-06/29/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	03/23/78-03/23/78	1	25.	25.	25.	25.	0.	0.	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/77-01/28/81	17 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
71880	FORMALDEHYDE (MG/L)	07/18/73-07/18/73	1	0.	0.	0.	0.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/10/70-01/28/81	16 ##	0.25	0.403	1.	0.25	0.072	0.268	0.25	0.25	0.5
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	01/27/77-08/08/77	4	296.	247.25	395.	2.	32084.25	179.121	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0135

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	10	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00				
00300	OXYGEN, DISSOLVED	4.	56	0	0.00	15	0	0.00	27	0	0.00	14	0	0.00				
00400	PH	9.	35	0	0.00	12	0	0.00	14	0	0.00	9	0	0.00				
00403	PH, LAB	Other-Lo Lim.	6.5	35	11	0.31	12	4	0.33	14	4	0.29	9	3	0.33			
		Other-Hi Lim.	9.	8	0	0.00				5	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	8	5	0.63				5	4	0.80	3	1	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	17	0	0.00	4	0	0.00	9	0	0.00	4	0	0.00				
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	1	1.00	1	1	1.00									
		Drinking Water	0.2	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL	Fresh Acute	360.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
		Drinking Water	50.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
01010	BERYLLIUM, DISSOLVED	130.	1	0	0.00	1	0	0.00										
01027	CADMIUM, TOTAL	Fresh Acute	4.	1	1	1.00	1	1	1.00									
		Drinking Water	3.9	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	5.	0 &	0	0.00												
		Drinking Water	100.	15	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	18.	1 &	1	1.00	1	1	1.00										
01051	LEAD, TOTAL	Drinking Water	1300.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
		Fresh Acute	82.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Drinking Water	15.	1 &	0	0.00	1	0	0.00									
		Fresh Acute	1400.	3	0	0.00				3	0	0.00						
01092	ZINC, TOTAL	Drinking Water	100.	3	0	0.00				3	0	0.00						
		Fresh Acute	120.	15	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	5000.	15	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	0	0.00	1	0	0.00										
71900	MERCURY, TOTAL	Other-Hi Lim.	200.	52	15	0.29	15	4	0.27	24	3	0.13	13	8	0.62			
		Fresh Acute	2.4	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
	Drinking Water	2.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	4	18.5	17.25	21.	11.	22.917	4.787	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	4	9.35	9.675	12.3	7.7	4.883	2.21	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	3##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	3##	0.699	0.799	1.	0.699	0.03	0.174	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		6.3									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	2	8.9	8.9	9.9	7.9	2.	1.414	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	2##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	2##	1.849	1.849	2.	1.699	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		70.711									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		20.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	2	37.5	37.5	75.	0.	2812.5	53.033	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	2	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	2	10.8	10.8	11.2	10.4	0.32	0.566	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	2	1.15	1.15	1.2	1.1	0.005	0.071	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	2	780.	780.	1500.	60.	1036800.	1018.234	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	2	2.477	2.477	3.176	1.778	0.977	0.988	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		300.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	11	13.	14.5	28.5	2.	85.05	9.222	2.2	8.	25.	28.
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	11	20.	36.818	100.	0.	1071.364	32.732	2.	10.	60.	97.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	11	0.	0.09	0.61	0.	0.038	0.194	0.	0.	0.06	0.548
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	11	10.5	10.209	12.5	7.4	3.255	1.804	7.5	8.2	11.9	12.38
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	11	0.8	0.936	2.3	0.1	0.353	0.594	0.14	0.6	1.2	2.12
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	9	90.	392.222	1700.	5.	358488.194	598.739	5.	17.5	695.	1700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	9	1.954	1.981	3.23	0.699	0.826	0.909	0.699	1.088	2.752	3.23
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			95.704								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	11	14.	14.409	28.	0.	81.741	9.041	0.3	9.	22.	27.4
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	11	20.	40.636	100.	2.	1276.455	35.728	3.6	10.	75.	98.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	11	0.02	0.99	10.	0.	8.953	2.992	0.	0.	0.2	8.1
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	11	10.2	9.973	12.2	7.2	2.536	1.593	7.44	8.4	11.2	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	11	0.9	1.082	2.	0.4	0.248	0.498	0.42	0.8	1.5	1.92
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	11	40.	278.636	2300.	5.	455640.455	675.011	6.	20.	190.	1884.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	11	1.602	1.761	3.362	0.699	0.563	0.75	0.759	1.301	2.279	3.158
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			57.685								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	11	12.	12.591	20.5	4.	32.441	5.696	4.4	7.	17.	20.4
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	11	0.	33.182	100.	0.	1911.364	43.719	0.	0.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	11	0.	0.636	3.	0.	0.905	0.951	0.	0.	1.	2.7
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	11	10.1	10.127	12.6	8.5	1.644	1.282	8.54	8.9	10.5	12.48
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	11	1.	1.209	3.	0.2	0.937	0.968	0.22	0.3	1.9	2.96
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	11 ##	5.	8.182	28.	5.	49.164	7.012	5.	5.	10.	24.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	11	150.	1123.182	10000.	5.	8801261.364	2966.692	6.	20.	250.	8260.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	11	2.176	2.114	4.	0.699	0.873	0.934	0.759	1.301	2.398	3.823
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			130.137								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	12	7.	9.333	22.	1.	63.879	7.992	1.	1.25	17.75	21.4
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	11	20.	33.636	100.	0.	1445.455	38.019	0.	0.	70.	98.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	12	0.	0.25	2.	0.	0.386	0.622	0.	0.	0.	1.7
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	12	11.	10.975	13.4	8.2	3.558	1.886	8.35	9.275	12.8	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	12	0.9	0.883	1.5	0.4	0.114	0.338	0.43	0.6	1.2	1.41
00340	COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	12 ##	5.	6.583	24.	5.	30.083	5.485	5.	5.	5.	18.3
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	12	10.	295.417	2600.	5.	545361.174	738.486	6.5	10.	195.	1958.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	12	1.	1.578	3.415	0.699	0.755	0.869	0.789	1.	2.29	3.189

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			37.837								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00032 CLOUD COVER (PERCENT)	10/22/74-01/28/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	11/16/76-01/28/81	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			10.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	15	20.5	21.067	28.5	13.	18.602	4.313	14.8	18.	25.	28.2
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	11	50.	46.364	100.	0.	1425.455	37.755	0.	20.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	12	0.	0.127	1.5	0.	0.187	0.432	0.	0.	0.004	1.056
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-01/28/81	3	40.	33.667	41.	20.	140.333	11.846	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	15	8.4	8.8	12.5	7.2	1.837	1.355	7.5	7.9	9.5	11.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	13	1.2	1.8	7.8	0.6	3.613	1.901	0.6	0.8	1.8	5.8
00400	PH (STANDARD UNITS)	05/06/70-01/28/81	12	6.75	6.933	8.7	6.3	0.441	0.664	6.33	6.425	7.25	8.31
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-01/28/81	12	6.747	6.682	8.7	6.3	0.509	0.714	6.33	6.425	7.25	8.31
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-01/28/81	12	0.179	0.208	0.501	0.002	0.027	0.165	0.013	0.057	0.378	0.47
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-06/03/80	9	15.	14.111	17.	11.	4.361	2.088	11.	12.	15.5	17.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	15	20.	208.333	1300.	5.	168284.524	410.225	8.	10.	200.	1180.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	15	1.301	1.665	3.114	0.699	0.554	0.745	0.88	1.	2.301	3.07
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			46.248								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	27	7.	6.019	14.	0.	16.432	4.054	1.	2.	9.	12.
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	25	10.	28.28	100.	0.	1347.293	36.705	0.	0.	60.	94.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	24	0.	0.652	10.	0.	4.389	2.095	0.	0.	0.188	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-01/28/81	13	30.	26.077	50.	5.	231.91	15.229	5.	10.	36.	48.8
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	27	11.4	11.63	14.8	10.1	1.331	1.154	10.2	10.6	12.2	13.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	24	0.85	0.821	2.3	0.1	0.236	0.485	0.25	0.4	1.1	1.35
00400	PH (STANDARD UNITS)	05/06/70-01/28/81	14	6.75	6.711	7.9	5.65	0.283	0.532	5.875	6.375	6.925	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-01/28/81	14	6.747	6.418	7.9	5.65	0.375	0.613	5.875	6.375	6.925	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-01/28/81	14	0.179	0.382	2.239	0.013	0.327	0.572	0.031	0.119	0.424	1.517
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-06/03/80	13	8.	10.077	24.	6.	28.41	5.33	6.	6.5	12.5	21.2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	24	30.	128.333	1500.	5.	95929.71	309.725	5.	6.25	102.5	335.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	24	1.477	1.489	3.176	0.699	0.512	0.716	0.699	0.774	2.007	2.492
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			30.852								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-01/28/81	14	16.	15.714	25.	7.	23.143	4.811	8.5	11.75	18.5	23.5
00032	CLOUD COVER (PERCENT)	10/22/74-01/28/81	12	40.	44.583	100.	0.	938.447	30.634	6.	20.	71.25	95.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-01/28/81	12	0.04	0.393	2.	0.	0.366	0.605	0.	0.	0.583	1.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-01/28/81	6	20.	18.333	20.	10.	16.667	4.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-01/28/81	14	9.6	9.6	12.3	7.4	1.286	1.134	7.9	9.05	10.125	11.45
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-01/28/81	12	0.95	1.167	3.	0.5	0.499	0.706	0.5	0.725	1.425	2.67
00400	PH (STANDARD UNITS)	05/06/70-01/28/81	9	6.9	6.844	7.6	6.2	0.198	0.445	6.2	6.4	7.1	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-01/28/81	9	6.9	6.656	7.6	6.2	0.238	0.488	6.2	6.4	7.1	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-01/28/81	9	0.126	0.221	0.631	0.025	0.046	0.214	0.025	0.082	0.409	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-06/03/80	12	10.5	10.917	16.	6.	8.992	2.999	6.3	9.25	13.5	15.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	13	230.	1388.462	10000.	10.	7516247.436	2741.578	10.	125.	2000.	7040.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/14/70-01/28/81	13	2.362	2.464	4.	1.	0.775	0.881	1.	2.088	3.296	3.766
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			290.787								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0136

NPS Station ID: BLRI0136 LAT/LON: 36.393059/ -81.407226
 Location: S FK NEW RIVER @ NC HWYS 16 & 18 NER JEFFERSON
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001062 RF1 Mile Point: 8.700
 RF3 Index: 05050001004704.59 RF3 Mile Point: 5.00
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37009 NORTH CAROLINA/ASHE
 STORET Station ID(s): K3250000 /03161000
 Within Park Boundary: No

Date Created: 02/07/81

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	02/21/83-03/06/84	2	70.	70.	70.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	103	13.	13.582	29.	54.112	7.356	3.4	7.5	21.	23.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/85-07/24/89	9	20.	20.578	29.	28.454	5.334	13.	15.5	24.6	29.
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	104	30.	41.644	100.	1597.028	39.963	0.	2.75	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/04/86-12/19/94	35	2.	1.857	4.	1.067	1.033	1.	1.	3.	3.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	99	0.	0.131	2.	0.108	0.329	0.	0.	0.	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	91	322.	407.22	1680.	69351.818	263.347	181.8	235.	486.	712.2
00064	DEPTH OF STREAM, MEAN (FT)	02/21/83-03/06/84	2	1.5	1.5	1.5	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	93	2.3	2.426	4.4	0.245	0.495	1.904	2.1	2.675	3.088
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/81-12/19/94	64	3.8	7.313	60.	109.301	10.455	1.35	2.	7.9	16.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	101	40.	42.089	98.	129.822	11.394	32.	36.	45.5	52.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/81-04/23/81	3	33.	33.667	40.	36.333	6.028	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	103	9.6	9.712	13.2	3.001	1.732	7.8	8.6	11.2	12.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/14/81-08/25/83	22	89.9	91.109	110.3	81.	64.836	8.052	81.09	85.	95.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	82	0.8	0.958	3.8	0.362	0.602	0.4	0.5	1.3	1.67
00335	COD, .025N K2CR2O7 MG/L	05/11/81-10/10/84	18###	5.	7.444	19.	26.085	5.107	2.5	4.375	11.	17.2
00340	COD, .25N K2CR2O7 MG/L	02/19/81-04/23/81	3###	5.	7.667	13.	21.333	4.619	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	99	7.	7.063	9.07	0.278	0.527	6.3	6.7	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	99	7.	6.809	9.07	0.343	0.586	6.3	6.7	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	99	0.1	0.155	1.	0.001	0.032	0.179	0.025	0.05	0.2
00403	PH, LAB, STANDARD UNITS SU	10/24/83-10/21/93	9	7.1	6.956	7.4	0.11	0.332	6.3	6.7	7.15	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/24/83-10/21/93	9	7.1	6.827	7.4	0.129	0.359	6.3	6.7	7.15	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-10/21/93	9	0.079	0.149	0.501	0.04	0.021	0.144	0.04	0.071	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/24/83-11/01/83	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	93	13.	13.559	26.	11.162	3.341	9.4	11.5	16.	17.
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	94	58.5	71.543	317.	2355.176	48.53	38.	43.	75.25	135.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	96	8.5	22.307	269.	1773.534	42.113	2.	3.25	19.75	41.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/81-12/19/94	58	0.023	0.03	0.12	0.005	0.001	0.025	0.01	0.018	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/81-12/19/94	57	0.2	0.232	0.7	0.04	0.013	0.115	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/81-12/19/94	58	0.54	0.51	0.87	0.06	0.035	0.188	0.216	0.428	0.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/81-12/19/94	58	0.04	0.052	0.37	0.005	0.003	0.054	0.02	0.025	0.06
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/83-12/19/94	50	16.	18.18	44.	12.	51.824	7.199	12.1	14.	20.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/83-12/19/94	6	4.	4.	5.	3.	0.8	0.894	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/81-12/19/94	56###	5.	5.	5.	5.	0.	0.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/81-12/19/94	57###	1.	6.175	25.	1.	55.612	7.457	1.	1.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/81-12/19/94	57###	12.5	16.667	25.	12.5	35.342	5.945	12.5	12.5	25.
01037	COBALT, TOTAL (UG/L AS CO)	04/23/81-07/21/81	2###	50.	50.	50.	50.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/23/81-12/19/94	57###	5.	7.456	20.	1.	32.36	5.689	1.	3.	20.

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01045	IRON, TOTAL (UG/L AS FE)	04/23/81-12/19/94	10	395.	1049.	6800.	200.	4118387.778	2029.381	201.	232.5	702.5	6191.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/81-12/19/94	57 ##	5.	22.947	50.	5.	417.479	20.432	5.	5.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/81-12/19/94	11	21.	61.909	470.	5.	18542.291	136.17	5.	10.	25.	388.
01067	NICKEL, TOTAL (UG/L AS NI)	01/07/82-12/19/94	54 ##	25.	22.778	50.	5.	379.874	19.49	5.	5.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/81-12/19/94	57 ##	5.	10.789	40.	5.	76.741	8.76	5.	5.	12.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/16/85-12/19/94	13	200.	543.231	4500.	50.	1431597.026	1196.494	63.6	99.	370.	2892.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/25/94-12/19/94	4	465.	795.	2000.	250.	673766.667	820.833	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	08/25/94-12/19/94	4	2.638	2.744	3.301	2.398	0.168	0.41	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3				GEOMETRIC MEAN =			554.444					
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/19/81-12/19/94	80	60.	449.813	9600.	5.	1902843.319	1379.436	10.	22.5	177.5	1090.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/19/81-12/19/94	80	1.778	1.876	3.982	0.699	0.56	0.749	1.	1.345	2.249	3.037
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				GEOMETRIC MEAN =			75.119					
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/81-07/26/94	52 ##	0.005	0.009	0.025	0.005	0.	0.007	0.005	0.005	0.01	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/81-12/19/94	56 ##	0.1	0.122	0.9	0.1	0.012	0.111	0.1	0.1	0.1	0.1
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	07/21/83-07/21/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0136

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	64	1	0.02	22	1	0.05	26	0	0.00	16	0	0.00			
00300	OXYGEN, DISSOLVED	4.	103	1	0.01	32	0	0.00	46	1	0.02	25	0	0.00			
00400	PH	9.	99	1	0.01	32	1	0.03	42	0	0.00	25	0	0.00			
		6.5	99	14	0.14	32	1	0.03	42	12	0.29	25	1	0.04			
00403	PH, LAB	9.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
		6.5	9	1	0.11	2	1	0.50	5	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	58	0	0.00	20	0	0.00	24	0	0.00	14	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		250.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	360.	56	0	0.00	20	0	0.00	23	0	0.00	13	0	0.00			
		50.	56	0	0.00	20	0	0.00	23	0	0.00	13	0	0.00			
01027	CADMIUM, TOTAL	3.9	30 &	0	0.00	9	0	0.00	14	0	0.00	7	0	0.00			
		5.	30 &	0	0.00	9	0	0.00	14	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	100.	57	0	0.00	20	0	0.00	23	0	0.00	14	0	0.00			
01042	COPPER, TOTAL	18.	51 &	1	0.02	17	0	0.00	22	1	0.05	12	0	0.00			
		1300.	57	0	0.00	20	0	0.00	23	0	0.00	14	0	0.00			
01051	LEAD, TOTAL	82.	57	0	0.00	20	0	0.00	23	0	0.00	14	0	0.00			
		15.	30 &	0	0.00	9	0	0.00	14	0	0.00	7	0	0.00			
01067	NICKEL, TOTAL	1400.	54	0	0.00	18	0	0.00	23	0	0.00	13	0	0.00			
		100.	54	0	0.00	18	0	0.00	23	0	0.00	13	0	0.00			
01092	ZINC, TOTAL	120.	57	0	0.00	20	0	0.00	23	0	0.00	14	0	0.00			
		5000.	57	0	0.00	20	0	0.00	23	0	0.00	14	0	0.00			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	4	1	0.25	2	1	0.50	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	80	19	0.24	27	5	0.19	34	6	0.18	19	8	0.42			
71900	MERCURY, TOTAL	2.4	56	0	0.00	20	0	0.00	22	0	0.00	14	0	0.00			
		2.	56	0	0.00	20	0	0.00	22	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	11	16.	14.636	25.	3.	63.855	7.991	3.	7.	22.	24.8
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	11	80.	62.727	100.	0.	1781.818	42.212	2.	10.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	11	0.	0.364	2.	0.	0.455	0.674	0.	0.	1.	1.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	10	255.	296.9	738.	117.	34024.544	184.457	118.9	158.5	379.	708.1
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	10	2.12	2.199	3.15	1.69	0.205	0.452	1.695	1.808	2.495	3.101
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	8	36.5	36.625	43.	30.	18.839	4.34	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	11	9.4	10.036	12.3	8.1	2.637	1.624	8.14	8.6	11.9	12.22
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	11	0.8	0.836	1.7	0.2	0.189	0.434	0.22	0.6	1.2	1.62
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	11	6.8	6.882	7.4	6.4	0.076	0.275	6.44	6.7	7.1	7.34
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	11	6.8	6.805	7.4	6.4	0.082	0.287	6.44	6.7	7.1	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	11	0.158	0.157	0.398	0.04	0.01	0.101	0.048	0.079	0.2	0.369
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	11	17.	16.545	26.	12.	16.873	4.108	12.	13.	18.	24.8
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	3	40.	37.333	42.	30.	41.333	6.429	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	11	30.	110.455	650.	5.	36272.273	190.453	6.	10.	110.	566.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	11	1.477	1.618	2.813	0.699	0.388	0.623	0.759	1.	2.041	2.723
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			41.457								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	12	14.5	14.917	25.	5.	49.538	7.038	5.6	8.	21.	24.7
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	12	45.	52.5	100.	0.	1165.909	34.145	6.	30.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	12	0.5	0.417	1.	0.	0.174	0.417	0.	0.	0.875	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	12	352.	470.083	1680.	235.	151835.174	389.66	246.4	293.25	463.5	1321.8
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	12	2.395	2.581	4.4	2.1	0.363	0.603	2.136	2.27	2.615	3.902
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	12	34.5	34.75	40.	31.	8.386	2.896	31.	32.25	36.75	39.7
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	12	8.9	9.167	11.6	7.2	1.982	1.408	7.32	8.	10.55	11.36
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	12	0.6	0.825	2.4	0.2	0.391	0.625	0.23	0.4	1.225	2.1
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	12	6.9	6.808	7.1	6.2	0.07	0.264	6.29	6.7	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	12	6.9	6.721	7.1	6.2	0.078	0.28	6.29	6.7	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	12	0.126	0.19	0.631	0.079	0.024	0.155	0.079	0.1	0.2	0.537
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	12	14.5	14.333	17.	8.	5.879	2.425	9.5	13.25	16.	17.
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	12	85.	124.083	317.	47.	7528.083	86.765	48.2	63.25	193.5	293.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	12	18.	62.833	269.	3.	7602.515	87.192	3.3	8.75	132.25	239.3
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	205.	1162.5	6100.	10.	4244965.909	2060.332	13.	45.	1450.	5680.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	2.309	2.332	3.785	1.	0.799	0.894	1.09	1.646	3.092	3.751
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			215.013								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	11	16.	15.	29.	1.	87.2	9.338	1.8	6.	24.	28.2
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	12	30.	37.	100.	0.	1463.455	38.255	0.	0.	72.5	99.7
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	11	0.	0.227	1.	0.	0.118	0.344	0.	0.	0.5	0.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	11	464.	638.545	1330.	235.	140632.673	375.01	244.6	368.	920.	1308.
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	11	2.65	2.849	3.89	2.1	0.336	0.58	2.122	2.46	3.43	3.832
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	12	38.5	42.5	89.	26.	245.727	15.676	28.7	36.	42.5	77.3
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	11	9.6	9.	11.6	1.9	6.642	2.577	3.2	8.5	10.4	11.52
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	12	0.8	1.033	2.	0.4	0.261	0.511	0.43	0.575	1.475	1.88
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	10	7.205	7.066	9.07	6.2	0.762	0.873	6.21	6.3	7.387	8.913

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	10	7.204	6.621	9.07	6.2	0.983	0.991	6.21	6.3	7.387	8.913
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	10	0.062	0.24	0.631	0.001	0.066	0.256	0.004	0.041	0.501	0.618
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	10	14.	13.3	17.	7.	9.789	3.129	7.3	10.75	16.	16.9
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	12	70.	84.583	160.	42.	1518.447	38.967	43.5	51.25	114.75	154.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	12	11.	20.375	75.	0.5	528.233	22.983	1.25	4.	26.	69.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	100.	308.333	1300.	20.	181215.152	425.694	20.	25.	455.	1210.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	1.962	2.068	3.114	1.301	0.436	0.66	1.301	1.376	2.657	3.08
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			116.827								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	12	10.5	11.75	22.	2.	58.386	7.641	2.3	4.25	19.75	21.7
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	12	17.5	33.75	100.	0.	1446.023	38.027	0.	2.5	68.75	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	12	353.	391.833	705.	200.	29483.061	171.706	200.6	238.5	505.	688.5
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	12	2.43	2.456	3.1	1.98	0.145	0.381	1.983	2.11	2.738	3.07
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	12	39.5	41.333	55.	33.	34.061	5.836	34.2	38.	44.	52.9
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	12	9.6	10.092	13.	7.7	3.352	1.831	7.82	8.625	11.95	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	11	0.5	0.723	1.5	0.05	0.211	0.459	0.12	0.4	1.2	1.48
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	12	7.05	6.925	7.6	6.	0.258	0.508	6.06	6.45	7.275	7.57
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	12	7.047	6.63	7.6	6.	0.353	0.594	6.06	6.45	7.275	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	12	0.09	0.234	1.	0.025	0.096	0.309	0.027	0.053	0.407	0.889
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	12	12.	11.333	15.	7.	5.879	2.425	7.3	9.25	13.	14.7
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	12	46.	59.917	200.	30.	2096.811	45.791	30.9	37.25	62.	160.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	12	6.5	19.	150.	1.	1727.818	41.567	1.3	3.	12.25	110.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	70.	967.917	9600.	5.	7483633.902	2735.623	12.5	42.5	320.	7050.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	1.827	2.04	3.982	0.699	0.704	0.839	0.932	1.626	2.454	3.7
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			109.762								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	12	12.	11.45	25.	0.	56.83	7.539	0.6	5.25	15.	24.1
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	12	5.	26.25	100.	0.	1632.386	40.403	0.	0.	61.25	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	12	0.	0.008	0.1	0.	0.001	0.029	0.	0.	0.	0.07
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	12	291.	320.083	570.	171.	18288.992	135.237	173.4	199.5	424.5	557.1
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	12	2.215	2.268	2.86	1.88	0.111	0.333	1.889	1.983	2.515	2.836
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	12	43.5	42.083	53.	31.	48.629	6.973	32.2	35.25	47.75	52.1
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	12	9.65	9.867	12.9	7.3	3.382	1.839	7.33	8.325	11.7	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	0.9	1.05	1.8	0.6	0.277	0.526	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	12	7.1	7.3	8.7	6.9	0.293	0.541	6.93	7.	7.275	8.52
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	12	7.1	7.139	8.7	6.9	0.321	0.567	6.93	7.	7.275	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	12	0.079	0.073	0.126	0.002	0.001	0.038	0.004	0.053	0.1	0.118
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	12	13.5	14.167	22.	9.	11.242	3.353	9.3	13.	15.75	20.5
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	12	49.	59.833	120.	31.	679.97	26.076	33.1	41.5	77.25	111.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	12	7.5	11.875	34.	0.5	155.824	12.483	0.65	3.25	24.	33.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	80.	249.167	2100.	10.	342262.879	585.032	10.	52.5	152.5	1521.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	12	1.903	1.905	3.322	1.	0.357	0.598	1.	1.719	2.173	2.995
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			80.441								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	11	15.	14.182	23.	3.	55.764	7.468	3.6	8.	22.	23.
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	11	50.	49.091	100.	0.	2034.091	45.101	0.	0.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	11	0.	0.055	0.5	0.	0.023	0.151	0.	0.	0.	0.42
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	11	251.	263.273	650.	141.	19569.818	139.892	141.4	173.	282.	580.8
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	12	2.165	2.143	3.	1.76	0.105	0.324	1.766	1.918	2.235	2.79
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	11	42.	41.364	48.	30.	23.455	4.843	31.6	40.	44.	47.8
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	11	9.8	10.164	12.8	7.8	2.513	1.585	7.96	8.6	11.3	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	5	0.7	0.88	1.4	0.5	0.192	0.438	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	11	7.6	7.527	8.2	6.7	0.202	0.45	6.78	7.2	8.	8.16
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	11	7.6	7.314	8.2	6.7	0.252	0.502	6.78	7.2	8.	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	11	0.025	0.048	0.2	0.006	0.003	0.056	0.007	0.01	0.063	0.176
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	11	14.	14.	18.	10.	5.4	2.324	10.4	12.	16.	17.6
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	11	49.	49.909	73.	19.	326.091	18.058	19.8	39.	65.	72.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	11	4.	7.455	28.	1.	71.073	8.43	1.2	3.	9.	26.2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	10	15.	74.	340.	5.	12576.667	112.146	5.	8.75	125.	326.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	10	1.151	1.413	2.531	0.699	0.44	0.664	0.699	0.925	2.075	2.508
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			25.903								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	8.25	11.625	23.	7.	58.229	7.631	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	10.	30.5	100.	2.	2161.	46.487	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	4	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	3	282.	410.333	714.	235.	69712.333	264.031	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	3	2.24	2.483	3.11	2.1	0.299	0.547	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	41.5	42.5	46.	41.	5.667	2.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	10.95	10.55	12.4	7.9	4.323	2.079	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	0.95	1.15	2.1	0.6	0.443	0.666	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	4	6.85	6.783	7.1	6.33	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	4	6.825	6.674	7.1	6.33	0.135	0.368	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	4	0.15	0.212	0.468	0.079	0.032	0.179	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	4	13.5	13.25	16.	10.	6.25	2.5	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	61.	75.75	140.	41.	2054.25	45.324	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	11.5	9.375	14.	0.5	37.896	6.156	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	3	13.	9.667	14.	2.	44.333	6.658	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	3	60.	55.	100.	5.	2275.	47.697	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	2	1.64	1.64	1.68	1.6	0.003	0.057	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	3	43.	47.	61.	37.	156.	12.49	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	3	9.9	10.267	12.	8.9	2.503	1.582	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	3	2.2	2.2	3.8	0.6	2.56	1.6	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	3	6.4	6.633	7.3	6.2	0.343	0.586	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	3	6.4	6.444	7.3	6.2	0.397	0.63	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	3	0.398	0.36	0.631	0.05	0.085	0.292	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	3	11.	11.667	14.	10.	4.333	2.082	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	3	76.	79.333	130.	32.	2409.333	49.085	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	3	32.	42.	92.	2.	2100.	45.826	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		70.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	13.5	13.	22.	3.	64.667	8.042	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	5.	10.	30.	0.	183.333	13.54	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	4	425.5	478.	848.	213.	95327.333	308.751	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	4	2.49	2.575	3.29	2.03	0.376	0.613	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	42.	43.75	53.	38.	41.583	6.449	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	10.2	10.35	13.2	7.8	4.89	2.211	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	1.1	0.925	1.2	0.3	0.176	0.419	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.05	7.175	8.3	6.3	0.703	0.838	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.025	6.76	8.3	6.3	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	4	0.094	0.174	0.501	0.005	0.05	0.224	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	4	13.	12.5	13.	11.	1.	1.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	58.	88.75	200.	39.	5730.917	75.703	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	20.	53.	170.	2.	6236.667	78.973	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	4	45.	350.	1300.	10.	401533.333	633.667	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	4	1.628	1.842	3.114	1.	0.821	0.906	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		69.551									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	12.5	14.	23.	8.	48.667	6.976	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	5.	28.75	100.	5.	2256.25	47.5	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	4	458.5	429.	523.	276.	11796.667	108.612	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	4	2.555	2.485	2.69	2.14	0.059	0.243	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	39.5	41.5	52.	35.	53.667	7.326	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	9.6	9.2	10.4	7.2	1.947	1.395	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	0.85	0.85	1.2	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.3	7.15	7.4	6.6	0.143	0.379	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.289	7.007	7.4	6.6	0.171	0.413	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	4	0.051	0.098	0.251	0.04	0.01	0.102	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	4	12.	11.75	15.	8.	10.917	3.304	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	49.	47.5	53.	39.	35.667	5.972	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	6.5	13.5	37.	4.	247.	15.716	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	2##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	2##	1.088	1.088	1.477	0.699	0.303	0.55	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		12.247									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	11.5	13.5	23.	8.	44.333	6.658	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	27.5	38.75	100.	0.	2172.917	46.615	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	4	374.	396.	643.	193.	38878.	197.175	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	4	2.365	2.393	2.93	1.91	0.197	0.444	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	38.	39.	46.	34.	26.	5.099	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	8.7	8.7	10.	7.4	1.187	1.089	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	0.8	0.825	0.9	0.8	0.002	0.05	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.1	7.125	7.5	6.8	0.089	0.299	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	4	7.089	7.054	7.5	6.8	0.096	0.31	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	4	0.082	0.088	0.158	0.032	0.003	0.055	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	4	11.	13.	22.	8.	38.667	6.218	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	68.	63.25	79.	38.	310.917	17.633	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	11.5	10.25	15.	3.	26.25	5.123	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	12.	12.75	23.	4.	60.917	7.805	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	100.	90.	100.	60.	400.	20.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	4	0.	0.025	0.1	0.	0.003	0.05	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	4	348.	402.5	638.	276.	25803.667	160.635	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	4	2.36	2.46	2.92	2.2	0.101	0.317	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	43.	52.25	95.	28.	942.917	30.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	9.6	9.2	10.2	7.4	1.627	1.275	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	0.9	0.95	1.6	0.4	0.27	0.52	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	3	7.3	7.433	7.8	7.2	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	3	7.3	7.366	7.8	7.2	0.11	0.332	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	3	0.05	0.043	0.063	0.016	0.001	0.024	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	3	15.	14.	17.	10.	13.	3.606	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	51.5	51.25	58.	44.	32.917	5.737	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	13.	11.5	18.	2.	51.667	7.188	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	4	16.	15.25	25.	4.	76.917	8.77	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	4	25.	25.	50.	0.	833.333	28.868	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	3	692.	608.	848.	284.	84816.	291.232	**	**	**	**
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	3	3.07	2.86	3.28	2.23	0.309	0.556	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	4	38.5	40.5	57.	28.	147.	12.124	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	4	9.3	9.9	12.6	8.4	3.48	1.865	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	4	1.25	1.275	2.3	0.3	0.709	0.842	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	3	6.7	6.967	7.5	6.7	0.213	0.462	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	3	6.7	6.843	7.5	6.7	0.236	0.486	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	3	0.2	0.144	0.2	0.032	0.009	0.097	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	3	10.	11.667	17.	8.	22.333	4.726	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	4	72.5	72.5	80.	65.	41.667	6.455	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	4	30.	27.75	33.	18.	46.917	6.85	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	7	16.	15.714	24.	5.	37.571	6.13	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	7	40.	35.714	100.	0.	1295.238	35.989	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	6	0.	0.017	0.1	0.	0.002	0.041	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	7	50.	56.571	98.	47.	338.952	18.411	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	7	9.4	9.6	11.8	8.2	1.44	1.2	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	6	6.9	6.933	7.3	6.6	0.079	0.28	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	6	6.889	6.863	7.3	6.6	0.085	0.291	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	6	0.129	0.137	0.251	0.05	0.006	0.08	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	5	44.	57.8	100.	42.	620.2	24.904	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	7	7.	8.	16.	2.	25.333	5.033	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	4	65.	67.5	130.	10.	3225.	56.789	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	4	1.739	1.648	2.114	1.	0.263	0.513	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			44.439								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	33	22.	20.939	29.	11.	18.121	4.257	13.4	19.	23.5	25.
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	33	50.	48.788	100.	0.	1545.36	39.311	0.	7.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/04/86-12/19/94	10	1.5	1.5	3.	0.	1.167	1.08	0.	0.75	2.25	3.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	30	0.	0.123	1.	0.	0.08	0.282	0.	0.	0.025	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	28	235.	256.464	848.	107.	18186.332	134.857	138.6	183.25	288.5	348.2
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	29	2.1	2.096	3.29	1.6	0.104	0.323	1.69	1.895	2.235	2.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/81-12/19/94	22	3.65	8.977	60.	1.	182.397	13.505	1.43	2.	9.25	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	33	43.	44.242	61.	35.	34.689	5.89	37.	40.	48.	52.6
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	32	8.5	8.453	10.4	7.2	0.627	0.792	7.4	7.825	8.875	9.67
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	24	0.8	0.923	2.	0.05	0.192	0.438	0.35	0.625	1.275	1.45
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	32	7.1	7.294	9.07	6.4	0.373	0.611	6.7	6.9	7.575	8.17
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	32	7.1	7.03	9.07	6.4	0.445	0.667	6.7	6.9	7.575	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	32	0.079	0.093	0.398	0.001	0.008	0.088	0.007	0.027	0.126	0.2
00431	ALKALINITY TOTAL,FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	29	16.	15.69	22.	10.	6.007	2.451	13.	14.	17.	18.
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	29	52.	59.586	200.	23.	1006.466	31.725	31.	42.5	71.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	30	4.	14.55	170.	0.5	943.696	30.72	2.	3.	16.	30.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/81-12/19/94	20	0.028	0.037	0.11	0.01	0.001	0.029	0.01	0.02	0.04	0.099
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/81-12/19/94	20	0.2	0.242	0.7	0.04	0.019	0.14	0.1	0.2	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/81-12/19/94	20	0.435	0.397	0.66	0.12	0.031	0.177	0.17	0.23	0.548	0.647
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/81-12/19/94	20	0.045	0.064	0.37	0.02	0.006	0.074	0.025	0.03	0.068	0.08
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/83-12/19/94	16	17.	18.75	44.	14.	53.667	7.326	14.	14.	20.	30.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/81-12/19/94	20###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/81-12/19/94	20###	5.	7.8	25.	1.	69.747	8.351	1.	1.	10.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/81-12/19/94	20###	12.5	18.125	25.	12.5	40.707	6.38	12.5	12.5	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/81-12/19/94	20###	9.5	9.15	20.	2.	29.503	5.432	4.	5.	10.	20.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/81-12/19/94	20###	25.	27.25	50.	5.	480.197	21.913	5.	5.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	01/07/82-12/19/94	18###	25.	25.833	50.	5.	444.853	21.092	5.	5.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/81-12/19/94	20###	10.	11.55	25.	5.	62.997	7.937	5.	5.	19.25	25.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/19/81-12/19/94	27	60.	135.	1300.	5.	62590.385	250.181	10.	20.	170.	262.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/19/81-12/19/94	27	1.778	1.761	3.114	0.699	0.326	0.571	1.	1.301	2.23	2.408
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			57.664								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/81-07/26/94	18###	0.005	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.013	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/81-12/19/94	20###	0.1	0.115	0.25	0.1	0.002	0.046	0.1	0.1	0.1	0.235

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	45	7.	7.009	18.	0.	16.085	4.011	2.	4.	9.	12.4
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	46	12.5	32.478	100.	0.	1465.633	38.284	0.	0.	60.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/04/86-12/19/94	17	2.	2.	4.	1.	1.125	1.061	1.	1.	3.	4.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	45	0.	0.104	1.	0.	0.075	0.273	0.	0.	0.	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	39	396.	464.051	1680.	136.	91725.155	302.862	213.	276.	527.	848.
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	39	2.52	2.563	4.4	1.74	0.277	0.526	2.04	2.22	2.78	3.28
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/81-12/19/94	26	3.25	6.065	39.	0.5	67.863	8.238	1.07	1.875	7.175	17.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	44	39.	41.341	98.	26.	183.3	13.539	30.5	34.	42.75	54.
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	46	11.2	10.815	13.2	1.9	3.373	1.837	9.28	9.975	11.9	12.66
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	37	0.7	0.827	3.8	0.2	0.411	0.641	0.3	0.45	0.95	1.42
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	42	7.	6.867	7.8	6.	0.209	0.457	6.2	6.375	7.2	7.47
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	42	7.	6.642	7.8	6.	0.261	0.51	6.2	6.375	7.2	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	42	0.1	0.228	1.	0.016	0.056	0.236	0.034	0.063	0.424	0.631
00431	ALKALINITY TOTAL,FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	40	12.	12.325	26.	7.	14.994	3.872	8.	10.	13.	16.9
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	44	55.5	69.818	240.	19.	1742.013	41.737	38.5	42.	81.25	135.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	44	7.	18.818	170.	0.5	940.513	30.668	1.5	3.25	23.	53.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/81-12/19/94	24	0.02	0.029	0.12	0.005	0.001	0.027	0.008	0.01	0.038	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/81-12/19/94	24	0.2	0.229	0.5	0.1	0.013	0.112	0.1	0.125	0.3	0.4

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/81-12/19/94	24	0.64	0.593	0.87	0.06	0.034	0.185	0.27	0.533	0.695	0.815
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/81-12/19/94	24	0.03	0.048	0.19	0.005	0.002	0.047	0.01	0.02	0.058	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/83-12/19/94	22	16.	19.364	41.	12.	68.052	8.249	12.6	14.	21.	37.6
01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/81-12/19/94	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/81-12/19/94	23 ##	1.	4.304	25.	1.	32.403	5.692	1.	1.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/81-12/19/94	23 ##	12.5	15.217	25.	12.5	27.792	5.272	12.5	12.5	12.5	25.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/81-12/19/94	23 ##	5.	5.913	20.	1.	28.901	5.376	1.	1.	10.	15.2
01051	LEAD, TOTAL (UG/L AS PB)	04/23/81-12/19/94	23 ##	5.	18.261	50.	5.	349.111	18.685	5.	5.	25.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	01/07/82-12/19/94	23 ##	5.	20.	50.	5.	334.091	18.278	5.	5.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/81-12/19/94	23 ##	5.	8.826	30.	5.	48.423	6.959	5.	5.	10.	22.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	34	40.	282.941	4700.	5.	692109.269	831.931	5.	10.	137.5	755.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	34	1.602	1.72	3.672	0.699	0.547	0.739	0.699	1.	2.136	2.827
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			52.529								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/81-07/26/94	20 ##	0.005	0.009	0.025	0.005	0.	0.007	0.005	0.005	0.01	0.02
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/81-12/19/94	22 ##	0.1	0.136	0.9	0.1	0.029	0.171	0.1	0.1	0.1	0.1

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/81-12/19/94	25	16.	15.7	24.	7.5	16.208	4.026	10.6	13.	18.	22.2
00032	CLOUD COVER (PERCENT)	02/19/81-12/19/94	25	50.	49.08	100.	0.	1756.577	41.912	0.	7.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/04/86-12/19/94	8	2.	2.	3.	1.	0.857	0.926	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/19/81-12/19/94	24	0.	0.192	2.	0.	0.212	0.461	0.	0.	0.075	0.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/81-07/26/93	24	447.	490.75	1220.	173.	58056.37	240.949	242.5	297.75	679.75	766.
00065	STAGE, STREAM (FEET)	02/19/81-07/26/93	25	2.56	2.597	3.6	1.9	0.187	0.433	2.076	2.185	3.	3.126
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/81-12/19/94	16	4.7	7.05	40.	1.3	83.771	9.153	1.79	2.925	7.225	19.7
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/11/81-12/19/94	24	37.	40.5	95.	30.	163.13	12.772	32.	35.	41.75	50.5
00300	OXYGEN, DISSOLVED MG/L	02/19/81-12/19/94	25	9.2	9.292	12.	7.6	0.992	0.996	8.16	8.55	9.7	10.72
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/81-10/21/93	21	1.2	1.229	2.4	0.2	0.396	0.629	0.5	0.7	1.65	2.28
00400	PH (STANDARD UNITS)	02/19/81-12/19/94	25	7.	7.096	8.3	6.33	0.158	0.398	6.66	6.85	7.3	7.58
00400	CONVERTED PH (STANDARD UNITS)	02/19/81-12/19/94	25	7.	6.952	8.3	6.33	0.18	0.424	6.66	6.85	7.3	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-12/19/94	25	0.1	0.112	0.468	0.005	0.009	0.096	0.027	0.05	0.142	0.22
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	02/19/81-07/26/93	24	14.	13.042	16.	9.	3.259	1.805	10.	12.	14.	15.
00500	RESIDUE, TOTAL (MG/L)	10/14/81-12/19/94	21	65.	91.667	317.	37.	5158.133	71.82	38.2	48.	109.5	204.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/81-12/19/94	22	17.	39.864	269.	2.	4359.742	66.028	6.	8.5	29.75	156.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/81-12/19/94	14	0.023	0.024	0.05	0.005	0.	0.012	0.008	0.018	0.03	0.045
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/81-12/19/94	13	0.2	0.223	0.4	0.1	0.007	0.083	0.1	0.2	0.3	0.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/81-12/19/94	14	0.525	0.529	0.78	0.3	0.016	0.127	0.36	0.43	0.605	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/81-12/19/94	14	0.04	0.042	0.08	0.01	0.	0.02	0.015	0.024	0.053	0.075
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/83-12/19/94	12	14.	15.25	24.	12.	15.114	3.888	12.	12.25	16.	23.4
01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/81-12/19/94	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/81-12/19/94	14 ##	3.	6.929	25.	1.	71.918	8.48	1.	1.	10.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/81-12/19/94	14 ##	12.5	16.964	25.	12.5	38.633	6.216	12.5	12.5	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/81-12/19/94	14 ##	5.	7.571	20.	1.	38.725	6.223	1.	2.75	10.	20.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/81-12/19/94	14 ##	19.	24.5	50.	5.	435.808	20.876	5.	5.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	01/07/82-12/19/94	13 ##	25.	23.462	50.	5.	405.769	20.144	5.	5.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/81-12/19/94	14 ##	5.	12.929	40.	5.	143.918	11.997	5.	5.	25.	35.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	19	110.	1195.789	9600.	10.	6203436.842	2490.67	30.	50.	1000.	6100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/19/81-12/19/94	19	2.041	2.317	3.982	1.	0.716	0.846	1.477	1.699	3.	3.785
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			207.463								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/23/81-07/26/94	14 ##	0.005	0.009	0.025	0.005	0.	0.007	0.005	0.005	0.01	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/81-12/19/94	14 ##	0.1	0.111	0.25	0.1	0.002	0.04	0.1	0.1	0.1	0.175

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0137

NPS Station ID: BLRI0137 LAT/LON: 36.394448/ -81.407503
 Location: SOUTH FORK NEW RIVER NEAR JEFFERSON, N. C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 05050001062 RF1 Mile Point: 8.610
 RF3 Index: 05050001011900.00 RF3 Mile Point: 0.00
 Description:

Agency: 112WRD
 FIPS State/County: 37009 NORTH CAROLINA/ASHE
 STORET Station ID(s): 03161000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 6.50
 Distance from RF3: 0.13

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/68-06/15/72	15	13.	13.133	26.	76.838	8.766	1.2	5.	22.	24.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/70-11/03/71	2	21.	21.	24.	18.	4.243	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/28/68-02/21/73	19	351.	455.842	1450.	89887.918	299.813	170.	300.	502.	830.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/55-09/22/79	34	489.5	1687.471	10200.	6376329.59	2525.14	191.	297.25	2260.	5500.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/55-02/21/73	23	5.	6.565	15.	9.893	3.145	3.4	5.	9.	11.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/55-02/21/73	23	34.	34.565	43.	20.075	4.481	28.4	32.	39.	39.6
00300	OXYGEN, DISSOLVED MG/L	03/05/69-11/03/71	3	8.7	9.3	11.	8.2	2.23	1.493	**	**	**
00400	PH (STANDARD UNITS)	05/12/55-02/21/73	27	6.4	6.433	7.2	5.8	0.192	0.438	5.88	6.1	6.8
00400	CONVERTED PH (STANDARD UNITS)	05/12/55-02/21/73	27	6.4	6.249	7.2	5.8	0.227	0.476	5.88	6.1	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/55-02/21/73	27	0.398	0.564	1.585	0.063	0.237	0.487	0.076	0.158	0.794
00405	CARBON DIOXIDE (MG/L AS CO2)	12/07/72-02/21/73	2	4.7	4.7	6.1	3.3	3.92	1.98	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/28/68-02/21/73	17	11.	11.941	15.	9.	2.809	1.676	9.8	11.	13.
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/55-02/21/73	24	13.	13.75	18.	9.	4.63	2.152	11.5	12.25	15.
00445	CARBONATE ION (MG/L AS CO3)	05/28/68-02/21/73	15	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/23/72-02/21/73	5	0.5	0.5	0.8	0.2	0.05	0.224	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/68-08/27/68	1	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/28/68-06/30/71	10	0.005	0.029	0.19	0.	0.003	0.058	0.	0.	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/72-02/21/73	5	0.005	0.004	0.009	0.	0.	0.004	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/55-02/21/73	23	12.	11.348	16.	8.	3.783	1.945	8.4	10.	12.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/55-02/21/73	23	0.	0.957	4.	0.	1.953	1.397	0.	0.	2.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/55-02/21/73	23	2.8	2.765	3.6	1.6	0.174	0.417	2.16	2.6	3.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/55-02/21/73	23	1.1	1.065	2.	0.4	0.152	0.39	0.48	0.7	1.2
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/55-02/21/73	23	1.9	1.935	2.8	1.2	0.156	0.395	1.44	1.6	2.3
00931	SODIUM ADSORPTION RATIO	05/28/68-02/21/73	15	0.3	0.273	0.4	0.2	0.004	0.059	0.2	0.2	0.3
00932	SODIUM, PERCENT	05/28/68-02/21/73	15	26.	25.467	32.	19.	13.267	3.642	19.6	23.	28.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/55-02/21/73	23	0.8	0.813	1.4	0.5	0.045	0.212	0.5	0.7	0.9
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/55-02/21/73	23	2.	2.352	4.	0.5	1.107	1.052	0.76	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/55-02/21/73	23	2.	1.73	4.	0.4	1.013	1.007	0.68	1.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/55-02/21/73	23	0.1	0.078	0.3	0.	0.005	0.072	0.	0.	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/55-02/21/73	23	8.4	8.452	11.	6.4	1.523	1.234	6.44	8.	9.4
01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/71-06/30/71	1##	5.	5.	5.	5.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	06/30/71-06/30/71	1##	25.	25.	25.	25.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	06/30/71-06/30/71	1##	25.	25.	25.	25.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	05/12/55-07/24/62	8	30.	46.25	140.	10.	1741.071	41.726	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	05/28/68-02/21/73	15	0.	14.6	110.	0.	876.686	29.609	0.	0.	10.
01051	LEAD, TOTAL (UG/L AS Pb)	06/30/71-06/30/71	1##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	06/30/71-06/30/71	1	120.	120.	120.	120.	0.	0.	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/27/68-03/11/70	2	455.	455.	900.	10.	396050.	629.325	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	08/27/68-03/11/70	2	1.977	1.977	2.954	1.	1.91	1.382	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			94.868								
31503	COLIFORM,TOT, MEMBR FILTER, DELAYED,M-ENDO MED,35 C	05/28/68-05/28/68	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
31503	LOG COLIFORM,TOT, MEMBR FILTER, DELAYED,M-ENDO MED,3	05/28/68-05/28/68	1	3.462	3.462	3.462	3.462	0.	0.	**	**	**	**
31503	GM COLIFORM,TOT, MEMBR FILTER, DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2900.								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/10/70-02/21/73	6	45.	54.167	130.	5.	2404.167	49.032	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/10/70-02/21/73	6	1.628	1.504	2.114	0.699	0.311	0.557	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			31.896								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/28/68-02/21/73	15	0.03	0.119	1.3	0.	0.107	0.328	0.	0.01	0.07	0.574
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/55-02/21/73	23	30.	29.826	40.	22.	31.514	5.614	22.	26.	33.	38.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/28/68-02/21/73	14	29.	28.714	32.	23.	6.835	2.614	24.	27.	31.	32.
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/28/68-02/21/73	15	32.7	37.2	74.2	10.5	242.741	15.58	18.96	29.3	44.9	65.98
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/28/68-02/21/73	15	0.04	0.043	0.05	0.03	0.	0.006	0.036	0.04	0.05	0.05
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/22/79-09/22/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/22/79-09/22/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/22/79-09/22/79	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/22/79-09/22/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/22/79-09/22/79	1	45.	45.	45.	45.	0.	0.	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/22/79-09/22/79	1	51.	51.	51.	51.	0.	0.	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/22/79-09/22/79	1	59.	59.	59.	59.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/22/79-09/22/79	1	78.	78.	78.	78.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	05/12/55-07/24/62	8	1.	1.363	4.1	0.3	1.348	1.161	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/28/68-02/21/73	11	1.6	1.3	2.7	0.1	0.768	0.876	0.12	0.6	2.	2.6
71900	MERCURY, TOTAL (UG/L AS HG)	12/10/70-06/30/71	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/77-09/22/79	27	52.	349.	1840.	1.	285671.769	534.483	1.8	9.	597.	1356.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/77-09/22/79	27	35.	4911.686	47700.	0.41110025420.877	10489.3	1.34	6.	5660.	20780.	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0137

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00400	PH	Other-Hi Lim.	9.	27	0	0.00	8	0	0.00	14	0	0.00	5	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Other-Lo Lim.	6.5	27	17	0.63	8	5	0.63	14	9	0.64	5	3	0.60			
00940	CHLORIDE, TOTAL IN WATER	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Fresh Acute	860.	23	0	0.00	6	0	0.00	12	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	0	0.00	6	0	0.00	12	0	0.00	5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	250.	23	0	0.00	6	0	0.00	12	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Drinking Water	4.	23	0	0.00	6	0	0.00	12	0	0.00	5	0	0.00			
		Fresh Acute	360.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Drinking Water	50.	1	0	0.00							1	0	0.00			
		Fresh Acute	3.9	0&	0	0.00												
01032	CHROMIUM, HEXAVALENT	Drinking Water	5.	0&	0	0.00												
		Fresh Acute	16.	0&	0	0.00												
01051	LEAD, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
		Fresh Acute	82.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Drinking Water	15.	0&	0	0.00												
		Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00				4	0	0.00	2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	11	0	0.00	1	0	0.00	8	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Drinking Water	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		Fresh Acute	2.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/55-09/22/79	15	514.	1676.267	9610.	151.	5996389.924	2448.753	158.8	203.	2350.	5674.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/55-02/21/73	6	5.	5.5	11.	2.	9.1	3.017	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/55-02/21/73	6	34.5	33.167	39.	25.	27.367	5.231	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/55-02/21/73	8	6.35	6.488	7.1	5.9	0.184	0.429	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/55-02/21/73	8	6.347	6.328	7.1	5.9	0.213	0.462	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/55-02/21/73	8	0.45	0.47	1.259	0.079	0.152	0.39	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/55-02/21/73	6	14.	15.	18.	12.	6.	2.449	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/55-02/21/73	6	11.5	11.167	15.	8.	6.167	2.483	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/55-02/21/73	6	0.	0.667	4.	0.	2.667	1.633	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/55-02/21/73	6	2.85	2.65	3.6	1.6	0.527	0.726	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/55-02/21/73	6	1.05	1.083	2.	0.4	0.338	0.581	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/55-02/21/73	6	1.85	1.933	2.8	1.2	0.311	0.557	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/55-02/21/73	6	0.85	0.9	1.1	0.8	0.016	0.126	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/55-02/21/73	6	1.5	2.	4.	1.	1.6	1.265	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/55-02/21/73	6	1.	1.233	2.	0.6	0.375	0.612	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/55-02/21/73	6	0.1	0.133	0.3	0.1	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/55-02/21/73	6	8.5	8.383	9.6	6.5	1.11	1.053	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/55-02/21/73	6	26.5	26.5	32.	22.	16.7	4.087	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/55-09/22/79	13	483.	2230.	10200.	280.	9522313.333	3085.825	289.2	349.5	4290.	8448.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/55-02/21/73	12	5.	7.167	15.	3.	12.879	3.589	3.6	5.	9.75	14.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/55-02/21/73	12	35.	35.583	43.	29.	18.447	4.295	29.3	32.25	39.	42.1
00400	PH (STANDARD UNITS)	05/12/55-02/21/73	14	6.5	6.45	7.2	5.8	0.203	0.45	5.85	6.05	6.8	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/12/55-02/21/73	14	6.5	6.261	7.2	5.8	0.241	0.491	5.85	6.05	6.8	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/55-02/21/73	14	0.316	0.548	1.585	0.063	0.245	0.494	0.063	0.158	0.91	1.422
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/55-02/21/73	13	13.	13.308	16.	9.	3.897	1.974	9.8	12.5	15.	16.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/55-02/21/73	12	12.	11.417	13.	9.	1.538	1.24	9.3	10.25	12.	13.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/55-02/21/73	12	0.5	1.083	4.	0.	2.265	1.505	0.	0.	1.75	4.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/55-02/21/73	12	2.75	2.775	3.1	2.4	0.04	0.201	2.46	2.625	2.975	3.07
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/55-02/21/73	12	1.1	1.067	1.4	0.7	0.044	0.21	0.7	0.925	1.2	1.34
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/55-02/21/73	12	2.	1.983	2.5	1.4	0.125	0.354	1.43	1.675	2.3	2.47
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/55-02/21/73	12	0.75	0.775	1.4	0.5	0.073	0.27	0.5	0.525	0.975	1.28
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/55-02/21/73	12	3.	2.717	4.	0.6	0.891	0.944	1.02	2.	3.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/55-02/21/73	12	2.	2.033	4.	0.4	1.504	1.226	0.58	1.	3.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/55-02/21/73	12	0.025	0.042	0.1	0.	0.002	0.047	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/55-02/21/73	12	8.35	8.3	11.	6.4	2.213	1.488	6.4	6.725	9.4	10.58
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/55-02/21/73	12	31.5	30.333	38.	22.	26.606	5.158	22.3	26.25	33.75	37.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/55-09/22/79	6	486.5	540.	1130.	236.	94649.2	307.651	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/55-02/21/73	5	5.	6.4	10.	5.	4.8	2.191	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/55-02/21/73	5	33.	33.8	39.	28.	18.7	4.324	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/55-02/21/73	5	6.2	6.3	6.9	5.8	0.235	0.485	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/55-02/21/73	5	6.2	6.119	6.9	5.8	0.276	0.525	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/55-02/21/73	5	0.631	0.76	1.585	0.126	0.416	0.645	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/55-02/21/73	5	13.	13.4	17.	12.	4.3	2.074	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/55-02/21/73	5	11.	11.4	16.	8.	8.8	2.966	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/55-02/21/73	5	1.	1.	2.	0.	1.	1.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/55-02/21/73	5	2.9	2.88	3.4	2.5	0.152	0.39	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/55-02/21/73	5	1.	1.04	1.8	0.4	0.293	0.541	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/55-02/21/73	5	1.6	1.82	2.3	1.6	0.102	0.319	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/55-02/21/73	5	0.8	0.8	0.9	0.7	0.01	0.1	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	05/12/55-02/21/73	5	2.	1.9	3.	0.5	0.8	0.894	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/55-02/21/73	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/55-02/21/73	5	0.1	0.1	0.2	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/55-02/21/73	5	8.7	8.9	10.	8.1	0.575	0.758	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	05/12/55-02/21/73	5	33.	32.6	40.	23.	52.3	7.232	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0138

NPS Station ID: BLRI0138 LAT/LON: 36.200004/ -81.541671
 Location: ELK CK @ SR1508 NR TRIPLETT NC INACT-720802
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03040101 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: YADKIN
 RF1 Index: 03040101072 RF1 Mile Point: 3.880
 RF3 Index: 03040101076300.00 RF3 Mile Point: 0.08
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): Q0180000 /YAD005B
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-08/02/72	3	16.	12.667	21.	1.	108.333	10.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/27/71-08/02/72	3	8.9	9.967	12.7	8.3	5.693	2.386	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-08/02/72	3	89.	90.	92.	89.	3.	1.732	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/71-08/02/72	2	6.8	6.8	7.1	6.5	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/71-08/02/72	2	6.704	6.704	7.1	6.5	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/71-08/02/72	2	0.198	0.198	0.316	0.079	0.028	0.167	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/72-08/02/72	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-08/02/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/02/72-08/02/72	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/02/72-08/02/72	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/02/72-08/02/72	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	15.	22.	40.	11.	247.	15.716	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	2.	5.	13.	0.	49.	7.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	15.	17.	27.	9.	84.	9.165	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/02/72-08/02/72	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0138

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0139

NPS Station ID: BLRI0139 LAT/LON: 36.204170/ -81.558337
 Location: ELK CK @ SR1510 NR TRIPLETT NC INACT-730723
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03040101 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: YADKIN
 RF1 Index: 03040101072 RF1 Mile Point: 5.490
 RF3 Index: 06010103002908.01 RF3 Mile Point: 8.01
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): Q0150000 /YAD005A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-07/23/73	4	18.5	15.	21.	2.	80.667	8.981	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/02/72-07/23/73	2	5.	5.	5.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	08/02/72-07/23/73	2	6.35	6.35	11.52	1.18	53.458	7.311	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/27/71-07/23/73	4	8.6	9.55	12.6	8.4	4.17	2.042	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-07/23/73	4	92.	91.25	93.	88.	5.583	2.363	**	**	**
00400	PH (STANDARD UNITS)	09/16/71-08/02/72	2	6.8	6.8	7.1	6.5	0.18	0.424	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/71-08/02/72	2	6.704	6.704	7.1	6.5	0.199	0.446	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/71-08/02/72	2	0.198	0.198	0.316	0.079	0.028	0.167	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/16/71-08/02/72	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/16/71-08/02/72	2	0.	0.	0.	0.	0.	0.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/02/72-08/02/72	1	56.	56.	56.	56.	0.	0.	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/02/72-08/02/72	1	47.	47.	47.	47.	0.	0.	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/02/72-08/02/72	1	9.	9.	9.	9.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	24.	23.667	33.	14.	90.333	9.504	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	6.	8.333	15.	4.	34.333	5.859	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-08/02/72	3	9.	15.333	29.	8.	140.333	11.846	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	01/27/71-08/02/72	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0139

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0140

NPS Station ID: BLRI0140 LAT/LON: 36.241670/ -81.594449
 Location: S FORK NEW R NEAR RUTHERWOOD NC INACT-730717
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001062 RF1 Mile Point: 48.410
 RF3 Index: 05050001006231.56 RF3 Mile Point: 31.74
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K2700000 /NEW007
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	19.	16.143	21.	5.	35.476	5.956	**	**	**	**
00065	STAGE, STREAM (FEET)	3	4.62	4.403	4.75	3.84	0.242	0.492	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	9.4	9.757	12.1	7.5	2.603	1.613	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	7	96.	97.429	119.	82.	140.286	11.844	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	7	7.	6.857	7.6	6.2	0.293	0.541	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	7.	6.611	7.6	6.2	0.363	0.603	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.1	0.245	0.631	0.025	0.059	0.242	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	16.	16.143	21.	11.	10.476	3.237	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	7 ##	0.02	0.589	4.	0.02	2.263	1.504	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	1	98.	98.	98.	98.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	2 ##	67.51	67.51	135.	0.02	9109.8	95.445	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	2 ##	2.025	2.025	4.	0.05	7.801	2.793	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	41545.	41545.	83000.	90.	3437034050.	58626.223	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	3.437	3.437	4.919	1.954	4.395	2.096	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	150.	364.286	1300.	10.	226395.238	475.81	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	2.176	2.117	3.114	1.	0.584	0.764	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	1	130.838	130.838	130.838	130.838	0.	0.	**	**	**	**
71880	FORMALDEHYDE (MG/L)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0140

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	1	1.00	1	1	1.00										
00300	OXYGEN, DISSOLVED	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
00400	PH	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
		6.5	7	3	0.43	4	2	0.50	1	0	0.00	2	1	0.50				
00720	CYANIDE, TOTAL	0.022	7	1	0.14	5	1	0.20	1	0	0.00	1	0	0.00				
		0.2	7	1	0.14	5	1	0.20	1	0	0.00	1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL	360.	1	0	0.00	1	0	0.00										
		50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED	130.	1	0	0.00	1	0	0.00										
		4.	1	1	1.00	1	1	1.00										
01034	CHROMIUM, TOTAL	100.	6	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00				
01042	COPPER, TOTAL	18.	2	1	0.50	2	1	0.50										
		1300.	2	0	0.00	2	0	0.00										
01051	LEAD, TOTAL	82.	1	0	0.00	1	0	0.00										
		15.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL	1400.	2	0	0.00	2	0	0.00										
		100.	2	0	0.00	2	0	0.00										
01092	ZINC, TOTAL	120.	1	0	0.00	1	0	0.00										
		5000.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	7	3	0.43	5	2	0.40	1	1	1.00	1	0	0.00				
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00							
		2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0141

NPS Station ID: BLRI0141
 Location: TENNESSEE EXPOSURE RISK SURVEY
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03040101
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: BLOWING ROCK WATER SUPPLY INTAKE
 RF1 Index: 03040101077
 RF3 Index: 06010103002912.80
 Description:

LAT/LON: 36.125005/ -81.616670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 6.550
 RF3 Mile Point: 13.60

Agency: 1114PEST
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370118A /ER-80-31 TEN
 Within Park Boundary: No

Date Created: 07/12/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	04/01/80-04/01/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	04/01/80-04/01/80	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/01/80-04/01/80	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/01/80-04/01/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/01/80-04/01/80	1	1.	1.	1.	1.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	04/01/80-04/01/80	1	100.	100.	100.	100.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/01/80-04/01/80	1##	0.65	0.65	0.65	0.65	0.	0.	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/15/80-09/15/80	1##	1.25	1.25	1.25	1.25	0.	0.	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/01/80-04/01/80	1	254.	254.	254.	254.	0.	0.	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	04/01/80-04/01/80	1##	1.	1.	1.	1.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	1##	3.	3.	3.	3.	0.	0.	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	1	20.	20.	20.	20.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/01/80-04/01/80	1	162.	162.	162.	162.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/01/80-04/01/80	1	32.	32.	32.	32.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/01/80-04/01/80	1	270.	270.	270.	270.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/80-04/01/80	1##	25.	25.	25.	25.	0.	0.	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	04/01/80-04/01/80	1##	50.	50.	50.	50.	0.	0.	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1##	20.	20.	20.	20.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/01/80-04/01/80	1##	10.	10.	10.	10.	0.	0.	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/01/80-04/01/80	1	7.	7.	7.	7.	0.	0.	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/15/80-09/15/80	1##	1.	1.	1.	1.	0.	0.	**	**	**
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	09/15/80-09/15/80	1##	2.75	2.75	2.75	2.75	0.	0.	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/01/80-04/01/80	1	67.	67.	67.	67.	0.	0.	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	04/01/80-04/01/80	1	65.	65.	65.	65.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th		
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/01/80-04/01/80	1	104.	104.	104.	104.	104.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/01/80-04/01/80	1 ##	7.5	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	04/01/80-04/01/80	1 ##	25.	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/80-04/01/80	1	300.	300.	300.	300.	300.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/01/80-04/01/80	1	51500.	51500.	51500.	51500.	51500.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/80-04/01/80	1 ##	20.	20.	20.	20.	20.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/01/80-04/01/80	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	09/15/80-09/15/80	1 ##	1.1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	04/01/80-04/01/80	1	1886.	1886.	1886.	1886.	1886.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
01163	ZIRCONIUM IN BOTTOM DEPOSITS (MG/KG AS ZR DRY WT)	04/01/80-04/01/80	1 ##	0.5	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/01/80-04/01/80	1	36600.	36600.	36600.	36600.	36600.	0.	0.	**	**	**	**
01203	YTRITIUM, TOTAL (UG/L AS Y)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
32734	PHENOLICS,TISSUE,WET WEIGHT,MG/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLC GC-MS, HEXADECONE EXTR.(UG/L)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLC GC-MS, HEXADECONE EXTR.(UG/L)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	04/01/80-04/01/80	1 ##	50.	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	50.	50.	50.	50.	50.	0.	0.	**	**	**	**
34214	ACROLEIN WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	04/01/80-04/01/80	1 ##	50.	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	50.	50.	50.	50.	50.	0.	0.	**	**	**	**
34219	ACRYLONITRILE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.25	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	0.35	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	0.35	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34272	BIS (CHLOROMETHYL) ETHER WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34291	BROMOFORM WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34301	CHLOROENZENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34305	CHLOROENZENE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34326	CYANIDE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34335	DICHLORODIFLUOROMETHANE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34350	1,2-DIPHENYLHYDRAZINE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTISMG/KG	09/15/80-09/15/80	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTISMG/KG	09/15/80-09/15/80	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTISMG/KG	09/15/80-09/15/80	1##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34385	FLUORENE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTISMG/KG	09/15/80-09/15/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	04/01/80-04/01/80	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34407	INDENO (1,2,3-CD) PYRENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34417	METHYL BROMIDE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34427	METHYLENE CHLORIDE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34468	PHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34473	PYRENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34474	SILVER WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34483	TOLUENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34484	TOLUENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34492	TRICHLOROFLUOROMETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34536	1,2-DICHLOROETHANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROETHANE WET WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34540	1,2-DICHLOROETHANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34590	2-CHLOROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34650	4-NITROPHENOL WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	04/01/80-04/01/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGT, MG/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE, TISSUE, WET WGT WET WGT	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34685	ENDRIN WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGT TISM/G/KG	09/15/80-09/15/80	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	09/15/80-09/15/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	04/01/80-04/01/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	04/01/80-04/01/80	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE, TISSUE, WET WGT, MG/KG	09/15/80-09/15/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL)PHTHALATE, WHOLE WATER, UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL)PHTHALATE, SEDIMENT, DRY WGT, UG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	04/01/80-04/01/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	04/01/80-04/01/80	1 ##	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/15/80-09/15/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	04/01/80-04/01/80	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/80-04/01/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/01/80-04/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/15/80-09/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/01/80-04/01/80	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/01/80-04/01/80	1##	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	04/01/80-04/01/80	1##	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/01/80-04/01/80	1##	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/01/80-04/01/80	1##	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	1##	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	1##	5.	5.	5.	5.	5.	5.	5.	5.	5.
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/01/80-04/01/80	1##	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/01/80-04/01/80	1##	5.	5.	5.	5.	5.	5.	5.	5.	5.
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	04/01/80-04/01/80	1##	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/01/80-04/01/80	1##	5.	5.	5.	5.	5.	5.	5.	5.	5.
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	2500.	2500.	2500.	2500.	2500.
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	04/01/80-04/01/80	1##	5.	5.	5.	5.	5.	5.	5.	5.	5.
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/15/80-09/15/80	1##	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	04/01/80-04/01/80	1##	2500.	2500.	2500.	2500.	2500.	2500.	2500.	2500.	2500.
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/15/80-09/15/80	1##	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	04/01/80-04/01/80	1	75.	75.	75.	75.	75.	75.	75.	75.	75.
71900	MERCURY, TOTAL (UG/L AS HG)	04/01/80-04/01/80	1##	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/80-04/01/80	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	1##	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	1	33.	33.	33.	33.	33.	33.	33.	33.	33.
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/15/80-09/15/80	1##	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/15/80-09/15/80	1##	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
74010	IRON, TOTAL (MG/L AS FE)	04/01/80-04/01/80	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
79020	SODIUM IN FISH UG/KG	09/15/80-09/15/80	1	1045000.	1045000.	1045000.	1045000.	1045000.	1045000.	1045000.	1045000.	1045000.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/15/80-09/15/80	1	1.	1.	1.	1.	1.	1.	1.	1.	1.
81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1	9300.	9300.	9300.	9300.	9300.	9300.	9300.	9300.	9300.
81656	MAGNESIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1	450.	450.	450.	450.	450.	450.	450.	450.	450.
81658	BARIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
81659	COBALT IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1##	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1	109.	109.	109.	109.	109.	109.	109.	109.	109.
81662	MOLYBDENUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1##	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
81665	VANADIUM IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1##	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	09/15/80-09/15/80	1	2536.	2536.	2536.	2536.	2536.	2536.	2536.	2536.	2536.
81763	1-HYDROXYCHLORDENE IN SEDIMENT'S DRY WEIGHT UG/KG	04/01/80-04/01/80	1##	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0141

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	0	0.00													
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0	0.00													
		Drinking Water	5.	0	0.00													
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0141

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Standard	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0	0.00						1	0	0.00			
	Drinking Water	2.	0 &	0	0	0.00											
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0	0.00						1	0	0.00			
	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0	0.00											
	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0	0.00						1	0	0.00			
	Drinking Water	5000.	1	0	0	0.00						1	0	0.00			
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0	0.00						1	0	0.00			
	Drinking Water	6.	0 &	0	0	0.00											
01147 SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0	0.00											
	Drinking Water	50.	1	0	0	0.00						1	0	0.00			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0	0.00						1	0	0.00			
	Drinking Water	5.	0 &	0	0	0.00											
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0	0.00						1	0	0.00			
	Drinking Water	5.	0 &	0	0	0.00											
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0	0.00						1	0	0.00			
	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0	0.00						1	0	0.00			
	Drinking Water	1000.	1	0	0	0.00						1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0	0.00						1	0	0.00			
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0	0.00						1	0	0.00			
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0	0.00						1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
34306 CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
34346 1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0	0.00						1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0	0.00						1	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0	0.00						1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0	0.00						1	0	0.00			
	Drinking Water	700.	1	0	0	0.00						1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0	0.00						1	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0	0.00						1	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0	0.00						1	0	0.00			
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0	0.00						1	0	0.00			
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0	0.00											
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0	0.00						1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	0 &	0	0	0.00											
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0	0.00						1	0	0.00			
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0	0.00						1	0	0.00			
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0	0.00						1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0	0.00						1	0	0.00			
	Drinking Water	5.	0 &	0	0	0.00											
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0	0.00						1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0	0.00						1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0	0.00											
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0	0.00						1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0	0.00											
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0	0.00						1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0	0.00						1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0	0.00						1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0	0.00						1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0	0.00						1	0	0.00			
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0	0.00						1	0	0.00			
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0	0.00						1	0	0.00			
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0	0.00						1	0	0.00			
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0141

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00						1	0	0.00				
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00						1	0	0.00				
	Drinking Water	1.	0 &	0	0.00												
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00						1	0	0.00				
	Drinking Water	6.	1	0	0.00						1	0	0.00				
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00						1	0	0.00				
	Drinking Water	5.	0 &	0	0.00												
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00						1	0	0.00				
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00						1	0	0.00				
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00						1	0	0.00				
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00						1	0	0.00				
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00						1	0	0.00				
	Drinking Water	0.2	1	0	0.00						1	0	0.00				
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00						1	0	0.00				
	Drinking Water	2.	1	0	0.00						1	0	0.00				
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00						1	0	0.00				
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00						1	0	0.00				
	Drinking Water	2.	1	0	0.00						1	0	0.00				
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00						1	0	0.00				
	Drinking Water	3.	1	0	0.00						1	0	0.00				
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00						1	0	0.00				
	Drinking Water	0.4	1	0	0.00						1	0	0.00				
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00						1	0	0.00				
	Drinking Water	0.2	1	0	0.00						1	0	0.00				
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00						1	0	0.00				
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00						1	0	0.00				
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00						1	0	0.00				
	Drinking Water	2.	1	0	0.00						1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0142

NPS Station ID: BLRI0142 LAT/LON: 36.213892/ -81.644448
 Location: S FORK NEW R @SR1515 NR BOONE NC INACT-730717
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 05050001088500.30 RF3 Mile Point: 0.34
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K1800000 /NEW004
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	19.	16.429	22.	6.	32.286	5.682	**	**	**	**
00065	STAGE, STREAM (FEET)	3	1.74	1.497	1.84	0.91	0.261	0.511	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	9.1	9.843	11.7	8.3	1.986	1.409	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	7	97.	98.857	116.	89.	78.476	8.859	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	7	7.	6.929	7.8	6.2	0.406	0.637	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	7.	6.608	7.8	6.2	0.526	0.725	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.1	0.247	0.631	0.016	0.066	0.257	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	14.	13.857	19.	10.	7.81	2.795	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	7 ##	0.02	0.16	1.	0.02	0.137	0.37	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	1	91.	91.	91.	91.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	2 ##	67.51	67.51	135.	0.02	9109.8	95.445	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	2 ##	1.025	1.025	2.	0.05	1.901	1.379	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	750050.	750050.	1500000.	100.	*****	1060589.461	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	4.088	4.088	6.176	2.	8.72	2.953	**	**	**	**
31614	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)			12247.449								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION			2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	140.	463.571	1400.	5.	296222.619	544.263	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	2.146	2.159	3.146	0.699	0.796	0.892	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			144.263								
71880	FORMALDEHYDE (MG/L)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0142

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	1	1.00	1	1	1.00										
00300	OXYGEN, DISSOLVED	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
00400	PH	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
		6.5	7	3	0.43	4	2	0.50	1	0	0.00	2	1	0.50				
00720	CYANIDE, TOTAL	0.022	7	1	0.14	5	1	0.20	1	0	0.00	1	0	0.00				
		0.2	7	1	0.14	5	1	0.20	1	0	0.00	1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL	360.	1	0	0.00	1	0	0.00										
		50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED	130.	1	0	0.00	1	0	0.00										
		4.	1	1	1.00	1	1	1.00										
01034	CHROMIUM, TOTAL	100.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00				
01042	COPPER, TOTAL	18.	2	1	0.50	2	1	0.50										
		1300.	2	0	0.00	2	0	0.00										
01051	LEAD, TOTAL	82.	1	0	0.00	1	0	0.00										
		15.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL	1400.	2	0	0.00	2	0	0.00										
		100.	2	0	0.00	2	0	0.00										
01092	ZINC, TOTAL	120.	1	0	0.00	1	0	0.00										
		5000.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	7	3	0.43	5	3	0.60	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00							
		2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0143

NPS Station ID: BLRI0143 LAT/LON: 36.145838/ -81.661115
 Location: MID FK S FK NEW R @SR1533 NR BLOW R INACT-730717
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW RIVER
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 05050001089004.69 RF3 Mile Point: 4.69
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K0600000 /NEW003
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.70
 Distance from RF3: 0.13

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	7	18.	15.571	20.	5.	30.286	5.503	**	**	**
00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	3	12.11	12.01	12.14	11.78	0.04	0.2	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	1	220.	220.	220.	220.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-07/17/73	8	8.5	8.288	12.4	0.6	12.233	3.498	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	7	88.	92.286	112.	82.	110.238	10.499	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	6	0.95	1.067	2.3	0.4	0.455	0.674	**	**	**
00400	PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.5	6.514	7.	6.2	0.061	0.248	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.5	6.463	7.	6.2	0.065	0.254	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-09/15/71	7	0.316	0.344	0.631	0.1	0.026	0.162	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-09/15/71	7	10.	11.143	15.	9.	4.476	2.116	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	7	0.	0.	0.	0.	0.	0.	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	1	18.	18.	18.	18.	0.	0.	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	1	84.	84.	84.	84.	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	1	135.	135.	135.	135.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	1	12.	12.	12.	12.	0.	0.	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	8012.5	8012.5	16000.	25.	127600312.5	11296.031	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	2.801	2.801	4.204	1.398	3.937	1.984	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	2.801	632.456	4.204	1.398	3.937	1.984	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	2.	0.301	0.301	0.	0.	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	220.	491.429	1500.	5.	405005.952	636.401	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	2.342	2.041	3.176	0.699	1.086	1.042	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	2.342	109.853	3.176	0.699	1.086	1.042	**	**	**
71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0143

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER																	
	Other-Hi Lim.	50.	1	1	1.00	1	1	1.00										
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	8	1	0.13	5	1	0.20	1	0	0.00	2	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	7	5	0.71	4	4	1.00	1	0	0.00	2	1	0.50				
00720	CYANIDE, TOTAL																	
	Fresh Acute	0.022	1	1	1.00	1	1	1.00										
	Drinking Water	0.2	1	1	1.00	1	1	1.00										
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED																	
	Fresh Acute	130.	1	0	0.00	1	0	0.00										
	Drinking Water	4.	1	1	1.00	1	1	1.00										
01042	COPPER, TOTAL																	
	Fresh Acute	18.	1	1	1.00	1	1	1.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01051	LEAD, TOTAL																	
	Fresh Acute	82.	1	0	0.00	1	0	0.00										
	Drinking Water	15.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL																	
	Fresh Acute	1400.	1	0	0.00	1	0	0.00										
	Drinking Water	100.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																	
	Other-Hi Lim.	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION																	
	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	7	4	0.57	5	4	0.80	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0144

NPS Station ID: BLRI0144 LAT/LON: 36.143059/ -81.666671
 Location: MID FK S FK NEW R @US221 @BLOWING R INACT-730717
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW RIVER
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 05050001089004.92 RF3 Mile Point: 5.00
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K0300000 /NEW002
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.40
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	17.	15.857	22.	5.	31.143	5.581	**	**	**	**
00065	STAGE, STREAM (FEET)	3	14.45	14.317	14.51	13.99	0.081	0.284	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	8	7.2	7.663	11.3	1.8	9.246	3.041	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	7	80.	83.714	107.	70.	170.571	13.06	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	6	1.5	1.667	3.5	0.3	1.079	1.039	**	**	**	**
00400	PH (STANDARD UNITS)	7	6.4	6.414	6.8	6.2	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	6.4	6.375	6.8	6.2	0.047	0.216	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.398	0.422	0.631	0.158	0.031	0.176	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	12.	13.286	24.	11.	22.571	4.751	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	1	74.	74.	74.	74.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	1	135.	135.	135.	135.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	31012.5	31012.5	62000.	25.	1920450312.5	43822.943	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	3.095	3.095	4.792	1.398	5.761	2.4	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)			1244.99								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION			2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	900.	2207.857	12000.	5.	18989882.143	4357.738	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	2.954	2.359	4.079	0.699	1.595	1.263	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			228.375								
71880	FORMALDEHYDE (MG/L)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER																	
	Other-Hi Lim.	50.	1	1	1.00	1	1	1.00										
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	8	1	0.13	5	1	0.20	1	0	0.00	2	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	7	6	0.86	4	4	1.00	1	1	1.00	2	1	0.50				
00720	CYANIDE, TOTAL																	
	Fresh Acute	0.022	1	1	1.00	1	1	1.00										
	Drinking Water	0.2	1	1	1.00	1	1	1.00										
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED																	
	Fresh Acute	130.	1	0	0.00	1	0	0.00										
	Drinking Water	4.	1	1	1.00	1	1	1.00										
01042	COPPER, TOTAL																	
	Fresh Acute	18.	1	1	1.00	1	1	1.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01051	LEAD, TOTAL																	
	Fresh Acute	82.	1	0	0.00	1	0	0.00										
	Drinking Water	15.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL																	
	Fresh Acute	1400.	1	0	0.00	1	0	0.00										
	Drinking Water	100.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																	
	Other-Hi Lim.	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION																	
	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	7	4	0.57	5	4	0.80	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0145

NPS Station ID: BLRI0145 LAT/LON: 36.141670/ -81.669448
 Location: MID FK S FK NEW R @BLOWING ROCK INACT-741022
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW RIVER
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 06010103002912.80 RF3 Mile Point: 13.60
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K0010000 /NEW001
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0145

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-10/22/74	8	16.5	16.	24.	5.	44.	6.633	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	3	3.14	3.023	3.14	2.79	0.041	0.202	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/17/73-07/17/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/74-10/22/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-10/22/74	9	7.9	8.367	11.8	1.1	10.635	3.261	1.1	7.55	11.35	11.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-10/22/74	8	90.5	91.375	110.	79.	87.125	9.334	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	6	1.25	1.317	2.4	0.5	0.406	0.637	**	**	**	**
00400	PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.4	6.457	6.9	6.3	0.05	0.223	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.4	6.417	6.9	6.3	0.051	0.227	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-09/15/71	7	0.398	0.382	0.501	0.126	0.021	0.145	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-09/15/71	7	11.	11.714	18.	7.	16.571	4.071	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	1	83.	83.	83.	83.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	1	135.	135.	135.	135.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	1662.5	1662.5	3300.	25.	5362812.5	2315.775	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/06/70-07/17/73	2	2.458	2.458	3.519	1.398	2.248	1.499	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506				287.228								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION				2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	20.	35.	120.	5.	1933.333	43.97	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	1.301	1.232	2.079	0.699	0.326	0.571	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				17.057								
71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0145

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	1	1.00	1	1	1.00										
00300	OXYGEN, DISSOLVED	4.	9	1	0.11	5	1	0.20	2	0	0.00	2	0	0.00				
00400	PH	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
		6.5	7	5	0.71	4	4	1.00	1	0	0.00	2	1	0.50				
00720	CYANIDE, TOTAL	0.022	1	1	1.00	1	1	1.00										
		0.2	1	1	1.00	1	1	1.00										
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL	360.	1	0	0.00	1	0	0.00										
		50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED	130.	1	0	0.00	1	0	0.00										
		4.	1	1	1.00	1	1	1.00										
01042	COPPER, TOTAL	18.	1	1	1.00	1	1	1.00										
		1300.	1	0	0.00	1	0	0.00										
01051	LEAD, TOTAL	82.	1	0	0.00	1	0	0.00										
		15.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL	1400.	1	0	0.00	1	0	0.00										
		100.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00							
		2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0146

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	3	0.43	4	2	0.50	1	0	0.00	2	1	0.50			
00720 CYANIDE, TOTAL	Fresh Acute	0.022	1	1	1.00	1	1	1.00									
	Drinking Water	0.2	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01010 BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	1	1	1.00	1	1	1.00									
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	1	0	0.00				1	1	1.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	5	0.71	5	4	0.80	1	1	1.00	1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0147

NPS Station ID: BLRI0147
 Location: CHETOLA LAKE
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin:
 Minor Basin:
 RF1 Index: 03050101
 RF3 Index: 05050001090200.00
 Description:

LAT/LON: 36.137782/-81.672226

Depth of Water: 6
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.93

Agency: 12ELS1
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 3A2-004
 Within Park Boundary: No

Date Created: 04/16/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 4.90
 Distance from RF3: 0.26

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	1	2.29	2.29	2.29	2.29	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/21/84-11/21/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/84-11/21/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	1	244.9	244.9	244.9	244.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CaCO3)	11/21/84-11/21/84	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	1	3.65	3.65	3.65	3.65	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/21/84-11/21/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	1	89.	89.	89.	89.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	1	0.034	0.034	0.034	0.034	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/21/84-11/21/84	1	210.	210.	210.	210.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	1	3480.16	3480.16	3480.16	3480.16	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00					1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	1	0	0.00				1	0	0.00							
00941	CHLORIDE, DISSOLVED IN WATER	860.	1	0	0.00				1	0	0.00							
	Fresh Acute								1	0	0.00							
	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00				1	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00				1	0	0.00							
82079	TURBIDITY, LAB	50.	1	0	0.00				1	0	0.00							
	Other-Hi Lim.																	

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0148

NPS Station ID: BLRI0148 LAT/LON: 36.193059/ -81.684726
 Location: WINKLER CREEK NEAR BOONE NC INACT-730717
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 05050001 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 05050001 RF1 Mile Point: 0.000
 RF3 Index: 05050001089004.06 RF3 Mile Point: 4.05
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K0900000 /NEW003A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 13.80
 Distance from RF3: 0.08

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	7	18.	17.286	25.	8.	25.905	5.09	**	**	**
00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	3	2.27	2.257	2.42	2.08	0.029	0.17	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-09/15/71	7	9.1	9.043	10.5	7.3	1.576	1.255	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	7	87.	92.857	111.	80.	117.476	10.839	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/73-07/17/73	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.7	6.6	7.	6.2	0.107	0.327	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.7	6.499	7.	6.2	0.119	0.344	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-09/15/71	7	0.2	0.317	0.631	0.1	0.048	0.219	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-09/15/71	7	8.	8.	11.	5.	3.667	1.915	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	7	0.	0.	0.	0.	0.	0.	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	1	15.	15.	15.	15.	0.	0.	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	1	83.	83.	83.	83.	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	1	135.	135.	135.	135.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)				50.							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION				2.							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7 ##	5.	7.857	20.	5.	32.143	5.669	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7 ##	0.699	0.828	1.301	0.699	0.056	0.237	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				6.73							
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/17/73-07/17/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0148

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	3	0.43	4	2	0.50	1	0	0.00	2	1	0.50			
00720 CYANIDE, TOTAL	Fresh Acute	0.022	1	1	1.00	1	1	1.00									
	Drinking Water	0.2	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01010 BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	1	1	1.00	1	1	1.00									
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0149

NPS Station ID: BLRI0149 LAT/LON: 36.220837/ -81.695837
 Location: BOONE CREEK @US321 & 421 NR BOONE INACT-730717
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: NEW
 RF1 Index: 06010103 RF1 Mile Point: 0.000
 RF3 Index: 05050001088402.20 RF3 Mile Point: 2.45
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): K1200000 /NEW003B
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-09/15/71	7	17.	15.571	20.	8.	17.619	4.198	**	**	**	**
00065	STAGE, STREAM (FEET)	05/10/71-09/15/71	2	2.375	2.375	4.15	0.6	6.301	2.51	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/06/70-09/15/71	7	8.8	9.057	12.4	7.	3.223	1.795	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/06/70-09/15/71	7	88.	89.429	115.	76.	175.952	13.265	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/70-07/17/73	8	1.95	2.625	5.8	0.8	3.145	1.773	**	**	**	**
00400	PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.5	6.7	7.7	6.2	0.293	0.542	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-09/15/71	7	6.5	6.498	7.7	6.2	0.341	0.584	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-09/15/71	7	0.316	0.317	0.631	0.02	0.063	0.25	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/70-09/15/71	7	22.	21.571	29.	15.	28.952	5.381	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/06/70-09/15/71	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/73-07/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/73-07/17/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/73-07/17/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/17/73-07/17/73	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/17/73-07/17/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/73-07/17/73	1	135.	135.	135.	135.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/17/73-07/17/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	240045.	240045.	480000.	90.115156804050.	339347.615	**	**	**	**	
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	3.818	3.818	5.681	1.954	6.945	2.635	**	**	**	
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/06/70-07/17/73	2	3.818	3.818	5.681	1.954	6.945	2.635	**	**	**	
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**	
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	07/17/73-07/17/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	
31614	GEOMETRIC MEAN =	07/17/73-07/17/73	1	2.	2.	2.	2.	0.	0.	**	**	**	
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	700.	1571.429	4200.	40.	3044814.286	1744.94	**	**	**	
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	2.845	2.687	3.623	1.602	0.758	0.871	**	**	**	
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/15/70-07/17/73	7	2.845	2.687	3.623	1.602	0.758	0.871	**	**	**	
31616	GEOMETRIC MEAN =	07/15/70-07/17/73	7	2.845	2.687	3.623	1.602	0.758	0.871	**	**	**	
71880	FORMALDEHYDE (MG/L)	07/17/73-07/17/73	1	0.	0.	0.	0.	0.	0.	**	**	**	
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/70-12/09/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0149

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	7	4	0.57	4	3	0.75	1	0	0.00	2	1	0.50				
00720	CYANIDE, TOTAL																	
	Fresh Acute	0.022	1	1	1.00	1	1	1.00										
	Drinking Water	0.2	1	1	1.00	1	1	1.00										
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	1	0	0.00	1	0	0.00										
	Drinking Water	50.	1	0	0.00	1	0	0.00										
01010	BERYLLIUM, DISSOLVED																	
	Fresh Acute	130.	1	0	0.00	1	0	0.00										
	Drinking Water	4.	1	1	1.00	1	1	1.00										
01042	COPPER, TOTAL																	
	Fresh Acute	18.	1	1	1.00	1	1	1.00										
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL																	
	Fresh Acute	1400.	1	0	0.00	1	0	0.00										
	Drinking Water	100.	1	0	0.00	1	0	0.00										
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																	
	Other-Hi Lim.	1000.	2	1	0.50	1	0	0.00				1	1	1.00				
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION																	
	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00										
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	7	4	0.57	5	4	0.80	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0150

NPS Station ID: BLRI0150 LAT/LON: 36.178615/ -81.716670
 Location: UPPER LANCE CREEK LAKE (TRIB. TO WATAUGA R.73.8)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9290 5320 0500 2750
 RMI-Miles: 0953.80 0046.50 652.10 142.20 019.93 073.77 03.10
 HUC: 06010103 Depth of Water: 0
 Major Basin: HOLSTON RIVER BASIN Elevation: 0
 Minor Basin: LANCE CREEK 3.10
 RF1 Index: 06010103 RF1 Mile Point: 0.000
 RF3 Index: 06010103038500.00 RF3 Mile Point: 2.39
 Description:
 ELEVATION MSL FEET, 3680 SURFACE AREA ACRES, >5
 MAP (QUAD NO.) 221NW

Agency: 131TVAC
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370071
 Within Park Boundary: No

Date Created: 03/26/83

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 6.50
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	5	8.1	8.1	8.4	7.8	0.09	0.3	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	5	26.	26.	26.	26.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	5	9.3	9.42	9.8	9.3	0.047	0.217	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/82-10/27/82	5	6.2	6.182	6.23	6.11	0.002	0.048	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/82-10/27/82	5	6.2	6.18	6.23	6.11	0.002	0.048	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	5	0.631	0.661	0.776	0.589	0.006	0.075	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/82-10/27/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/82-10/27/82	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/27/82-10/27/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/27/82-10/27/82	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	10/27/82-10/27/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	10/27/82-10/27/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	10/27/82-10/27/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0150

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED		5	0	0.00				5	0	0.00						
00400	PH	Other-Lo Lim.	4.	5	0	0.00			5	0	0.00						
		Other-Hi Lim.	9.	5	0	0.00			5	0	0.00						
		Other-Lo Lim.	6.5	5	5	1.00			5	5	1.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00			1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00			1	0	0.00						
		Drinking Water	250.	1	0	0.00			1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)		1	0	0.00			1	0	0.00							
00950	FLUORIDE, DISSOLVED AS F		1	0	0.00			1	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)		1	0	0.00			1	0	0.00							
82295	CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	1	0	0.00			1	0	0.00						
		Drinking Water	250000.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0151

NPS Station ID: BLRI0151 LAT/LON: 36.138337/ -81.719449
 Location: SIMS POND (TRIBUTARY TO BOONE FORK 3.30)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9290 5320 0500 2770 0100
 RMI-Miles: 0953.80 0046.50 652.10 142.20 019.93 074.97 03.30 01.02
 HUC: 06010103 Depth of Water: 0
 Major Basin: HOLSTON RIVER BASIN Elevation: 0
 Minor Basin: SIMS CREEK 1.02
 RF1 Index: 06010103 RF1 Mile Point: 0.000
 RF3 Index: 06010103003012.10 RF3 Mile Point: 12.10
 Description:
 ELEVATION MSL FEET, 3420 SURFACE AREA ACRES, >5
 MAP (QUAD NO.) 221NW

Agency: 131TVAC
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370070
 Within Park Boundary: Yes

Date Created: 03/26/83

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0151

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	5	7.2	7.06	7.3	6.7	0.083	0.288	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	5	28.	28.	28.	28.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	5	9.6	9.66	9.8	9.6	0.008	0.089	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/82-10/27/82	5	5.92	5.922	5.98	5.87	0.002	0.041	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/82-10/27/82	5	5.92	5.92	5.98	5.87	0.002	0.042	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	5	1.202	1.201	1.349	1.047	0.013	0.114	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/82-10/27/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/82-10/27/82	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/27/82-10/27/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/27/82-10/27/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	10/27/82-10/27/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	10/27/82-10/27/82	1	60.	60.	60.	60.	0.	0.	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	10/27/82-10/27/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0151

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00				5	0	0.00							
00400 PH	Other-Hi Lim.	9.	5	0	0.00				5	0	0.00							
	Other-Lo Lim.	6.5	5	5	1.00				5	5	1.00							
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00							
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00							
82295 CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	1	0	0.00				1	0	0.00							
	Drinking Water	250000.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0152

NPS Station ID: BLRI0152 LAT/LON: 36.180559/ -81.720838
 Location: LANCE CK NR BLOWING ROCK NC INACT-730620
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: WATAUGA
 RF1 Index: 06010103 RF1 Mile Point: 0.000
 RF3 Index: 06010103037500.00 RF3 Mile Point: 1.82
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): L1000000 /WAT001
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.30
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-06/20/73	6	16.	14.333	20.	6.	25.467	5.046	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/20/73-06/20/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-06/20/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/20/71-06/20/73	2	1.44	1.44	1.7	1.18	0.135	0.368	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/73-06/20/73	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-06/20/73	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/05/70-06/20/73	6	7.05	7.067	7.7	6.5	0.235	0.484	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/05/70-06/20/73	6	7.025	6.871	7.7	6.5	0.281	0.53	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/70-06/20/73	6	0.094	0.135	0.316	0.02	0.015	0.123	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/05/70-06/20/73	6	7.	8.	12.	6.	4.8	2.191	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-06/20/73	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/05/70-04/20/71	5	10.	9.8	12.	7.	3.7	1.924	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/20/73	2##	10.125	10.125	20.	0.25	195.031	13.965	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-06/20/73	2##	0.349	0.349	1.301	-0.602	1.811	1.346	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2.236								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/73-06/20/73	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
85001	BOD, 5 DAY LBS/DAY	05/05/70-04/20/71	5	20.	673.	3300.	5.	2156695.	1468.569	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0152

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00						1	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00		
		Other-Lo Lim.	6.5	6	1	0.17	2	1	0.50	1	0	0.00	3	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0153

NPS Station ID: BLRI0153 LAT/LON: 36.179726/ -81.721948
 Location: UNNAMED LAKE (TRIBUTARY TO LANCE CREEK 0.7)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9290 5320 0500 2750 0030
 RMI-Miles: 0953.80 0046.50 652.10 142.20 019.93 073.77 00.70 01.22
 HUC: 06010103 Depth of Water: 0
 Major Basin: HOLSTON RIVER BASIN Elevation: 0
 Minor Basin: UNNAMED TRIBUTARY 1.22
 RF1 Index: 06010103 RF1 Mile Point: 0.000
 RF3 Index: 06010103038800.66 RF3 Mile Point: 6.79
 Description:
 ELEVATION MSL FEET, 3600 SURFACE AREA ACRES, >5
 MAP (QUAD NO.) 221NW

Agency: 131TVAC
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370072
 Within Park Boundary: No

Date Created: 03/26/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.40
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-10/27/82	6	8.2	8.217	8.4	8.1	0.01	0.098	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-10/27/82	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-10/27/82	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-10/27/82	6	28.	28.	28.	28.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-10/27/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/82-10/27/82	6	9.15	9.117	9.3	8.9	0.022	0.147	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/82-10/27/82	6	6.215	6.217	6.28	6.14	0.004	0.063	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/82-10/27/82	6	6.213	6.213	6.28	6.14	0.004	0.064	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	6	0.613	0.613	0.724	0.525	0.008	0.089	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/82-10/27/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/82-10/27/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-10/27/82	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-10/27/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-10/27/82	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/82-10/27/82	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/27/82-10/27/82	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/27/82-10/27/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-10/27/82	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-10/27/82	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-10/27/82	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-10/27/82	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	10/27/82-10/27/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	10/27/82-10/27/82	1	60.	60.	60.	60.	0.	0.	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	10/27/82-10/27/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-10/27/82	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-10/27/82	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0153

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00				6	0	0.00							
00400 PH	Other-Hi Lim.	9.	6	0	0.00				6	0	0.00							
	Other-Lo Lim.	6.5	6	6	1.00				6	6	1.00							
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00							
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00							
82295 CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	1	0	0.00				1	0	0.00							
	Drinking Water	250000.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0154

NPS Station ID: BLRI0154 LAT/LON: 36.138337/ -81.731948
 Location: PRICE LAKE (TRIBUTARY TO WATAUGA RIVER 74.97)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9290 5320 0500 2770
 RMI-Miles: 0953.80 0046.50 652.10 142.20 019.93 074.97 03.77
 HUC: 06010103 Depth of Water: 0
 Major Basin: HOLSTON RIVER BASIN Elevation: 0
 Minor Basin: BOONE FORK 3.77
 RF1 Index: 06010103030 RF1 Mile Point: 12.440
 RF3 Index: 06010103040300.26 RF3 Mile Point: 0.49
 Description:
 ELEVATION MSL FEET, 3380 SURFACE AREA ACRES, >5
 MAP (QUAD NO.) 221NW

Agency: 131TVAC
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370069
 Within Park Boundary: Yes

Date Created: 03/26/83

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 7.70
 Distance from RF3: 0.09

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/82-11/25/86	71	13.2	14.035	26.2	2.	41.174	6.417	6.64	8.8	20.1	22.9
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/82-11/25/86	11	15.	17.545	32.	10.	41.673	6.455	10.4	13.	21.	30.6
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/27/82-11/25/86	11	24.	24.455	35.	15.	39.473	6.283	16.	20.	30.	34.8
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/82-11/25/86	68	14.	16.206	34.	1.	81.718	9.04	6.8	9.	24.5	30.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/82-11/25/86	11	20.	20.545	28.	17.	11.673	3.417	17.2	18.	22.	27.4
00300	OXYGEN, DISSOLVED MG/L	10/27/82-11/25/86	71	9.7	9.014	14.1	0.3	6.866	2.62	5.32	7.7	10.7	11.46
00400	PH (STANDARD UNITS)	10/27/82-11/25/86	71	6.37	6.423	8.05	5.47	0.317	0.563	5.674	6.	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	10/27/82-11/25/86	71	6.37	6.144	8.05	5.47	0.396	0.629	5.674	6.	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-11/25/86	71	0.427	0.718	3.388	0.009	0.598	0.773	0.079	0.158	1.	2.119
00403	PH, LAB, STANDARD UNITS SU	10/27/82-11/25/86	11	6.9	6.9	7.1	6.4	0.034	0.184	6.48	6.9	7.	7.08
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/82-11/25/86	11	6.9	6.854	7.1	6.4	0.036	0.191	6.48	6.9	7.	7.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/82-11/25/86	11	0.126	0.14	0.398	0.079	0.008	0.088	0.084	0.1	0.126	0.35
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/82-11/25/86	11	5.	4.909	6.	4.	0.891	0.944	4.	4.	6.	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10/27/82-11/25/86	9	5.	5.111	9.	3.	3.111	1.764	3.	4.	6.	9.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	10/27/82-10/27/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/27/82-11/25/86	11 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/22/84-11/25/86	10	3.85	3.35	4.3	1.2	1.174	1.083	1.23	2.85	3.9	4.26
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/82-11/25/86	11	1.7	1.727	2.2	1.4	0.072	0.269	1.4	1.5	1.9	2.16
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/82-11/25/86	11	0.4	0.436	0.8	0.3	0.025	0.157	0.3	0.3	0.5	0.76
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/27/82-11/25/86	11	1.1	1.186	1.7	0.95	0.037	0.192	0.98	1.1	1.2	1.62
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/82-11/25/86	11	0.44	0.464	0.59	0.35	0.006	0.079	0.354	0.41	0.53	0.584
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/82-11/25/86	11	1.6	1.773	2.6	1.4	0.14	0.374	1.42	1.5	2.1	2.52
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/82-11/25/86	11 ##	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.026
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-11/25/86	10	28.5	33.6	71.	10.	380.267	19.5	10.	19.	49.25	69.2
32023	ACIDS, STRONG	10/27/82-11/25/86	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
32024	ACIDS, WEAK	10/27/82-11/25/86	11	130.	202.727	760.	50.	36681.818	191.525	64.	120.	220.	654.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	10/27/82-10/27/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/22/84-11/25/86	10	0.01	0.013	0.06	0.005	0.	0.017	0.005	0.005	0.01	0.055
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/82-11/25/86	11	0.4	0.355	0.9	0.02	0.09	0.3	0.02	0.06	0.5	0.88
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	10/27/82-11/25/86	11	1200.	1236.364	2100.	900.	100545.455	317.089	920.	1100.	1300.	1960.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	71	3	0.04	24	3	0.13	31	0	0.00	16	0	0.00			
00400 PH	Other-Hi Lim.	9.	71	0	0.00	24	0	0.00	31	0	0.00	16	0	0.00			
	Other-Lo Lim.	6.5	71	42	0.59	24	13	0.54	31	16	0.52	16	13	0.81			
00403 PH, LAB	Other-Hi Lim.	9.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	11	1	0.09	3	0	0.00	5	1	0.20	3	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
82295 CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250000.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0155

NPS Station ID: BLRI0155
 Location: PRICE LAKE
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103
 Major Basin:
 Minor Basin:
 RF1 Index: 06010103
 RF3 Index: 05050001089005.58
 Description:

LAT/LON: 36.137503/ -81.733337

Depth of Water: 9
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.58

Agency: 12ELS1
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 3A2-065
 Within Park Boundary: Yes

Date Created: 04/16/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.70
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/21/84-11/21/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/84-11/21/84	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	1	106.5	106.5	106.5	106.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CaCO3)	11/21/84-11/21/84	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	1	1.19	1.19	1.19	1.19	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/21/84-11/21/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	1	139.	139.	139.	139.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	1	0.147	0.147	0.147	0.147	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/21/84-11/21/84	1	120.	120.	120.	120.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	1	3380.09	3380.09	3380.09	3380.09	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0155

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0155

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	1	1	1.00				1	1	1.00							
00941	CHLORIDE, DISSOLVED IN WATER	860.	1	0	0.00				1	0	0.00							
	Fresh Acute								1	0	0.00							
	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00				1	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00				1	0	0.00							
82079	TURBIDITY, LAB	50.	1	0	0.00				1	0	0.00							
	Other-Hi Lim.																	

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0156

NPS Station ID: BLRI0156
 Location: BOONE FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103
 Major Basin:
 Minor Basin:
 RF1 Index: 06010103
 RF3 Index: 06010103003012.53

LAT/LON: 36.134170/ -81.738337

Depth of Water: 0
 Elevation: 1033
 RF1 Mile Point: 0.000
 RF3 Mile Point: 12.53

Agency: 12NSS
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 2A068055L /2X02A068055L
 Within Park Boundary: Yes

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.50
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/86-05/07/86	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/07/86-05/07/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/07/86-05/07/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/86-05/07/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/86-05/07/86	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/07/86-05/07/86	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/07/86-05/07/86	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/86-05/07/86	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	05/07/86-05/07/86	1	114.1	114.1	114.1	114.1	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/07/86-05/07/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/07/86-05/07/86	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/07/86-05/07/86	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/07/86-05/07/86	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/86-05/07/86	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/86-05/07/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/86-05/07/86	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/86-05/07/86	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/86-05/07/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/86-05/07/86	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/86-05/07/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/86-05/07/86	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/86-05/07/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/07/86-05/07/86	1	137.	137.	137.	137.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/86-05/07/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/07/86-05/07/86	1	129.91	129.91	129.91	129.91	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/07/86-05/07/86	1	3390.	3390.	3390.	3390.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/07/86-05/07/86	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	05/07/86-05/07/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0156

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00						1	0	0.00				
		Other-Hi Lim.	9.	1	0	0.00						1	0	0.00				
		Other-Lo Lim.	6.5	1	0	0.00						1	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	200.	1	1	1.00						1	1	1.00				
		Drinking Water	860.	1	0	0.00						1	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	250.	1	0	0.00						1	0	0.00				
		Drinking Water	250.	1	0	0.00						1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	1	0	0.00						1	0	0.00				
		Other-Hi Lim.	44.	1	0	0.00						1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0157

NPS Station ID: BLRI0157
 Location: WATAUGA R @ NC HWY 105 NC SHULLS MILL NC
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103
 Major Basin: SOUTHEAST
 Minor Basin: WATAUGA
 RF1 Index: 06010103030
 RF3 Index: 06010103038900.00
 Description:

LAT/LON: 36.193059/ -81.747226
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 7.520
 RF3 Mile Point: 0.75

Agency: 21NC01WQ
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): L2000000 /WAT002 /03478821
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 13.60
 Distance from RF3: 0.11

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/05/87-09/25/90	15	20.	21.867	50.	15.	78.695	8.871	15.	15.	25.	38.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-12/20/94	67	14.	13.634	25.	1.	41.868	6.471	4.8	9.	19.5	21.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/04/85-09/25/90	34	22.5	17.618	28.	3.	71.334	8.446	4.5	8.	24.	26.
00032	CLOUD COVER (PERCENT)	06/20/73-12/20/94	61	70.	59.836	100.	0.	1402.473	37.45	0.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-12/20/94	42	2.5	3.286	15.	0.	8.404	2.899	1.	1.75	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-12/20/94	57	0.	0.085	2.	0.	0.093	0.305	0.	0.	0.	0.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/81-01/08/92	13	44.	46.846	96.	11.	810.474	28.469	12.2	19.5	74.	88.
00064	DEPTH OF STREAM, MEAN (FT)	02/05/87-09/25/90	15	0.5	0.813	4.	0.3	0.853	0.923	0.3	0.3	1.	2.2
00065	STAGE, STREAM (FEET)	04/20/71-01/08/92	27	9.35	14.298	36.58	2.55	140.261	11.843	2.722	3.13	23.75	27.726
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/85-12/20/94	48	1.5	2.079	15.	0.5	5.448	2.334	0.5	1.	2.575	3.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/04/85-12/20/94	59	35.	35.864	55.	21.	41.499	6.442	28.	32.	40.	44.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/30/86-12/28/89	2	38.5	38.5	44.	33.	60.5	7.778	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/73-12/20/94	62	9.4	9.781	16.	7.7	2.418	1.555	8.	8.7	10.8	12.17
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/73-09/12/85	5	93.	92.4	97.	87.	12.8	3.578	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/85-07/14/93	44	0.7	0.868	2.8	0.2	0.288	0.537	0.4	0.45	1.075	1.65
00400	PH (STANDARD UNITS)	05/05/70-12/20/94	65	7.	7.018	8.1	6.2	0.093	0.306	6.66	6.85	7.1	7.34
00400	CONVERTED PH (STANDARD UNITS)	05/05/70-12/20/94	65	7.	6.923	8.1	6.2	0.103	0.32	6.66	6.85	7.1	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/70-12/20/94	65	0.1	0.119	0.631	0.008	0.008	0.09	0.046	0.079	0.142	0.22
00403	PH, LAB, STANDARD UNITS SU	06/04/85-07/14/93	33	7.	7.061	8.8	6.6	0.146	0.382	6.74	6.85	7.2	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	06/04/85-07/14/93	33	7.	6.969	8.8	6.6	0.154	0.393	6.74	6.85	7.2	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/85-07/14/93	33	0.1	0.107	0.251	0.002	0.003	0.055	0.044	0.063	0.142	0.183
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/05/70-06/06/90	34	10.	10.206	14.	6.	3.684	1.919	8.	9.	11.25	13.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/05/70-06/20/73	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/04/85-10/07/93	46	11.	12.63	30.	6.	26.549	5.153	8.	9.75	14.25	19.6
00500	RESIDUE, TOTAL (MG/L)	06/04/85-07/14/93	45	42.	43.022	110.	2.	325.386	18.038	21.	33.5	50.	65.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/85-12/20/94	60	2.	4.083	55.	0.5	53.908	7.342	0.5	1.	5.	6.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/85-12/20/94	44	0.03	0.035	0.18	0.005	0.001	0.033	0.005	0.02	0.04	0.065
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/04/85-12/20/94	43	0.2	0.18	0.6	0.02	0.011	0.106	0.05	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/04/85-12/20/94	44	0.28	0.321	1.1	0.07	0.029	0.169	0.17	0.213	0.395	0.535
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/04/85-12/20/94	44	0.02	0.022	0.08	0.005	0.	0.015	0.008	0.01	0.03	0.04
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/08/85-12/20/94	48	12.	12.958	36.	6.	24.254	4.925	10.	10.	14.	16.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/28/89-12/28/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/30/89-12/28/89	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	12/28/89-12/28/89	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/70-04/20/71	5	10.	10.2	12.	8.	3.2	1.789	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/85-12/20/94	47 ##	5.	4.896	5.	0.1	0.511	0.715	5.	5.	5.	5.
01007	BIARIUM, TOTAL (UG/L AS BA)	03/30/89-03/30/89	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/28/89-12/28/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	08/08/85-12/20/94	48 ##	1.	2.229	10.	1.	6.351	2.52	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/08/85-12/20/94	48 ##	12.5	13.281	25.	12.5	9.35	3.058	12.5	12.5	12.5
01037	COBALT, TOTAL (UG/L AS CO)	03/30/89-12/28/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/08/85-12/20/94	48 ##	3.	11.729	390.	1.	3119.776	55.855	1.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	03/30/89-12/20/94	20	160.	204.8	680.	85.	20346.589	142.641	85.1	112.5	400.
01051	LEAD, TOTAL (UG/L AS PB)	08/08/85-12/20/94	48 ##	5.	11.917	50.	5.	167.738	12.951	5.	22.	25.9
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/89-09/13/94	6 ##	8.75	9.583	16.	5.	26.442	5.142	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/08/85-12/20/94	48 ##	5.	12.813	50.	5.	169.049	13.002	5.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	12/28/89-12/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/08/85-12/20/94	48 ##	5.	6.229	22.	5.	13.627	3.692	5.	5.	10.2
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-12/20/94	28	86.5	115.786	400.	25.	9687.508	98.425	25.	180.	273.
01132	LITHIUM, TOTAL (UG/L AS LI)	12/28/89-12/28/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	12/30/85-12/30/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	12/30/85-12/30/85	1 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =		5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-12/20/94	49	20.	83.842	1700.	0.25	72716.892	269.661	5.	7.5	120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-12/20/94	49	1.301	1.299	3.23	-0.602	0.413	0.642	0.699	0.849	2.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		19.898								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/04/85-07/14/93	28 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	08/08/85-12/20/94	46 ##	0.1	0.115	0.5	0.1	0.005	0.073	0.1	0.1	0.1
81647	REFERENCE POINT READING(LINEAR FEET)	09/12/81-01/08/92	25	36.16	27.563	37.45	15.6	105.319	10.263	16.146	16.445	37.296
85001	BOD, 5 DAY LBS/DAY	05/05/70-04/20/71	5 ##	5.	1133.	5400.	5.	5701032.5	2387.684	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0157

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	48	0	0.00	16	0	0.00	21	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	4.	62	0	0.00	21	0	0.00	26	0	0.00	15	0	0.00
00400	PH	9.	65	0	0.00	22	0	0.00	26	0	0.00	17	0	0.00
		6.5	65	2	0.03	22	1	0.05	26	1	0.04	17	0	0.00
00403	PH, LAB	9.	33	0	0.00	10	0	0.00	14	0	0.00	9	0	0.00
		6.5	33	0	0.00	10	0	0.00	14	0	0.00	9	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	44	0	0.00	18	0	0.00	15	0	0.00	11	0	0.00
00940	CHLORIDE, TOTAL IN WATER	860.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		250.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	360.	47	0	0.00	16	0	0.00	20	0	0.00	11	0	0.00
		50.	47	0	0.00	16	0	0.00	20	0	0.00	11	0	0.00
01007	BARIUM, TOTAL	2000.	1	0	0.00				1	0	0.00			
01012	BERYLLIUM, TOTAL	130.	1	0	0.00				1	0	0.00			
		4.	0 &	0	0.00									
01027	CADMIUM, TOTAL	3.9	37 &	0	0.00	13	0	0.00	15	0	0.00	9	0	0.00
		5.	37 &	0	0.00	13	0	0.00	15	0	0.00	9	0	0.00
01034	CHROMIUM, TOTAL	100.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
01042	COPPER, TOTAL	18.	48	1	0.02	17	0	0.00	20	1	0.05	11	0	0.00
		1300.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
01051	LEAD, TOTAL	82.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
		15.	37 &	1	0.03	13	0	0.00	15	0	0.00	9	1	0.11
01067	NICKEL, TOTAL	1400.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
		100.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
01077	SILVER, TOTAL	4.1	1	0	0.00				1	0	0.00			
		100.	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	120.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
		5000.	48	0	0.00	17	0	0.00	20	0	0.00	11	0	0.00
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	49	2	0.04	18	2	0.11	18	0	0.00	13	0	0.00
71900	MERCURY, TOTAL	2.4	46	0	0.00	16	0	0.00	19	0	0.00	11	0	0.00
		2.	46	0	0.00	16	0	0.00	19	0	0.00	11	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-12/20/94	23	20.	19.717	25.	14.	8.837	2.973	14.	18.	22.	23.6
00032	CLOUD COVER (PERCENT)	06/20/73-12/20/94	20	50.	55.	100.	0.	1365.789	36.957	0.	17.5	88.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-12/20/94	14	2.	2.571	10.	0.	6.264	2.503	0.	1.	3.	7.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-12/20/94	19	0.	0.1	1.	0.	0.062	0.249	0.	0.	0.1	0.5
00065	STAGE, STREAM (FEET)	04/20/71-01/08/92	7	3.54	12.023	25.52	2.55	129.797	11.393	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/85-12/20/94	16	1.95	2.188	5.5	0.5	1.74	1.319	0.5	1.125	3.125	4.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/04/85-12/20/94	21	37.	37.667	55.	24.	54.633	7.391	28.4	32.	43.	48.2
00300	OXYGEN, DISSOLVED MG/L	06/20/73-12/20/94	21	8.6	8.543	9.6	7.7	0.356	0.596	7.8	8.	8.95	9.38
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/85-07/14/93	13	0.8	1.131	2.8	0.6	0.429	0.655	0.6	0.7	1.4	2.48
00400	PH (STANDARD UNITS)	05/05/70-12/20/94	22	7.	6.977	7.5	6.2	0.089	0.298	6.63	6.775	7.2	7.37
00400	CONVERTED PH (STANDARD UNITS)	05/05/70-12/20/94	22	7.	6.867	7.5	6.2	0.101	0.318	6.63	6.775	7.2	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/70-12/20/94	22	0.1	0.136	0.631	0.032	0.016	0.126	0.043	0.063	0.169	0.236
00403	PH, LAB, STANDARD UNITS SU	06/04/85-07/14/93	10	7.15	7.22	8.8	6.6	0.364	0.603	6.62	6.8	7.3	8.65
00403	CONVERTED PH, LAB, STANDARD UNITS	06/04/85-07/14/93	10	7.147	7.02	8.8	6.6	0.408	0.639	6.62	6.8	7.3	8.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/85-07/14/93	10	0.071	0.096	0.251	0.002	0.005	0.073	0.006	0.05	0.158	0.242
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/05/70-06/06/90	10	12.5	12.2	14.	9.	2.4	1.549	9.2	11.	13.25	14.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/04/85-10/07/93	16	13.	15.313	30.	10.	33.296	5.77	10.	11.	18.5	26.5
00500	RESIDUE, TOTAL (MG/L)	06/04/85-07/14/93	14	43.	45.286	71.	32.	101.451	10.072	33.	37.5	51.25	62.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/85-12/20/94	20	2.5	3.525	11.	0.5	8.197	2.863	1.	1.25	5.	8.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/85-12/20/94	18	0.03	0.036	0.13	0.005	0.001	0.028	0.005	0.02	0.05	0.067
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/04/85-12/20/94	18	0.1	0.154	0.4	0.02	0.009	0.093	0.047	0.1	0.2	0.31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/04/85-12/20/94	18	0.245	0.301	1.1	0.15	0.045	0.213	0.159	0.205	0.325	0.497
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/04/85-12/20/94	18	0.02	0.024	0.05	0.005	0.	0.011	0.01	0.02	0.03	0.041
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/08/85-12/20/94	16	12.	14.813	36.	6.	59.229	7.696	8.8	10.	15.75	31.1
01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/85-12/20/94	16###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/08/85-12/20/94	17###	1.	2.529	10.	1.	9.64	3.105	1.	1.	3.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/08/85-12/20/94	17###	12.5	13.971	25.	12.5	17.233	4.151	12.5	12.5	12.5	25.
01042	COPPER, TOTAL (UG/L AS CU)	08/08/85-12/20/94	17###	2.	3.647	10.	1.	9.618	3.101	1.	1.	5.	10.
01051	LEAD, TOTAL (UG/L AS PB)	08/08/85-12/20/94	17###	5.	12.647	50.	5.	240.993	15.524	5.	5.	15.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	08/08/85-12/20/94	17###	5.	13.824	50.	5.	245.404	15.665	5.	5.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	08/08/85-12/20/94	17###	5.	6.588	15.	5.	9.757	3.124	5.	5.	7.5	12.6
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-12/20/94	10	86.5	112.8	300.	25.	9907.289	99.535	25.	25.	165.	297.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-12/20/94	18	52.5	191.944	1700.	5.	184703.35	429.771	5.	8.75	125.	989.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/14/70-12/20/94	18	1.72	1.632	3.23	0.699	0.561	0.749	0.699	0.925	2.096	2.986
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.879								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/04/85-07/14/93	11###	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	08/08/85-12/20/94	16###	0.1	0.119	0.4	0.1	0.006	0.075	0.1	0.1	0.1	0.19
81647	REFERENCE POINT READING(LINEAR FEET)	09/12/81-01/08/92	7	36.46	28.263	37.45	16.47	121.37	11.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-12/20/94	27	6.	7.296	16.	1.	13.832	3.719	2.8	5.	9.	13.4
00032	CLOUD COVER (PERCENT)	06/20/73-12/20/94	26	75.	64.038	100.	0.	1438.038	37.921	0.	33.75	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-12/20/94	18	3.	4.111	15.	1.	12.458	3.53	1.	2.	5.	10.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-12/20/94	25	0.	0.112	2.	0.	0.166	0.407	0.	0.	0.	0.32
00065	STAGE, STREAM (FEET)	04/20/71-01/08/92	12	6.485	12.292	24.4	2.65	107.94	10.389	2.728	3.015	23.795	24.256
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/85-12/20/94	21	1.	1.248	4.	0.5	1.039	1.019	0.5	0.5	1.45	3.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/04/85-12/20/94	24	35.5	34.5	43.	21.	34.957	5.912	26.5	29.25	40.	42.
00300	OXYGEN, DISSOLVED MG/L	06/20/73-12/20/94	26	10.8	11.146	16.	9.4	1.818	1.348	9.78	10.2	12.125	12.59
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/85-07/14/93	20	0.65	0.72	1.6	0.2	0.153	0.391	0.22	0.4	1.	1.39
00400	PH (STANDARD UNITS)	05/05/70-12/20/94	26	6.95	7.042	8.1	6.5	0.114	0.337	6.67	6.9	7.125	7.52
00400	CONVERTED PH (STANDARD UNITS)	05/05/70-12/20/94	26	6.947	6.948	8.1	6.5	0.123	0.351	6.67	6.9	7.125	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/70-12/20/94	26	0.113	0.113	0.316	0.008	0.005	0.068	0.033	0.075	0.126	0.215
00403	PH, LAB, STANDARD UNITS SU	06/04/85-07/14/93	14	6.9	6.95	7.6	6.7	0.053	0.231	6.7	6.8	7.025	7.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	CONVERTED PH, LAB, STANDARD UNITS	06/04/85-07/14/93	14	6.9	6.906	7.6	6.7	0.056	0.236	6.7	6.8	7.025	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/85-07/14/93	14	0.126	0.124	0.2	0.025	0.002	0.048	0.044	0.095	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/05/70-06/06/90	14	9.	9.214	12.	8.	1.72	1.311	8.	8.	10.25	11.5
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/04/85-10/07/93	19	9.	10.053	18.	6.	8.164	2.857	8.	8.	12.	15.
00500	RESIDUE, TOTAL (MG/L)	06/04/85-07/14/93	20	37.5	36.35	70.	2.	301.503	17.364	14.3	22.5	45.5	62.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/85-12/20/94	26	2.	2.25	5.	0.5	2.605	1.614	0.5	0.5	3.25	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/85-12/20/94	15	0.03	0.035	0.18	0.005	0.002	0.043	0.005	0.01	0.04	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/04/85-12/20/94	15	0.2	0.187	0.3	0.05	0.007	0.081	0.05	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/04/85-12/20/94	15	0.37	0.358	0.55	0.07	0.02	0.14	0.13	0.25	0.47	0.544
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/04/85-12/20/94	15	0.01	0.017	0.08	0.005	0.	0.019	0.005	0.01	0.01	0.056
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/08/85-12/20/94	21	11.	11.81	20.	8.	6.862	2.62	9.2	10.	13.	15.
01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/85-12/20/94	20 ##	5.	4.755	5.	0.1	1.201	1.096	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/08/85-12/20/94	20 ##	1.	2.25	10.	1.	5.987	2.447	1.	1.	4.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/08/85-12/20/94	20 ##	12.5	13.125	25.	12.5	7.813	2.795	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	08/08/85-12/20/94	20 ##	3.	22.25	390.	1.	7496.513	86.582	1.	1.	5.	6.8
01051	LEAD, TOTAL (UG/L AS PB)	08/08/85-12/20/94	20 ##	5.	11.65	50.	5.	147.608	12.149	5.	5.	22.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	08/08/85-12/20/94	20 ##	5.	13.25	50.	5.	161.25	12.698	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	08/08/85-12/20/94	20 ##	5.	5.75	20.	5.	11.25	3.354	5.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-12/20/94	13	50.	98.077	400.	25.	10752.244	103.693	25.	37.5	125.	316.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	18	10.	16.958	110.	0.25	617.561	24.851	4.525	5.	20.	38.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	18	1.	0.955	2.041	-0.602	0.293	0.541	0.569	0.699	1.301	1.534
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			9.015								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/04/85-07/14/93	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	08/08/85-12/20/94	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
81647	REFERENCE POINT READING (LINEAR FEET)	09/12/81-01/08/92	12	33.515	27.708	37.35	15.6	107.94	10.389	15.744	16.205	36.985	37.272

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/70-12/20/94	17	16.	15.471	21.	9.	13.515	3.676	9.8	12.	18.5	20.2
00032	CLOUD COVER (PERCENT)	06/20/73-12/20/94	15	70.	59.	100.	0.	1522.143	39.015	0.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-12/20/94	10	3.	2.8	5.	0.	3.289	1.814	0.1	1.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/20/73-12/20/94	13	0.	0.01	0.1	0.	0.001	0.028	0.	0.	0.003	0.07
00065	STAGE, STREAM (FEET)	04/20/71-01/08/92	8	23.535	19.299	36.58	3.13	199.438	14.122	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/85-12/20/94	11	2.	3.509	15.	1.	17.201	4.147	1.02	1.5	2.5	13.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/04/85-12/20/94	14	34.5	35.5	46.	28.	30.423	5.516	29.5	32.	37.25	45.5
00300	OXYGEN, DISSOLVED MG/L	06/20/73-12/20/94	15	9.	9.147	11.	7.8	0.588	0.767	8.16	8.7	9.6	10.52
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/85-07/14/93	11	0.7	0.827	2.2	0.4	0.298	0.546	0.4	0.4	1.2	2.
00400	PH (STANDARD UNITS)	05/05/70-12/20/94	17	7.1	7.035	7.8	6.6	0.076	0.276	6.6	6.85	7.1	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/05/70-12/20/94	17	7.1	6.963	7.8	6.6	0.082	0.286	6.6	6.85	7.1	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/70-12/20/94	17	0.079	0.109	0.251	0.016	0.004	0.064	0.043	0.079	0.142	0.251
00403	PH, LAB, STANDARD UNITS SU	06/04/85-07/14/93	9	7.1	7.056	7.4	6.8	0.033	0.181	6.8	6.9	7.15	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/04/85-07/14/93	9	7.1	7.024	7.4	6.8	0.034	0.184	6.8	6.9	7.15	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/85-07/14/93	9	0.079	0.095	0.158	0.04	0.001	0.037	0.04	0.071	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/05/70-06/06/90	10	10.	9.6	11.	6.	2.267	1.506	6.3	9.	11.	11.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/04/85-10/07/93	11	11.	13.182	28.	10.	30.364	5.51	10.	10.	16.	25.8
00500	RESIDUE, TOTAL (MG/L)	06/04/85-07/14/93	11	46.	52.273	110.	25.	536.618	23.165	27.4	38.	57.	103.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/04/85-12/20/94	14	4.5	8.286	55.	1.	201.451	14.193	1.	1.	6.75	36.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/85-12/20/94	11	0.03	0.036	0.1	0.005	0.001	0.028	0.006	0.02	0.05	0.094
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/04/85-12/20/94	10	0.2	0.215	0.6	0.05	0.023	0.153	0.055	0.1	0.225	0.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/04/85-12/20/94	11	0.25	0.302	0.56	0.18	0.015	0.123	0.18	0.19	0.4	0.538
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/04/85-12/20/94	11	0.02	0.024	0.05	0.005	0.	0.015	0.006	0.01	0.04	0.048
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/08/85-12/20/94	11	12.	12.455	15.	10.	2.873	1.695	10.	11.	14.	14.8
01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/85-12/20/94	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/08/85-12/20/94	11 ##	1.	1.727	5.	1.	2.618	1.618	1.	1.	1.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/08/85-12/20/94	11 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	08/08/85-12/20/94	11 ##	5.	5.091	15.	1.	23.291	4.826	1.	1.	6.
01051	LEAD, TOTAL (UG/L AS PB)	08/08/85-12/20/94	11 ##	5.	11.273	34.	5.	120.818	10.992	5.	5.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	08/08/85-12/20/94	11 ##	5.	10.455	25.	5.	87.273	9.342	5.	5.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	08/08/85-12/20/94	11 ##	5.	6.545	22.	5.	26.273	5.126	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-12/20/94	5	200.	167.8	260.	69.	6419.2	80.12	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	13	20.	26.769	95.	10.	561.526	23.697	10.	10.	30.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	13	1.301	1.313	1.978	1.	0.097	0.311	1.	1.	1.477
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	13	1.301	1.313	1.978	1.	0.097	0.311	1.	1.	1.477
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/14/70-12/20/94	13	1.301	1.313	1.978	1.	0.097	0.311	1.	1.	1.477
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/04/85-07/14/93	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/08/85-12/20/94	11 ##	0.1	0.136	0.5	0.1	0.015	0.121	0.1	0.1	0.1
81647	REFERENCE POINT READING (LINEAR FEET)	09/12/81-01/08/92	6	26.315	26.457	36.87	16.42	120.214	10.964	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Parameter Inventory for Station: BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929	SODIUM, TOTAL (MG/L AS NA)	05/25/77-05/25/77	1	9.	9.	9.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/13/74-12/08/80	18 ##	5.	5.278	10.	1.389	1.179	5.	5.	5.	5.5
01027	CADMIUM, TOTAL (UG/L AS CD)	05/13/74-03/30/81	19 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/13/74-03/30/81	19 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	05/13/74-03/30/81	19 ##	50.	50.	50.	0.	0.	50.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	05/13/74-03/30/81	19 ##	20.	24.211	80.	203.509	14.266	20.	20.	20.	40.
01045	IRON, TOTAL (UG/L AS FE)	05/13/74-03/30/81	19	200.	173.684	400.	8980.117	94.763	50.	100.	200.	300.
01051	LEAD, TOTAL (UG/L AS PB)	05/13/74-03/30/81	18 ##	50.	61.111	200.	1339.869	36.604	50.	50.	50.	110.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/13/74-03/30/81	18 ##	25.	35.278	130.	751.389	27.411	25.	25.	25.	85.
01067	NICKEL, TOTAL (UG/L AS NI)	05/25/77-11/28/77	3 ##	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/13/74-03/30/81	19 ##	25.	48.684	280.	3494.006	59.11	25.	25.	50.	80.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	77	40.	139.156	1500.	66410.133	257.702	5.	5.	155.	328.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	77	1.602	1.615	3.176	0.699	0.523	0.723	0.699	0.699	2.19
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				41.183							
70305	SALINITY BASED ON CONDUCTIVITY	05/13/74-02/27/78	6	0.	3.5	21.	0.	73.5	8.573	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/77-03/30/81	29 ##	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	05/13/74-03/30/81	18 ##	0.25	0.264	0.5	0.003	0.059	0.25	0.25	0.25	0.275
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	02/03/77-02/03/77	1	9.	9.	9.	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	11/16/78-03/30/81	23	15.1	15.055	15.89	0.282	0.531	14.27	14.67	15.54	15.87

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0158

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	52	0	0.00	16	0	0.00	21	0	0.00	15	0	0.00			
00300	OXYGEN, DISSOLVED	4.	80	0	0.00	21	0	0.00	36	0	0.00	23	0	0.00			
00400	PH	9.	69	0	0.00	20	0	0.00	29	0	0.00	20	0	0.00			
00403	PH, LAB	6.5	69	5	0.07	20	1	0.05	29	2	0.07	20	2	0.10			
	Other-Hi Lim.	9.	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	45	0	0.00	12	0	0.00	20	0	0.00	13	0	0.00			
01002	ARSENIC, TOTAL	360.	18	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00			
	Drinking Water	50.	18	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	19	0	0.00	6	0	0.00	8	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	18.	2 &	2	1.00	1	1	1.00	1	1	1.00						
	Drinking Water	1300.	19	0	0.00	6	0	0.00	8	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	82.	18	2	0.11	6	2	0.33	8	0	0.00	4	0	0.00			
	Drinking Water	15.	2 &	2	1.00	2	2	1.00									
01067	NICKEL, TOTAL	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	120.	19	1	0.05	6	0	0.00	8	1	0.13	5	0	0.00			
	Drinking Water	5000.	19	0	0.00	6	0	0.00	8	0	0.00	5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	77	17	0.22	20	7	0.35	34	4	0.12	23	6	0.26			
71900	MERCURY, TOTAL	2.4	18	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00			
	Drinking Water	2.	18	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =		70.							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10	12.5	13.1	20.	2.	38.989	6.244	2.6	8.	19.25	20.
00032	CLOUD COVER (PERCENT)	10	72.5	63.	100.	0.	1367.778	36.983	1.5	30.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10	0.05	0.31	1.5	0.	0.27	0.52	0.	0.	0.475	1.45
00300	OXYGEN, DISSOLVED MG/L	10	9.5	9.59	10.6	8.6	0.477	0.69	8.61	9.	10.225	10.57
00310	BOD, 5 DAY, 20 DEG C MG/L	6	0.8	0.85	1.5	0.3	0.175	0.418	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	6##	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10	6.95	6.98	8.	6.5	0.222	0.471	6.5	6.575	7.225	7.93
00400	CONVERTED PH (STANDARD UNITS)	10	6.947	6.81	8.	6.5	0.254	0.504	6.5	6.575	7.225	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.113	0.155	0.316	0.01	0.014	0.117	0.014	0.06	0.267	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10	10.5	10.5	16.	7.	6.722	2.593	7.1	8.	12.	15.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	130.	125.	240.	5.	11420.	106.864	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	2.102	1.727	2.38	0.699	0.654	0.809	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =		53.343							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	14.	12.222	21.	0.	47.194	6.87	0.	6.	17.5	21.
00032	CLOUD COVER (PERCENT)	8	15.	36.875	100.	0.	1749.554	41.828	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	9	0.	0.311	1.5	0.	0.304	0.551	0.	0.	0.6	1.5
00300	OXYGEN, DISSOLVED MG/L	9	9.2	10.111	13.6	8.4	3.309	1.819	8.4	8.7	11.6	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10	0.55	0.58	1.	0.1	0.088	0.297	0.11	0.35	0.825	0.99
00340	COD, .25N K2CR2O7 MG/L	10##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
00400	PH (STANDARD UNITS)	8	6.8	6.813	7.6	6.1	0.176	0.419	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	8	6.8	6.645	7.6	6.1	0.208	0.456	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	0.158	0.227	0.794	0.025	0.057	0.239	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	8	15.5	14.5	21.	9.	19.429	4.408	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2	0.345	0.345	0.38	0.31	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	60.	117.	400.	5.	17084.444	130.707	5.	8.75	222.5	383.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	1.753	1.696	2.602	0.699	0.491	0.701	0.699	0.925	2.347	2.578
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		49.631									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	13	13.	11.538	20.	2.	48.269	6.948	2.	4.	18.	19.6
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	13	50.	43.077	100.	0.	1210.577	34.793	0.	10.	67.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	13	0.	0.1	1.	0.	0.08	0.283	0.	0.	0.	0.72
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	13	9.3	9.985	12.8	8.4	2.291	1.514	8.48	8.75	11.2	12.68
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	13	0.6	0.885	4.5	0.2	1.255	1.12	0.2	0.4	0.8	3.18
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	13 ##	5.	5.462	11.	5.	2.769	1.664	5.	5.	5.	8.6
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	13	7.1	6.992	7.2	6.6	0.044	0.21	6.64	6.8	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	13	7.1	6.942	7.2	6.6	0.047	0.216	6.64	6.8	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	13	0.079	0.114	0.251	0.063	0.004	0.061	0.063	0.063	0.158	0.231
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	13	11.	11.231	18.	6.	8.692	2.948	7.2	9.	13.	16.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	13	30.	185.	1500.	5.	167104.167	408.784	5.	12.5	185.	1024.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	13	1.477	1.622	3.176	0.699	0.567	0.753	0.699	1.	2.161	2.902
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		41.909									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	11	13.	13.818	22.	4.	43.764	6.615	4.2	7.	20.	21.8
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	11	100.	79.091	100.	0.	1189.091	34.483	5.	75.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	10 ##	0.5	0.45	1.	0.	0.136	0.369	0.	0.	0.625	1.
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	11	9.8	9.718	12.3	8.2	1.87	1.367	8.2	8.4	10.4	12.14
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	11	0.7	0.691	1.3	0.3	0.069	0.263	0.32	0.6	0.8	1.22
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	11 ##	5.	6.091	12.	5.	6.091	2.468	5.	5.	5.	11.6
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	10	7.	6.96	7.2	6.5	0.043	0.207	6.53	6.875	7.125	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	10	7.	6.909	7.2	6.5	0.046	0.213	6.53	6.875	7.125	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	10	0.1	0.123	0.316	0.063	0.005	0.074	0.063	0.075	0.134	0.3
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	10	10.5	9.63	14.	0.3	15.191	3.898	0.97	7.75	12.25	13.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	9 ##	0.025	0.032	0.06	0.025	0.	0.013	0.025	0.025	0.038	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	9	0.1	0.128	0.2	0.05	0.005	0.071	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	9	0.43	0.413	0.7	0.07	0.035	0.187	0.07	0.275	0.55	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	9 ##	0.025	0.065	0.32	0.025	0.01	0.098	0.025	0.025	0.058	0.32
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	45.	242.	1200.	5.	141990.	376.816	5.	8.75	425.	1124.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	1.651	1.786	3.079	0.699	0.726	0.852	0.699	0.925	2.628	3.036
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		61.156									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	12	11.5	12.083	23.	1.	58.629	7.657	1.6	4.5	19.5	23.
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	12	50.	50.833	100.	0.	1771.97	42.095	0.	2.5	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	12	0.	0.208	0.5	0.	0.066	0.257	0.	0.	0.5	0.5
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	11	9.8	10.227	13.1	7.8	4.06	2.015	7.86	8.1	12.8	13.08
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	12	0.8	0.9	3.6	0.1	0.891	0.944	0.13	0.325	0.9	3.
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	12	7.1	7.033	7.3	6.7	0.032	0.178	6.73	6.9	7.175	7.27
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	12	7.1	6.999	7.3	6.7	0.033	0.181	6.73	6.9	7.175	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	12	0.079	0.1	0.2	0.05	0.002	0.044	0.054	0.067	0.126	0.187
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	12	10.5	10.667	14.	8.	4.424	2.103	8.	9.	12.75	13.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	10 ##	0.025	0.029	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	10	0.1	0.135	0.3	0.05	0.007	0.085	0.05	0.05	0.2	0.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	10	0.295	0.357	0.7	0.16	0.03	0.174	0.164	0.23	0.505	0.685
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	12	45.	76.667	250.	5.	7778.788	88.197	5.	5.	137.5	244.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	12	1.651	1.509	2.398	0.699	0.453	0.673	0.699	0.699	2.132	2.387
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			32.309								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	10	12.	11.43	19.	0.5	38.071	6.17	0.75	6.6	17.25	18.9
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	10	47.5	51.	100.	0.	1715.556	41.419	0.	7.5	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	10	0.	0.2	0.5	0.	0.067	0.258	0.	0.	0.5	0.5
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	10	9.15	10.49	20.	8.3	12.174	3.489	8.32	8.725	11.2	19.12
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	10	0.45	0.48	0.8	0.1	0.048	0.22	0.12	0.3	0.7	0.79
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	9	7.	7.011	7.2	6.8	0.024	0.154	6.8	6.9	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	9	7.	6.988	7.2	6.8	0.024	0.156	6.8	6.9	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	9	0.1	0.103	0.158	0.063	0.001	0.034	0.063	0.063	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	10	9.5	9.8	12.	8.	2.178	1.476	8.	8.75	11.25	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	11 ##	0.025	0.027	0.05	0.025	0.	0.008	0.025	0.025	0.025	0.045
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	11 ##	0.05	0.105	0.3	0.05	0.008	0.088	0.05	0.05	0.2	0.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	11	0.36	0.391	0.72	0.17	0.026	0.161	0.188	0.27	0.44	0.702
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	35.	112.	430.	5.	21967.778	148.215	5.	8.75	190.	418.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	10	1.54	1.589	2.633	0.699	0.535	0.732	0.699	0.925	2.255	2.619
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			38.833								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	12	9.	11.5	25.	3.	42.273	6.502	3.9	6.25	17.25	22.9
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	12	95.	63.75	100.	0.	1941.477	44.062	0.	20.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	12	0.005	0.335	2.	0.	0.378	0.614	0.	0.	0.5	1.7
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	12	9.85	9.692	11.6	7.8	1.557	1.248	7.95	8.475	10.8	11.54
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	12	0.7	0.758	1.6	0.3	0.143	0.378	0.33	0.425	0.875	1.51
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	5	6.95	7.03	7.3	6.85	0.031	0.175	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	5	6.95	7.004	7.3	6.85	0.032	0.178	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	5	0.112	0.099	0.141	0.05	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	12	9.5	10.417	15.	7.	4.811	2.193	7.6	9.	12.	14.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	10 ##	0.025	0.029	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	10	0.1	0.145	0.3	0.05	0.01	0.098	0.05	0.05	0.225	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	10	0.43	0.454	0.63	0.36	0.008	0.088	0.361	0.37	0.528	0.622
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	12	35.	145.833	1100.	5.	93962.879	306.534	5.	5.	137.5	824.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	12	1.54	1.568	3.041	0.699	0.584	0.764	0.699	0.699	2.138	2.806
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			36.955								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	3	6.	5.	8.	1.	13.	3.606	**	**	**	**
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	3	0.	16.667	50.	0.	833.333	28.868	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	3	11.3	11.867	13.2	11.1	1.343	1.159	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	3	0.5	0.667	1.1	0.4	0.143	0.379	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	3 ##	5.	7.	11.	5.	12.	3.464	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	3	8.	8.333	11.	6.	6.333	2.517	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	3 ##	5.	36.667	100.	5.	3008.333	54.848	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/27/73-03/30/81	3 ##	0.699	1.133	2.	0.699	0.564	0.751	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			13.572								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	21	19.	18.086	25.	7.8	16.594	4.074	10.8	16.5	20.5	22.8
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	21	60.	61.905	100.	0.	1183.69	34.405	16.	32.5	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	20	0.	0.216	1.	0.	0.114	0.337	0.	0.	0.5	0.95
00065	STAGE, STREAM (FEET)	11/27/73-03/30/81	11	1.38	7.135	15.57	0.24	53.839	7.337	0.244	0.87	15.29	15.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	16	3.5	5.581	21.	1.5	36.422	6.035	1.71	2.2	4.95	20.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	13	40.	52.077	147.	9.	1361.077	36.893	13.8	36.5	55.	132.2
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	21	8.7	9.21	20.	7.8	6.353	2.52	8.1	8.35	9.05	9.86
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	21	0.8	0.79	1.6	0.4	0.085	0.291	0.42	0.6	0.9	1.26
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	21###	5.	6.786	12.5	5.	10.714	3.273	5.	5.	8.75	12.5
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	20	7.05	6.995	7.3	6.1	0.078	0.279	6.62	6.863	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	20	7.047	6.871	7.3	6.1	0.094	0.306	6.62	6.862	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	20	0.09	0.135	0.794	0.05	0.026	0.163	0.063	0.063	0.137	0.242
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	21	12.	11.729	17.	0.3	11.167	3.342	8.2	11.	13.	15.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/27/73-08/22/80	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	12###	0.025	0.032	0.06	0.025	0.	0.013	0.025	0.025	0.044	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	12	0.1	0.163	0.3	0.05	0.009	0.093	0.065	0.1	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	12	0.31	0.322	0.44	0.24	0.004	0.065	0.243	0.27	0.36	0.434
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	12###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	20	140.	222.75	1500.	5.	108524.934	329.431	30.	42.5	245.	429.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	20	2.146	2.038	3.176	0.699	0.313	0.56	1.477	1.626	2.389	2.632
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			109.124								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	37	6.	6.446	13.	0.	16.025	4.003	1.	3.	10.	12.2
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	37	35.	45.676	100.	0.	1937.725	44.02	0.	0.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	37	0.	0.286	1.5	0.	0.155	0.393	0.	0.	0.5	1.
00065	STAGE, STREAM (FEET)	11/27/73-03/30/81	24	0.74	3.883	14.69	0.04	32.257	5.68	0.24	0.42	9.955	13.585
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	21	4.2	6.667	23.	1.	45.372	6.736	1.68	2.3	8.25	21.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	22	31.5	34.	80.	19.	160.381	12.664	20.3	27.75	40.	41.7
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	36	10.95	11.064	13.6	9.1	1.554	1.247	9.5	10.1	12.125	13.03
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	34	0.45	0.6	3.6	0.1	0.372	0.61	0.2	0.3	0.7	1.
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	33###	5.	6.242	12.5	5.	7.346	2.71	5.	5.	5.	12.5
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	29	6.9	6.895	7.3	6.4	0.054	0.233	6.6	6.7	7.1	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	29	6.9	6.832	7.3	6.4	0.058	0.242	6.6	6.7	7.1	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	29	0.126	0.147	0.398	0.05	0.007	0.086	0.063	0.079	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	36	10.	10.083	21.	6.	8.307	2.882	7.7	8.25	11.	12.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/27/73-08/22/80	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	20###	0.025	0.028	0.06	0.025	0.	0.009	0.025	0.025	0.025	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	20###	0.075	0.12	0.3	0.05	0.007	0.082	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	20	0.505	0.471	0.72	0.07	0.037	0.193	0.161	0.38	0.63	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	20###	0.025	0.044	0.32	0.025	0.004	0.067	0.025	0.025	0.025	0.086
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	34	10.	86.471	1200.	5.	47962.923	219.004	5.	5.	47.5	270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	34	1.	1.278	3.079	0.699	0.48	0.693	0.699	0.699	1.663	2.429
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.962								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-03/30/81	23	15.	15.217	23.	8.	16.542	4.067	8.4	13.	19.	20.
00032	CLOUD COVER (PERCENT)	11/27/73-03/30/81	22	67.5	61.364	100.	0.	1314.719	36.259	3.	25.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/27/73-03/30/81	23	0.	0.317	2.	0.	0.308	0.555	0.	0.	0.5	1.3
00065	STAGE, STREAM (FEET)	11/27/73-03/30/81	14	1.28	4.596	14.67	0.11	33.105	5.754	0.255	0.643	12.38	14.03
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	15	3.	3.82	10.	1.4	6.039	2.457	1.7	2.	5.2	8.32
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	14	39.	37.143	49.	28.	35.209	5.934	29.	30.	40.25	45.5
00300	OXYGEN, DISSOLVED MG/L	11/27/73-03/30/81	23	9.1	9.178	11.	7.8	0.606	0.779	8.24	8.6	9.8	10.32
00310	BOD, 5 DAY, 20 DEG C MG/L	11/27/73-03/30/81	23	0.7	0.878	4.5	0.1	0.731	0.855	0.3	0.5	0.9	1.42
00340	COD, .25N K2CR2O7 MG/L	04/08/74-03/30/81	23 ##	5.	7.848	12.5	5.	13.283	3.645	5.	5.	12.5	12.5
00400	PH (STANDARD UNITS)	11/27/73-03/30/81	20	6.95	7.03	8.	6.5	0.121	0.348	6.53	6.8	7.2	7.57
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-03/30/81	20	6.947	6.923	8.	6.5	0.133	0.365	6.53	6.8	7.2	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-03/30/81	20	0.113	0.119	0.316	0.01	0.007	0.081	0.028	0.063	0.158	0.3
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/27/73-03/30/81	22	10.5	10.909	18.	7.	8.468	2.91	7.3	9.	12.	16.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/27/73-08/22/80	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/74-03/30/81	13 ##	0.025	0.028	0.06	0.025	0.	0.01	0.025	0.025	0.025	0.046
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/13/74-03/30/81	13	0.1	0.108	0.2	0.05	0.005	0.067	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/74-03/30/81	13	0.38	0.391	0.56	0.26	0.008	0.092	0.264	0.325	0.44	0.556
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/13/74-03/30/81	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	23	70.	144.348	1100.	5.	53075.692	230.382	5.	10.	220.	310.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/73-03/30/81	23	1.845	1.745	3.041	0.699	0.46	0.678	0.699	1.	2.342	2.491
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.544								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0159

NPS Station ID: BLRI0159
 Location: 0.3 MILES WEST OF APPALACHIAN CAMP
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103
 Major Basin: HOLSTON RIVER BASIN
 Minor Basin: UNNAMED POND TO BOONE FORK
 RF1 Index: 06010103030
 RF3 Index: 06010103038900.00
 Description:
 ELEVATION MSL FEET, 3500
 MAP (QUAD NO.) 215SE

LAT/LON: 36.120560/ -81.771115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 15.530
 RF3 Mile Point: 0.75
 SURFACE AREA ACRES, >5

Agency: 131TVAC
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 370073
 Within Park Boundary: No

Date Created: 03/26/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.80
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	10.55	11.088	15.9	7.4	14.964	3.868	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	2	25.	25.	42.	8.	578.	24.042	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	2	35.5	35.5	55.	16.	760.5	27.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	8	24.5	24.625	28.	21.	9.696	3.114	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	8	8.7	8.713	9.2	8.1	0.173	0.416	**	**	**	**
00400	PH (STANDARD UNITS)	8	5.25	5.29	5.49	5.21	0.01	0.098	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	8	5.25	5.281	5.49	5.21	0.01	0.099	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	5.629	5.236	6.166	3.236	1.119	1.058	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	2	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	2	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	2	4.5	4.5	7.	2.	12.5	3.536	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	2	1.8	1.8	2.	1.6	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	0.29	0.29	0.3	0.28	0.	0.014	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2	1.7	1.7	2.	1.4	0.18	0.424	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	2	65.	65.	70.	60.	50.	7.071	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	2	3.	3.	3.	3.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	2	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	2	3250.	3250.	3700.	2800.	405000.	636.396	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0159

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00				4	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	8	0	0.00				4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	8	8	1.00				4	4	1.00	4	4	1.00			
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	2	1.00				1	1	1.00	1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			
82295 CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250000.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0160

NPS Station ID: BLRI0160
 Location: BOONE FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010103
 Major Basin:
 Minor Basin:
 RF1 Index: 06010103
 RF3 Index: 06010103003013.21

LAT/LON: 36.117503/ -81.797226

Depth of Water: 0
 Elevation: 1359
 RF1 Mile Point: 0.000
 RF3 Mile Point: 13.40

Agency: 12NSS
 FIPS State/County: 37189 NORTH CAROLINA/WATAUGA
 STORET Station ID(s): 2A068055U /2X02A068055U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/86-05/07/86	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/07/86-05/07/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/07/86-05/07/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/07/86-05/07/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/86-05/07/86	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/07/86-05/07/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/07/86-05/07/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/86-05/07/86	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	05/07/86-05/07/86	1	60.8	60.8	60.8	60.8	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/07/86-05/07/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/07/86-05/07/86	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/07/86-05/07/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/07/86-05/07/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/07/86-05/07/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/07/86-05/07/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/07/86-05/07/86	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/07/86-05/07/86	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/07/86-05/07/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/07/86-05/07/86	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/07/86-05/07/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/07/86-05/07/86	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/86-05/07/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/07/86-05/07/86	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/07/86-05/07/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/07/86-05/07/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/07/86-05/07/86	1	4460.	4460.	4460.	4460.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/07/86-05/07/86	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	05/07/86-05/07/86	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0160

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00						1	0	0.00				
		Other-Hi Lim.	9.	1	0	0.00						1	0	0.00				
		Other-Lo Lim.	6.5	1	0	0.00						1	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	200.	1	1	1.00						1	1	1.00				
		Drinking Water	860.	1	0	0.00						1	0	0.00				
		Drinking Water	250.	1	0	0.00						1	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	1	0	0.00						1	0	0.00				
		Other-Hi Lim.	50.	1	0	0.00						1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0161

NPS Station ID: BLRI0161 LAT/LON: 36.096948/ -81.807781
 Location: WILSON CREEK AT US HWY 221 NEAR GRAGG NC
 Station Type: /TYPA/AMBNT/FISH/STREAM/SOLIDS/BACK
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA
 RF1 Index: 03050101039 RF1 Mile Point: 20.730
 RF3 Index: 06010108002622.05 RF3 Mile Point: 22.04
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C1370000 /CTB0311A /02140304
 Within Park Boundary: No

Date Created: 08/11/79

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.08

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	90	6.	7.367	50.	4.	32.122	5.668	5.	6.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	176	10.	9.69	19.	1.	22.482	4.742	3.	5.	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	153	18.	15.859	30.	-2.	64.002	8.	5.	8.	22.
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	174	50.	54.454	100.	0.	1669.209	40.856	0.	10.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	68	5.	3.934	15.	0.	12.014	3.466	0.	0.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	167	0.	0.141	2.	0.	0.12	0.347	0.	0.	0.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	120	1.	3.143	50.	0.1	40.066	6.33	0.2	0.5	3.
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	90	0.65	0.597	3.	0.1	0.273	0.522	0.1	0.2	0.8
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	131	2.88	2.862	4.41	1.46	0.224	0.473	2.432	2.65	3.11
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	163 ##	0.5	0.865	10.	0.05	1.034	1.017	0.5	0.5	1.
00080	COLOR (PLATINUM-COBALT UNITS)	01/22/80-09/23/80	5	5.	11.6	45.	0.5	352.175	18.766	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	141	24.	26.986	380.	10.	1010.614	31.79	17.	20.	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/79-02/23/90	29	22.	22.931	44.	5.	66.852	8.176	14.	19.5	26.5
00300	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	179	9.5	9.927	17.6	7.7	2.496	1.58	8.3	8.8	10.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/82-09/12/85	33	85.	84.394	99.	79.	12.746	3.57	80.	82.	86.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	98	0.3	0.402	2.7	0.05	0.131	0.362	0.19	0.2	0.5
00335	COD, .025N K2CR2O7 MG/L	05/14/81-12/28/84	44 ##	5.	4.193	14.	2.5	5.061	2.25	2.5	5.	5.
00340	COD, .25N K2CR2O7 MG/L	03/19/79-04/30/81	25 ##	5.	6.44	35.	5.	36.84	6.07	5.	5.	7.4
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	161	6.3	6.242	7.7	3.44	0.278	0.527	5.62	6.1	6.5
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	161	6.3	5.416	7.7	3.44	0.965	0.982	5.62	6.1	6.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	161	0.501	3.839	363.078	0.02	835.775	28.91	0.2	0.316	0.794
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	108	6.2	6.107	7.2	4.4	0.236	0.486	5.5	6.	6.4
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	108	6.2	5.617	7.2	4.4	0.479	0.692	5.5	6.	6.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	108	0.631	2.416	39.811	0.063	47.554	6.896	0.316	0.398	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	112	3.	2.893	8.	0.5	1.551	1.246	2.	2.	3.75
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/19/79-10/30/86	18	0.	0.389	4.	0.	1.31	1.145	0.	0.	0.
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	08/22/80-12/08/80	2	0.	0.	0.	0.	0.	0.	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	136	3.	3.653	34.	0.25	11.318	3.364	1.	2.	4.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/20/80-02/23/90	22	5.	6.091	24.	3.	20.468	4.524	3.	3.	8.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	04/10/80-02/23/90	4 ##	1.75	2.5	6.	0.5	6.833	2.614	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	138	33.	34.543	82.	12.	129.213	11.367	21.	27.75	40.25
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	53	17.	15.736	37.	0.5	66.458	8.152	5.	9.	20.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	53	17.	15.679	35.	5.	27.761	5.269	8.8	12.	19.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	174	1.	2.422	54.	0.5	22.524	4.746	0.5	0.5	3.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-01/08/85	54	1.	2.185	9.	0.5	4.116	2.029	0.5	0.5	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	53 ##	0.5	1.208	14.	0.5	4.225	2.056	0.5	0.5	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	164	0.025	0.031	0.96	0.005	0.006	0.075	0.008	0.01	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	164	0.1	0.134	0.6	0.05	0.008	0.09	0.05	0.05	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	164	0.37	0.384	1.2	0.02	0.037	0.193	0.175	0.26	0.46	0.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	164	0.01	0.016	0.07	0.005	0.	0.01	0.005	0.01	0.025	0.025
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-12/08/80	13 ##	5.	5.	5.	5.	0.	5.	5.	5.	5.	
00745	SULFIDE, TOTAL (MG/L AS S)	02/25/80-07/14/82	7 ##	0.1	0.943	6.	0.1	4.973	2.23	**	**	**	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	108	7.	6.981	14.	0.5	5.229	2.287	4.9	6.	8.	10.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/29/88-11/29/88	1	0.3	0.3	0.3	0.	0.	**	**	**	**	
00940	CHLORIDE, TOTAL IN WATER MG/L	01/22/80-06/28/90	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	121 ##	2.5	4.012	28.	2.5	8.806	2.968	2.5	2.5	5.	6.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/22/80-06/26/80	5 ##	0.05	0.08	0.2	0.05	0.005	0.067	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	93 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/81-11/30/84	3 ##	0.995	1.215	1.7	0.95	0.177	0.421	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	02/25/82-07/27/82	2 ##	0.198	0.198	0.2	0.195	0.	0.004	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	99 ##	5.	9.535	25.	1.	108.904	10.436	1.	1.	25.	25.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	06/23/81-11/30/84	4 ##	0.25	0.225	0.3	0.1	0.007	0.087	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	06/23/81-11/30/84	4	3.6	3.6	4.6	2.6	0.907	0.952	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	99 ##	12.5	17.702	25.	2.5	40.648	6.376	12.5	12.5	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	03/19/79-03/30/89	27 ##	50.	48.148	50.	25.	44.516	6.672	45.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	99 ##	5.	9.667	90.	1.	166.367	12.898	1.	1.	20.	20.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/81-11/30/84	4	3.6	3.7	4.4	3.2	0.28	0.529	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	66 ##	25.	62.	800.	6.	11129.846	105.498	25.	25.	50.	100.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	99 ##	25.	26.263	100.	5.	515.481	22.704	5.	5.	50.	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/81-11/30/84	4	9.95	10.375	12.	9.6	1.203	1.097	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/19/79-08/30/94	47 ##	25.	20.234	80.	5.	233.944	15.295	5.	5.	25.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-12/27/94	77 ##	5.	19.909	50.	5.	371.689	19.279	5.	5.	50.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	10/07/82-11/30/84	2	4.35	4.35	5.8	2.9	4.205	2.051	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	02/25/82-07/27/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/30/92-07/30/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	99 ##	5.	15.545	110.	3.	378.761	19.462	5.	5.	25.	25.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/03/81-11/30/84	3	37.	34.667	45.	22.	136.333	11.676	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	115	100.	122.53	800.	25.	14428.9	120.12	25.	50.	150.	300.
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	04/23/85-04/23/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31504	LOG COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR,	04/23/85-04/23/85	1 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31504	GM COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 3				5.								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	161 ##	5.	5.829	120.	0.5	157.666	12.557	0.5	0.5	5.	10.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	161 ##	0.699	0.349	2.079	-0.301	0.353	0.594	-0.301	-0.301	0.699	1.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				2.235								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	09/08/81-09/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/26/80-09/23/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/26/80-09/23/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	09/08/81-09/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	09/08/81-09/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/26/80-09/23/80	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/27/79-09/23/80	9 ##	2.5	2.228	2.5	0.05	0.667	0.817	0.05	2.5	2.5	2.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/25/80-09/23/80	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/23/81-06/23/81	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL)	06/23/81-06/23/81	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER, BOTTOM DEPOS (UG/KG DRY SL)	06/23/81-06/23/81	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR, TRANS ISO, BOTTOM DEP UG/KG	06/23/81-06/23/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/23/81-06/23/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	35.	35.	35.	35.	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	1 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/81-06/23/81	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/81-06/23/81	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/23/81-06/23/81	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/23/81-06/23/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	118 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.025	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	96 ##	0.1	0.233	6.	0.1	0.435	0.659	0.1	0.1	0.25	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/81-11/30/84	4 ##	0.033	0.119	0.4	0.01	0.035	0.188	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	02/25/82-07/27/82	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	2	1.95	1.95	2.1	1.8	0.045	0.212	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	2	29.	29.	36.	22.	98.	9.899	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	02/25/82-07/27/82	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	02/25/82-07/27/82	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	129	2.12	2.127	3.54	0.59	0.218	0.467	1.6	1.89	2.33	2.56
81656	MAGNESIUM IN FISH TISSUE WET WEIGHT MG/KG	02/25/82-07/27/82	2	340.	340.	450.	230.	24200.	155.563	**	**	**	**
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	02/25/82-02/25/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0161

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----						
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	163	0	0.00	46	0	0.00	76	0	0.00	41	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	179	0	0.00	49	0	0.00	83	0	0.00	47	0	0.00			
00400	PH	Other-Hi Lim.	9.	161	0	0.00	44	0	0.00	72	0	0.00	45	0	0.00			
		Other-Lo Lim.	6.5	161	122	0.76	44	32	0.73	72	60	0.83	45	30	0.67			
00403	PH, LAB	Other-Hi Lim.	9.	108	0	0.00	26	0	0.00	54	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	108	101	0.94	26	23	0.88	54	52	0.96	28	26	0.93			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	164	0	0.00	46	0	0.00	78	0	0.00	40	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	121	0	0.00	34	0	0.00	60	0	0.00	27	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00				3	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	93	0	0.00	26	0	0.00	45	0	0.00	22	0	0.00			
		Drinking Water	50.	93	0	0.00	26	0	0.00	45	0	0.00	22	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	49 &	0	0.00	13	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	5.	49 &	0	0.00	13	0	0.00	24	0	0.00	12	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	99	0	0.00	27	0	0.00	47	0	0.00	25	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	72 &	2	0.03	18	0	0.00	36	1	0.03	18	1	0.06			
		Drinking Water	1300.	99	0	0.00	27	0	0.00	47	0	0.00	25	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	99	1	0.01	27	0	0.00	47	1	0.02	25	0	0.00			
		Drinking Water	15.	50 &	1	0.02	13	0	0.00	25	1	0.04	12	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	77	0	0.00	20	0	0.00	36	0	0.00	21	0	0.00			
		Drinking Water	100.	77	0	0.00	20	0	0.00	36	0	0.00	21	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	99	0	0.00	27	0	0.00	47	0	0.00	25	0	0.00			
		Drinking Water	5000.	99	0	0.00	27	0	0.00	47	0	0.00	25	0	0.00			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	161	0	0.00	46	0	0.00	76	0	0.00	39	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	96	2	0.02	27	2	0.07	44	0	0.00	25	0	0.00			
		Drinking Water	2.	96	2	0.02	27	2	0.07	44	0	0.00	25	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1979 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	9	12.	11.222	17.	2.	19.944	4.466	2.	9.	14.5	17.
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	8	35.	46.875	100.	0.	2135.268	46.209	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	9	0.	0.111	0.5	0.	0.049	0.22	0.	0.	0.25	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	7	1.	1.171	2.	0.4	0.362	0.602	**	**	**	**
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	7	2.91	2.94	3.11	2.73	0.017	0.129	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	9	9.2	9.422	11.8	7.9	1.129	1.063	7.9	8.9	9.8	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	9	0.3	0.478	1.3	0.1	0.172	0.415	0.1	0.2	0.8	1.3
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	8	6.45	6.413	6.6	6.2	0.027	0.164	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	8	6.447	6.385	6.6	6.2	0.028	0.167	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	8	0.357	0.412	0.631	0.251	0.025	0.158	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	9	3.	3.	4.	2.	0.5	0.707	2.	2.5	3.5	4.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	4	27.5	27.25	32.	22.	20.917	4.573	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	4	2.5	2.125	3.	0.5	1.396	1.181	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	10##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	10##	0.05	0.09	0.3	0.05	0.006	0.077	0.05	0.05	0.1	0.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	10	0.3	0.336	0.52	0.2	0.011	0.106	0.203	0.245	0.435	0.513
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	10##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	9##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	9##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	9##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	9##	20.	33.333	90.	20.	725.	26.926	20.	20.	45.	90.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	9##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	9##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	9##	25.	57.222	110.	25.	1544.444	39.299	25.	25.	100.	110.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	9##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	9##	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	9##	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	8##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	9##	0.25	0.533	2.8	0.25	0.723	0.85	0.25	0.25	0.25	2.8
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	7	2.09	2.06	2.27	1.89	0.017	0.129	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	9.	9.667	17.	2.	22.242	4.716	2.9	5.5	14.25	16.7
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	27.5	47.083	100.	0.	2129.356	46.145	0.	0.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.	0.251	2.	0.	0.386	0.621	0.	0.	0.008	1.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	11	0.8	7.091	50.	0.1	223.967	14.966	0.18	0.5	8.	43.
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	11	2.88	3.108	4.41	2.5	0.309	0.556	2.558	2.79	3.51	4.276
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	6	1.	1.15	2.	0.4	0.559	0.748	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.15	9.367	11.4	7.8	1.337	1.156	7.8	8.75	10.	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	0.4	0.417	0.9	0.2	0.036	0.19	0.2	0.3	0.475	0.81
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	5	6.25	6.31	6.9	5.5	0.323	0.568	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	5	6.25	6.017	6.9	5.5	0.43	0.656	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	5	0.562	0.961	3.162	0.126	1.593	1.262	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	12	6.15	6.025	6.5	5.	0.208	0.456	5.09	5.85	6.375	6.47
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	12	6.147	5.736	6.5	5.	0.299	0.547	5.09	5.85	6.375	6.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	12	0.713	1.838	10.	0.316	8.255	2.873	0.341	0.424	1.439	8.504
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	2.	2.25	4.	1.	0.932	0.965	1.	1.25	3.	3.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	5	2.	3.	6.	1.	4.	2.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	33.	38.417	82.	13.	276.629	16.632	17.8	31.	44.5	72.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	4	18.5	17.75	24.	10.	34.917	5.909	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	4	16.5	20.25	35.	13.	103.583	10.178	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	3.	7.375	54.	0.5	222.278	14.909	0.5	0.875	4.75	40.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	4	1.5	1.375	2.	0.5	0.563	0.75	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.104	0.4	0.05	0.009	0.096	0.05	0.05	0.1	0.31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.575	0.617	1.2	0.31	0.074	0.271	0.313	0.413	0.803	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12 ##	0.025	0.029	0.07	0.025	0.	0.013	0.025	0.025	0.025	0.057
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	6	2.	2.167	6.	0.5	4.067	2.017	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	12 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	12 ##	50.	150.	800.	50.	48181.818	219.504	50.	50.	175.	650.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	5.	6.667	10.	5.	6.061	2.462	5.	5.	10.	10.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	0.699	0.799	1.	0.699	0.022	0.148	0.699	0.699	1.	1.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	6.3	6.3	6.3	6.3	0.	0.	6.3	6.3	6.3	6.3
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	11 ##	0.25	0.805	6.	0.25	2.98	1.726	0.25	0.25	0.25	4.92
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	11	2.12	1.892	2.5	0.59	0.309	0.556	0.724	1.49	2.21	2.442

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	11.5	10.75	16.	3.	20.023	4.475	3.3	6.25	14.75	15.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	7	20.	18.714	29.	5.	49.905	7.064	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	11	50.	57.273	100.	0.	1041.818	32.277	4.	50.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	10	0.	0.172	1.	0.	0.111	0.332	0.	0.	0.275	0.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	12	0.55	2.842	20.	0.1	33.977	5.829	0.1	0.225	1.75	16.4
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	12	2.85	2.978	3.86	2.45	0.204	0.452	2.477	2.643	3.38	3.794
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12	1.	1.708	10.	0.5	7.112	2.667	0.5	0.5	1.75	7.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	4	20.5	19.75	23.	15.	11.583	3.403	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.85	10.05	12.5	8.4	1.972	1.404	8.46	8.8	11.425	12.35
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	0.4	0.408	0.7	0.2	0.039	0.198	0.2	0.2	0.6	0.7
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.3	6.172	6.6	5.	0.246	0.496	5.	6.	6.475	6.6
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.3	5.792	6.6	5.	0.409	0.639	5.	6.	6.475	6.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	9	0.501	1.615	10.	0.251	10.047	3.17	0.251	0.336	1.108	10.
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	12	6.1	6.033	6.4	5.1	0.119	0.345	5.28	5.95	6.2	6.37
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	12	6.1	5.844	6.4	5.1	0.158	0.397	5.28	5.95	6.2	6.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	12	0.794	1.431	7.943	0.398	4.385	2.094	0.429	0.631	1.143	6.159
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	2.	2.25	4.	1.	0.75	0.866	1.	2.	3.	3.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	9	3.	2.889	4.	1.	0.861	0.928	1.	2.5	3.5	4.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	35.5	34.833	48.	19.	89.606	9.466	20.2	25.25	43.5	47.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	12	20.	19.667	34.	6.	57.333	7.572	6.9	15.5	24.75	31.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	12	16.5	15.167	23.	8.	24.697	4.97	8.6	10.	19.75	22.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	2.5	4.	18.	0.5	24.318	4.931	0.5	1.	5.75	14.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	12	1.	2.25	7.	0.5	4.886	2.211	0.5	1.	3.5	6.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	12 ##	0.5	2.083	14.	0.5	14.811	3.848	0.5	0.5	2.	10.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	11 ##	0.025	0.04	0.14	0.025	0.001	0.037	0.025	0.025	0.025	0.128
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	11	0.2	0.177	0.4	0.05	0.009	0.093	0.06	0.1	0.2	0.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	11	0.38	0.473	0.98	0.22	0.058	0.24	0.236	0.32	0.71	0.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	4 ##	75.	100.	200.	50.	5000.	70.711	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	5.	6.364	20.	5.	20.455	4.523	5.	5.	5.	17.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	0.699	0.754	1.301	0.699	0.033	0.182	0.699	0.699	0.699	1.181
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			5.672								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	11	2.11	1.974	2.46	1.14	0.194	0.441	1.184	1.5	2.32	2.442

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	8.	8.167	15.	1.	30.152	5.491	1.3	2.5	13.75	14.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	12	13.	10.542	19.	0.	54.157	7.359	0.	2.5	17.375	18.7
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	7.5	37.5	100.	0.	2097.727	45.801	0.	0.	96.25	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	12	0.4	0.708	3.	0.1	0.624	0.79	0.13	0.2	0.95	2.4
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	12	2.75	2.687	3.01	1.86	0.09	0.299	2.061	2.6	2.888	2.992
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	12	19.5	21.917	40.	11.	88.629	9.414	11.9	15.	27.	39.7
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	10.35	10.083	11.9	8.4	1.611	1.269	8.46	8.825	11.2	11.78
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	0.3	0.342	0.8	0.1	0.046	0.215	0.1	0.2	0.475	0.74
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.2	6.06	6.5	5.4	0.152	0.389	5.41	5.725	6.4	6.49
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.2	5.891	6.5	5.4	0.183	0.428	5.41	5.725	6.4	6.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	10	0.631	1.286	3.981	0.316	1.652	1.285	0.324	0.398	1.979	3.899
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	12	6.15	6.008	6.3	5.4	0.088	0.297	5.46	5.75	6.2	6.3
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	12	6.147	5.901	6.3	5.4	0.101	0.317	5.46	5.75	6.2	6.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	12	0.713	1.256	3.981	0.501	1.139	1.067	0.501	0.631	1.811	3.54
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	2.5	2.417	4.	1.	0.811	0.9	1.	2.	3.	3.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	10	1.5	1.625	3.	0.25	0.851	0.922	0.325	1.	2.25	3.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	28.	28.583	36.	23.	21.538	4.641	23.	24.25	32.5	36.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	12	11.5	13.	29.	5.	43.818	6.62	5.3	8.25	17.	25.7
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	12	15.5	15.583	22.	7.	20.447	4.522	8.2	11.75	19.	21.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	1.5	2.167	6.	0.5	3.333	1.826	0.5	0.5	3.75	5.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	12	1.5	2.	6.	0.5	3.	1.732	0.5	0.5	3.	5.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12 ##	0.025	0.02	0.025	0.005	0.	0.008	0.005	0.014	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.138	0.2	0.05	0.003	0.057	0.065	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.415	0.421	0.74	0.16	0.027	0.166	0.193	0.3	0.553	0.707
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12 ##	0.025	0.02	0.025	0.005	0.	0.008	0.005	0.014	0.025	0.025
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	5 ##	25.	22.	25.	10.	45.	6.708	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	5 ##	20.	18.	20.	10.	20.	4.472	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	5 ##	25.	22.	25.	10.	45.	6.708	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	5.	6.667	20.	5.	19.697	4.438	5.	5.	5.	17.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	0.699	0.774	1.301	0.699	0.035	0.187	0.699	0.699	0.699	1.211

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		5.946								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	10 ##	0.025	0.023	0.025	0.005	0.	0.006	0.007	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	11	2.25	2.238	2.47	1.99	0.024	0.155	2.002	2.11	2.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	1	6.	6.	6.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	8.5	8.417	17.	1.	31.72	5.632	1.3	3.	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	12	16.5	13.25	30.	-2.	116.932	10.814	0.3	5.25	21.5
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	100.	67.5	100.	0.	2056.818	45.352	0.	7.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.	0.161	1.2	0.	0.129	0.359	0.	0.	0.155
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	12	0.7	1.983	11.	0.1	9.947	3.154	0.1	0.2	2.
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	12	2.815	2.834	3.51	2.38	0.098	0.313	2.413	2.563	2.938
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12 ##	0.5	1.117	5.2	0.5	2.002	1.415	0.5	0.5	1.025
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	12	26.	27.083	42.	15.	51.72	7.192	16.8	23.	30.5
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.75	10.158	13.4	8.2	2.737	1.654	8.2	8.6	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	0.2	0.242	0.4	0.1	0.01	0.1	0.1	0.2	0.3
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	12	6.2	6.092	6.3	5.7	0.044	0.211	5.7	5.95	6.2
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	12	6.2	6.038	6.3	5.7	0.048	0.218	5.7	5.95	6.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	12	0.631	0.916	1.995	0.501	0.293	0.542	0.501	0.631	1.143
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	12	6.1	6.117	6.6	5.8	0.078	0.279	5.8	5.825	6.35
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	12	6.089	6.043	6.6	5.8	0.084	0.29	5.8	5.825	6.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	12	0.815	0.906	1.585	0.251	0.253	0.503	0.271	0.456	1.503
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	2.	2.583	4.	2.	0.629	0.793	2.	2.	3.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	12	2.	2.	3.	1.	0.364	0.603	1.	2.	3.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	27.5	27.25	41.	18.	54.386	7.375	18.3	21.	32.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	12	11.5	11.625	20.	0.5	48.506	6.965	1.55	5.5	19.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	12	15.	15.5	22.	10.	14.818	3.849	10.3	12.25	18.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	2.	3.042	15.	0.5	16.066	4.008	0.5	0.625	4.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	12	1.	1.958	9.	0.5	6.203	2.491	0.5	0.5	2.75
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	12 ##	0.5	1.458	6.	0.5	3.112	1.764	0.5	0.5	1.75
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12	0.01	0.009	0.01	0.005	0.	0.002	0.005	0.006	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.142	0.4	0.05	0.011	0.104	0.05	0.05	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.41	0.398	0.58	0.23	0.009	0.092	0.239	0.363	0.435
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12	0.01	0.014	0.04	0.01	0.	0.009	0.01	0.01	0.018
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	4	4.	4.	6.	2.	5.333	2.309	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	11	5.	4.273	6.	2.5	2.118	1.455	2.5	2.5	5.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	50.	62.5	100.	50.	625.	25.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	11	200.	227.273	800.	50.	53181.818	230.612	50.	50.	400.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	5.	12.583	70.	1.	350.083	18.711	2.2	5.	10.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	0.699	0.862	1.845	0.	0.193	0.439	0.21	0.699	1.
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		7.272								1.682
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	12 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	12	2.185	2.166	2.62	1.49	0.098	0.313	1.577	2.063	2.438

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	1	6.	6.	6.	0.	0.	**	**	**	**	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	9.5	9.333	15.	3.	14.424	3.798	3.6	5.5	12.75	14.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	12	18.	16.417	26.	5.	50.629	7.115	5.	8.75	21.5	24.8
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	35.	45.	100.	0.	1936.364	44.004	0.	2.5	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.	0.058	0.5	0.	0.021	0.144	0.	0.	0.075	0.38
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	12	1.	2.217	8.	0.2	7.707	2.776	0.23	0.5	2.	8.
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	12	2.885	2.888	3.43	2.43	0.094	0.306	2.463	2.635	3.018	3.418
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12###	0.5	0.825	2.	0.5	0.271	0.521	0.5	0.5	1.25	1.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	12	25.5	34.667	130.	24.	904.97	30.083	24.	24.25	28.	100.
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.75	9.958	12.	8.3	1.564	1.251	8.39	8.75	11.15	11.88
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	12	0.2	0.225	0.5	0.1	0.009	0.097	0.13	0.2	0.2	0.44
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	11	6.3	6.145	6.5	5.4	0.125	0.353	5.46	5.9	6.4	6.5
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	11	6.3	5.99	6.5	5.4	0.151	0.389	5.46	5.9	6.4	6.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	11	0.501	1.023	3.981	0.316	1.218	1.104	0.316	0.398	1.259	3.584
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	12	6.2	6.192	7.2	5.5	0.208	0.456	5.5	6.	6.475	6.99
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	12	6.2	5.996	7.2	5.5	0.25	0.5	5.5	6.	6.475	6.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	12	0.631	1.009	3.162	0.063	1.089	1.043	0.139	0.337	1.	3.162
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	2.	2.833	8.	1.	3.606	1.899	1.3	2.	3.	7.1
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	11	2.	1.864	4.	0.5	0.805	0.897	0.6	1.	2.	3.6
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	36.	32.833	45.	17.	80.697	8.983	18.5	25.	40.25	44.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	12	18.	17.042	37.	0.5	96.657	9.831	1.55	10.5	23.	33.7
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	12	17.5	15.833	21.	6.	24.697	4.97	6.6	12.25	19.	21.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	3.	3.	7.	0.5	4.318	2.078	0.5	1.25	4.5	6.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	12	3.	2.542	5.	0.5	2.748	1.658	0.5	0.625	3.75	5.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	12###	0.5	0.875	2.	0.5	0.46	0.678	0.5	0.5	1.625	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12	0.02	0.099	0.96	0.005	0.074	0.272	0.005	0.01	0.04	0.687
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12###	0.075	0.125	0.3	0.05	0.008	0.089	0.05	0.05	0.2	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.42	0.422	0.64	0.2	0.022	0.148	0.221	0.28	0.578	0.628
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12	0.01	0.013	0.03	0.01	0.	0.007	0.01	0.01	0.018	0.027
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	4	5.	5.	6.	4.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	12	5.	4.583	6.	2.5	2.538	1.593	2.5	2.5	6.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4###	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	5###	10.	8.2	10.	1.	16.2	4.025	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	5###	25.	20.5	25.	2.5	101.25	10.062	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	5###	10.	8.2	10.	1.	16.2	4.025	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	5###	50.	41.	50.	5.	405.	20.125	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	5###	10.	8.6	10.	3.	9.8	3.13	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	12###	75.	116.667	300.	50.	7424.242	86.164	50.	50.	200.	270.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	12###	5.	6.083	30.	0.5	68.902	8.301	0.5	0.5	8.75	24.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	12###	0.699	0.422	1.477	-0.301	0.396	0.629	-0.301	-0.301	0.925	1.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.645								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	12###	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4###	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	12	2.115	2.112	2.57	1.57	0.094	0.306	1.582	1.983	2.365	2.537

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	10.	8.792	14.5	2.	24.884	4.988	2.	3.	13.75	14.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	12	16.5	11.833	22.	0.	75.788	8.706	0.3	3.	19.75	21.4
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	75.	61.667	100.	0.	1833.333	42.817	0.	20.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.005	0.109	0.5	0.	0.035	0.188	0.	0.	0.1	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	12	1.	6.083	29.	0.5	83.492	9.137	0.5	1.	7.5	26.3
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	12	2.85	2.97	3.75	2.64	0.107	0.328	2.646	2.75	3.143	3.642

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12 ##	0.5	0.767	3.2	0.5	0.608	0.78	0.5	0.5	2.54
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	12	23.	22.333	26.	11.	16.788	4.097	13.7	21.25	26.
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.75	10.25	12.4	8.6	1.965	1.402	8.66	8.925	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	4	0.4	0.95	2.7	0.3	1.37	1.17	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	12	6.2	6.275	6.7	6.	0.046	0.214	6.03	6.1	6.67
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	12	6.2	6.233	6.7	6.	0.048	0.218	6.03	6.1	6.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	12	0.631	0.585	1.	0.2	0.059	0.243	0.215	0.398	0.938
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	10	6.2	6.16	6.3	5.8	0.023	0.151	5.83	6.1	6.3
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	10	6.2	6.133	6.3	5.8	0.023	0.153	5.83	6.1	6.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	10	0.631	0.736	1.585	0.501	0.103	0.321	0.501	0.501	0.794
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	12	3.	3.	4.	2.	0.545	0.739	2.	2.25	4.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	12	3.	2.833	5.	1.	1.242	1.115	1.3	2.	4.7
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	31.5	32.75	59.	18.	148.386	12.181	18.	20.25	54.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/23/80-01/08/85	1	27.	27.	27.	27.	0.	0.	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/23/80-01/08/85	1	5.	5.	5.	5.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	1.	1.625	5.	0.5	2.415	1.554	0.5	0.5	4.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/23/80-09/12/85	2 ##	3.75	3.75	7.	0.5	21.125	4.596	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/23/80-01/08/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12	0.02	0.023	0.06	0.005	0.	0.015	0.005	0.013	0.051
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.133	0.3	0.05	0.007	0.086	0.05	0.1	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.335	0.391	0.74	0.18	0.033	0.181	0.195	0.245	0.716
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12	0.01	0.013	0.02	0.005	0.	0.006	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	12	7.	6.667	7.	5.	0.424	0.651	5.3	6.25	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	12	5.	5.542	16.	2.5	15.521	3.94	2.5	2.5	13.9
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	12	100.	137.5	300.	50.	8238.636	90.767	50.	62.5	300.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	5.	4.136	11.	0.5	15.655	3.957	0.5	0.5	11.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	0.699	0.361	1.041	-0.301	0.296	0.544	-0.301	-0.301	1.041
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				2.298							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	12	2.15	2.03	2.36	1.25	0.107	0.328	1.358	1.858	2.354

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	12.	11.1	18.	3.	30.989	5.567	3.	6.	17.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	10	20.	17.7	25.	5.	56.456	7.514	5.2	11.5	25.
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	10	50.	59.	100.	0.	1587.778	39.847	0.	30.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	10	0.	0.073	0.3	0.	0.013	0.115	0.	0.2	0.29
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	6	0.75	2.5	7.	0.2	9.776	3.127	**	**	**
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	8	2.655	2.47	2.88	1.79	0.184	0.429	**	**	**
00076	TURBIDITY HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	7 ##	0.5	0.643	1.	0.5	0.06	0.244	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	9	24.	24.111	32.	17.	16.361	4.045	17.	22.	32.
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	10	9.25	9.5	12.	7.8	2.162	1.47	7.83	8.25	11.98
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	4	0.4	0.5	0.9	0.3	0.073	0.271	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.5	6.5	6.8	6.1	0.04	0.2	6.1	6.4	6.8
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.5	6.455	6.8	6.1	0.042	0.206	6.1	6.4	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	9	0.316	0.351	0.794	0.158	0.036	0.19	0.158	0.251	0.794
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	10	6.4	6.41	6.7	6.2	0.019	0.137	6.21	6.3	6.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	10	6.4	6.392	6.7	6.2	0.019	0.138	6.21	6.3	6.5	6.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	10	0.398	0.406	0.631	0.2	0.014	0.119	0.211	0.316	0.501	0.618
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	9	4.	4.111	6.	3.	1.111	1.054	3.	3.	5.	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	9	5.	4.667	7.	2.	3.5	1.871	2.	3.	6.5	7.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	10	37.5	39.9	70.	28.	158.989	12.609	28.	31.75	43.	68.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	10##	0.5	1.	3.	0.5	0.722	0.85	0.5	0.5	1.25	2.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	8	0.015	0.016	0.03	0.01	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	8	0.1	0.106	0.2	0.05	0.004	0.062	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	8	0.415	0.4	0.56	0.23	0.013	0.113	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	8	0.01	0.01	0.02	0.005	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	7	8.	8.	10.	6.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	8	6.5	5.938	7.	2.5	2.46	1.568	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	10	100.	105.5	250.	25.	4024.722	63.441	27.5	50.	135.	240.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	9##	5.	22.722	120.	0.5	1428.694	37.798	0.5	5.	27.	120.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	9##	0.699	0.937	2.079	-0.301	0.445	0.667	-0.301	0.699	1.429	2.079
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8.646								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	8##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	8	2.345	2.53	3.21	2.12	0.184	0.429	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	12	7.	8.	20.	4.	19.455	4.411	4.	5.	10.	17.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	12	9.5	9.417	17.	3.	27.356	5.23	3.3	4.	14.75	16.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	12	17.	16.25	29.	5.	78.023	8.833	5.	7.5	23.5	28.7
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	12	55.	62.083	100.	0.	1188.447	34.474	3.	50.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	12	1.5	2.167	5.	0.	5.606	2.368	0.	0.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	12	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	12	0.1	0.3	2.	0.1	0.291	0.539	0.1	0.1	0.2	1.49
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	4	1.67	1.708	1.9	1.59	0.02	0.14	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	12	25.	23.667	28.	12.	18.97	4.355	14.4	21.75	26.75	27.7
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	12	9.9	9.783	11.6	8.1	1.509	1.228	8.13	8.725	11.	11.54
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	4	0.3	0.3	0.4	0.2	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	11	6.5	6.491	6.7	6.2	0.027	0.164	6.22	6.4	6.6	6.7
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	11	6.5	6.462	6.7	6.2	0.028	0.167	6.22	6.4	6.6	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	11	0.316	0.345	0.631	0.2	0.018	0.136	0.2	0.251	0.398	0.605
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	9	6.4	6.4	6.9	6.	0.07	0.265	6.	6.2	6.55	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	9	6.4	6.334	6.9	6.	0.075	0.274	6.	6.2	6.55	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	9	0.398	0.463	1.	0.126	0.069	0.263	0.126	0.284	0.631	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	9	3.	3.667	6.	2.	1.75	1.323	2.	3.	5.	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	10	4.	4.	5.	3.	0.667	0.816	3.	3.	5.	5.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	12	28.	32.833	63.	12.	198.515	14.09	14.7	25.75	38.5	60.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	12	1.5	1.375	3.	0.5	0.778	0.882	0.5	0.5	2.	2.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	10	0.02	0.024	0.05	0.01	0.	0.013	0.01	0.018	0.033	0.049
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	10##	0.075	0.095	0.2	0.05	0.004	0.06	0.05	0.05	0.125	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	10	0.285	0.297	0.4	0.19	0.004	0.064	0.196	0.258	0.363	0.397

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	10	0.01	0.008	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	10	8.	8.3	11.	7.	1.789	1.337	7.	7.	9.25	10.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	11	6.	4.409	6.	2.5	3.341	1.828	2.5	2.5	6.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4	19.5	19.75	35.	5.	178.25	13.351	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	10	75.	90.	200.	50.	2666.667	51.64	50.	50.	112.5	195.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	0.5	10.182	62.	0.5	341.614	18.483	0.5	0.5	11.	54.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	11 ##	-0.301	0.366	1.792	-0.301	0.657	0.811	-0.301	-0.301	1.041	1.702
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2.321								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	4	3.33	3.293	3.41	3.1	0.02	0.14	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	10	5.5	5.8	8.	4.	1.733	1.317	4.1	5.	6.5	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	6.5	7.1	14.	2.	13.211	3.635	2.2	4.	10.25	13.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	10	19.	16.	26.	3.	75.778	8.705	3.2	6.5	23.5	25.9
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	10	40.	39.5	100.	0.	1046.944	32.357	0.	7.5	56.25	97.5
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	10	5.	6.6	15.	3.	12.489	3.534	3.2	5.	8.5	14.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	10	0.	0.01	0.1	0.	0.001	0.032	0.	0.	0.	0.09
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	3	0.8	1.5	3.	0.7	1.69	1.3	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	10	0.2	0.18	0.3	0.1	0.006	0.079	0.1	0.1	0.225	0.3
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	5	2.84	2.514	3.12	1.46	0.454	0.674	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	12 ##	0.5	0.913	3.8	0.05	1.078	1.038	0.185	0.5	0.875	3.29
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	8	31.5	29.25	41.	15.	106.786	10.334	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	10	10.4	10.47	12.2	9.5	0.827	0.909	9.5	9.575	11.15	12.14
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	8	0.4	0.35	0.6	0.1	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.5	6.47	6.7	6.1	0.047	0.216	6.1	6.325	6.625	6.7
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.5	6.416	6.7	6.1	0.05	0.224	6.1	6.325	6.625	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	10	0.316	0.384	0.794	0.2	0.05	0.225	0.2	0.238	0.497	0.794
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	9	6.5	6.411	6.7	6.	0.041	0.203	6.	6.3	6.5	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	9	6.5	6.364	6.7	6.	0.044	0.209	6.	6.3	6.5	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	9	0.316	0.432	1.	0.2	0.059	0.243	0.2	0.316	0.515	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	9	4.	3.556	5.	2.	0.778	0.882	2.	3.	4.	5.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	9	4.	3.778	5.	2.	1.194	1.093	2.	3.	5.	5.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	10	33.	32.7	44.	18.	75.567	8.693	18.3	27.	40.75	43.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	10	2.	2.25	5.	0.5	2.792	1.671	0.5	0.5	4.	4.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12	0.015	0.023	0.07	0.005	0.	0.02	0.005	0.01	0.038	0.061
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.113	0.2	0.05	0.003	0.057	0.05	0.063	0.175	0.2
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	03/19/79-12/27/94	12	0.335	0.304	0.47	0.03	0.017	0.129	0.075	0.198	0.403	0.461
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12	0.01	0.014	0.04	0.005	0.	0.011	0.005	0.006	0.018	0.037
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	9	7.	7.889	10.	6.	2.111	1.453	6.	7.	9.5	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	12	5.	4.333	6.	2.5	1.97	1.403	2.5	2.5	5.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	10	100.	82.5	150.	25.	1395.833	37.361	27.5	50.	100.	145.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	10##	0.5	1.4	5.	0.5	3.6	1.897	0.5	0.5	1.625	5.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	10##	-0.301	-0.101	0.699	-0.301	0.178	0.422	-0.301	-0.301	-0.051	0.699
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	10##	0.792	0.792	0.792	0.792	0.792	0.792	0.792	0.792	0.792	0.792
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	12##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	5	2.16	2.486	3.54	1.88	0.454	0.674	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	11	6.	11.455	50.	5.	197.273	14.045	5.	5.	6.	45.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	11	10.	9.182	16.	1.	31.164	5.582	1.	4.	14.	15.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	11	21.	17.273	26.	6.	65.218	8.076	6.	7.	24.	25.8
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	11	50.	62.727	100.	10.	946.818	30.77	13.	50.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	11	5.	4.318	10.	0.	7.614	2.759	0.	2.5	5.	9.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	11	0.1	0.35	2.	0.	0.394	0.627	0.	0.	0.5	1.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	5	1.	1.9	4.	0.5	2.3	1.517	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	11	0.3	0.682	2.5	0.2	0.81	0.9	0.2	0.3	0.3	2.5
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	8	2.925	2.831	3.83	1.93	0.399	0.632	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	11	1.	1.045	2.	0.5	0.373	0.611	0.5	0.5	1.5	2.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	9	18.	18.556	24.	10.	19.528	4.419	10.	16.	22.	24.
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	11	10.	10.509	15.9	8.5	4.853	2.203	8.56	8.9	12.1	15.14
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	4	0.45	0.438	0.8	0.05	0.096	0.309	**	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.5	6.248	6.7	4.43	0.504	0.71	4.43	6.15	6.6	6.7
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	9	6.5	5.35	6.7	4.43	1.41	1.187	4.43	6.15	6.6	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	9	0.316	4.463	37.154	0.2	150.325	12.261	0.2	0.251	0.713	37.154
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	3	4.6	5.133	6.2	4.6	0.853	0.924	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	3	4.6	4.771	6.2	4.6	1.051	1.025	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	3	25.119	16.956	25.119	0.631	199.886	14.138	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00431	ALKALINITY, TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	8	4.	4.25	8.	3.	2.786	1.669	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	11	34.	35.273	47.	22.	68.618	8.284	22.6	27.	42.	46.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	11	1.	1.364	3.	0.5	0.605	0.778	0.5	1.	2.	2.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	8	0.02	0.021	0.05	0.01	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	8	0.1	0.119	0.2	0.05	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	8	0.255	0.228	0.35	0.04	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	8	0.01	0.009	0.02	0.005	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	8	8.	7.375	9.	4.	3.696	1.923	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	9##	2.5	2.889	6.	2.5	1.361	1.167	2.5	2.5	2.5	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4##	2.	2.25	4.	1.	2.25	1.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	3##	25.	33.333	50.	25.	208.333	14.434	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	9	110.	150.	380.	25.	15393.75	124.072	25.	62.5	240.	380.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	9##	0.5	3.5	20.	0.5	41.5	6.442	0.5	0.5	4.	20.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	9##	-0.301	0.097	1.301	-0.301	0.345	0.587	-0.301	-0.301	0.54	1.301
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	9##	1.251	1.251	1.251	1.251	1.251	1.251	1.251	1.251	1.251	1.251
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	8##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4##	0.1	0.2	0.5	0.1	0.04	0.2	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	8	2.075	2.169	3.07	1.17	0.399	0.632	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	13	6.	8.308	25.	5.	28.231	5.313	5.	5.5	9.	19.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	11.	11.4	16.	6.	10.044	3.169	6.3	9.	15.	15.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	13	17.	15.769	26.	6.	57.359	7.574	6.	6.	21.5	25.6
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	13	100.	66.154	100.	0.	1663.141	40.782	0.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	13	5.	4.308	15.	0.	20.397	4.516	0.	0.	5.5	13.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	13	0.	0.097	0.5	0.	0.027	0.164	0.	0.	0.2	0.42
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	10	1.	1.12	2.	0.2	0.446	0.668	0.22	0.55	2.	2.
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	13	0.3	0.615	3.	0.1	0.668	0.817	0.14	0.2	0.7	2.4
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	10	3.085	3.059	3.4	2.57	0.061	0.247	2.591	2.885	3.24	3.387
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	13 ##	0.5	1.	2.	0.5	0.458	0.677	0.5	0.5	1.75	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	9	20.	20.889	26.	15.	16.861	4.106	15.	17.5	25.	26.
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	13	10.1	11.254	17.6	8.5	9.721	3.118	8.62	9.05	12.35	17.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	4	0.3	0.55	1.4	0.2	0.33	0.574	**	**	**	**
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	13	6.3	5.888	6.8	3.44	1.078	1.038	3.864	5.35	6.55	6.72
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	13	6.3	4.48	6.8	3.44	3.225	1.796	3.864	5.35	6.55	6.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	13	0.501	33.121	363.078	0.158	9963.924	99.819	0.196	0.284	16.127	230.496
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	5	4.5	5.26	6.6	4.4	1.288	1.135	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	5	4.5	4.65	6.6	4.4	1.753	1.324	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	5	31.623	22.379	39.811	0.251	416.494	20.408	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	10	3.5	3.9	6.	3.	1.211	1.101	3.	3.	5.	5.9
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	13	41.	44.385	68.	29.	120.09	10.959	30.2	36.	52.	63.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	13	2.	2.385	6.	0.5	3.673	1.917	0.5	0.5	4.	5.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	7	0.03	0.038	0.1	0.005	0.001	0.038	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	7	0.2	0.157	0.2	0.05	0.005	0.073	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	7	0.4	0.454	1.	0.22	0.066	0.256	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	7	0.01	0.012	0.02	0.005	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	8	6.	7.	12.	5.	5.714	2.39	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	3	460.	353.333	480.	120.	40933.333	202.32	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	4 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	10	1.915	1.941	2.43	1.6	0.061	0.247	1.613	1.76	2.115	2.409

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	10	6.	7.2	10.	6.	2.844	1.687	6.	6.	8.5	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	13.	11.8	17.	5.	22.4	4.733	5.	7.25	16.25	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	10	19.5	17.7	24.	8.	37.344	6.111	8.1	12.	23.25	24.
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	9	50.	54.444	100.	5.	1671.528	40.884	5.	7.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	4	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	8	0.9	1.675	6.	0.4	3.728	1.931	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	10	0.65	0.56	0.8	0.2	0.069	0.263	0.21	0.3	0.8	0.8
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	8	2.725	2.855	3.3	2.58	0.087	0.295	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	9 ##	0.5	0.667	1.5	0.5	0.125	0.354	0.5	0.5	0.75	1.5
00094	SPECIFIC CONDUCTANCE_FIELD (UMHOS/CM @ 25C)	10	25.5	59.6	380.	20.	12683.156	112.62	20.	20.75	28.	344.8
00300p	OXYGEN, DISSOLVED MG/L	10	9.2	9.5	11.7	8.1	1.48	1.217	8.11	8.5	10.75	11.62
00310	BOD, 5 DAY, 20 DEG C MG/L	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10	6.55	6.66	7.7	6.1	0.252	0.502	6.1	6.325	7.1	7.64
00400	CONVERTED PH (STANDARD UNITS)	10	6.547	6.471	7.7	6.1	0.291	0.54	6.1	6.325	7.1	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.284	0.338	0.794	0.02	0.075	0.274	0.026	0.079	0.497	0.794
00403	PH, LAB, STANDARD UNITS SU	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10	4.	8.3	34.	3.	94.233	9.707	3.	3.75	9.	32.1
00500	RESIDUE, TOTAL (MG/L)	6	38.	39.5	52.	28.	106.7	10.33	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10	1.	1.2	2.	0.5	0.511	0.715	0.5	2.	2.	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	8	0.025	0.026	0.05	0.005	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	8	0.2	0.194	0.4	0.05	0.013	0.115	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	8	0.335	0.375	0.61	0.25	0.016	0.126	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	8	6.	7.	14.	5.	8.571	2.928	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	5 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	5 ##	1.	1.4	3.	1.	0.8	0.894	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	4	56.	61.143	120.	25.	1498.476	38.71	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	7 ##	0.5	0.643	1.	0.5	0.06	0.244	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	7 ##	-0.301	-0.215	0.	-0.301	0.022	0.147	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			0.61								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81647	REFERENCE POINT READING (LINEAR FEET)	8	2.275	2.145	2.42	1.7	0.087	0.295	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12	6.	6.	6.	6.	0.	0.	6.	6.	6.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	9.	8.75	14.	4.	14.932	3.864	4.	5.	12.	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	16.	16.833	29.	7.	57.242	7.566	7.3	9.25	24.25	28.1
00032	CLOUD COVER (PERCENT)	10	90.	62.5	100.	0.	2018.056	44.923	0.5	8.75	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	3	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	8	0.25	0.588	2.	0.	0.484	0.696	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10	6.5	7.13	20.	0.3	33.858	5.819	0.57	3.	8.75	19.4
00064	DEPTH OF STREAM, MEAN (FT)	12	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
00065	STAGE, STREAM (FEET)	10	3.305	3.264	4.02	2.44	0.186	0.431	2.494	3.018	3.44	3.995
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12 ##	0.5	0.567	1.3	0.5	0.053	0.231	0.5	0.5	0.5	1.06
00094	SPECIFIC CONDUCTANCE_FIELD (UMHOS/CM @ 25C)	12	25.	25.333	30.	19.	12.424	3.525	19.6	23.	28.75	29.7
00300p	OXYGEN, DISSOLVED MG/L	12	8.9	9.408	12.5	7.7	2.141	1.463	7.76	8.35	10.35	12.17
00400	PH (STANDARD UNITS)	12	5.75	5.767	6.8	4.7	0.406	0.637	4.76	5.3	6.225	6.74
00400	CONVERTED PH (STANDARD UNITS)	12	5.725	5.375	6.8	4.7	0.573	0.757	4.76	5.3	6.225	6.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	1.885	4.213	19.953	0.158	36.933	6.077	0.186	0.626	5.36	17.744
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	12	3.	3.	10.	1.	6.727	2.594	1.	1.	3.75	8.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12 ##	0.5	1.083	3.	0.5	0.992	0.996	0.5	0.5	1.75	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	12	0.03	0.029	0.06	0.005	0.	0.015	0.007	0.02	0.04	0.054
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	12	0.1	0.125	0.4	0.05	0.01	0.101	0.05	0.05	0.175	0.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	12	0.46	0.498	0.81	0.25	0.023	0.15	0.277	0.423	0.623	0.759
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	12	0.01	0.013	0.04	0.005	0.	0.01	0.005	0.006	0.018	0.034
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	12	7.	7.	12.	5.	3.455	1.859	5.	6.	7.75	10.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	11 ##	2.5	4.818	28.	2.5	59.114	7.689	2.5	2.5	2.5	22.9
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	12 ##	5.	5.	5.	5.	0.	5.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	12 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	12 ##	25.	34.25	100.	25.	535.841	23.148	25.	25.	25.	88.3
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	12 ##	5.	5.	5.	5.	0.	5.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	12 ##	5.	5.833	15.	5.	8.333	2.887	5.	5.	5.	12.
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	11	74.	98.455	280.	25.	8687.473	93.207	25.	25.	100.	280.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	0.5	0.625	2.	0.5	0.188	0.433	0.5	0.5	0.5	1.55
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	12 ##	-0.301	-0.251	0.301	-0.301	0.03	0.174	-0.301	-0.301	-0.301	0.12
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C												
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	10	1.695	1.736	2.56	0.98	0.186	0.431	1.005	1.56	1.983	2.506

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	10	6.	5.9	6.	5.	0.1	0.316	5.1	6.	6.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	10.	10.4	19.	2.	28.711	5.358	2.3	5.	15.25	18.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	10	19.	18.4	29.	6.	53.378	7.306	6.3	13.5	24.5	28.7
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	10	5.	34.	100.	0.	2160.	46.476	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	5	3.	4.2	10.	0.	13.7	3.701	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	10	0.	0.08	0.5	0.	0.026	0.162	0.	0.	0.125	0.47
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	10	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	10 ##	0.5	0.91	4.6	0.5	1.681	1.297	0.5	0.5	0.5	4.19
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	10	25.	25.5	37.	17.	25.611	5.061	17.6	23.	27.25	36.1
00300p	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	10	8.95	9.21	10.6	8.4	0.605	0.778	8.4	8.625	9.925	10.57
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.5	6.46	7.1	5.1	0.28	0.53	5.23	6.4	6.8	7.07
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.5	5.982	7.1	5.1	0.534	0.731	5.23	6.4	6.8	7.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	10	0.316	1.042	7.943	0.079	5.893	2.428	0.087	0.158	0.398	7.189
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	9	5.	5.889	10.	1.	8.861	2.977	1.	4.	8.5	10.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	10	1.	3.1	20.	0.5	36.433	6.036	0.5	0.5	2.5	18.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	9	0.04	0.043	0.09	0.02	0.	0.019	0.02	0.035	0.045	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	9	0.2	0.211	0.6	0.1	0.026	0.162	0.1	0.1	0.25	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	9	0.14	0.244	0.65	0.02	0.047	0.216	0.02	0.055	0.42	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	9	0.02	0.027	0.05	0.01	0.	0.014	0.01	0.015	0.04	0.05
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	10	8.5	8.4	12.	5.	4.933	2.221	5.1	6.75	10.25	11.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	9 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	9 ##	1.	1.444	5.	1.	1.778	1.333	1.	1.	1.	5.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	9 ##	25.	53.444	230.	25.	4505.528	67.123	25.	25.	50.5	230.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	9 ##	5.	9.111	42.	5.	152.111	12.333	5.	5.	5.	42.
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	9	68.	113.222	330.	25.	13922.694	117.994	25.	25.	205.	330.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	10 ##	0.5	0.75	2.	0.5	0.236	0.486	0.5	0.5	1.	1.9
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	10 ##	-0.301	-0.181	0.301	-0.301	0.044	0.21	-0.301	-0.301	0.	0.271
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C												
31616	GEOMETRIC MEAN =			0.66									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	9##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

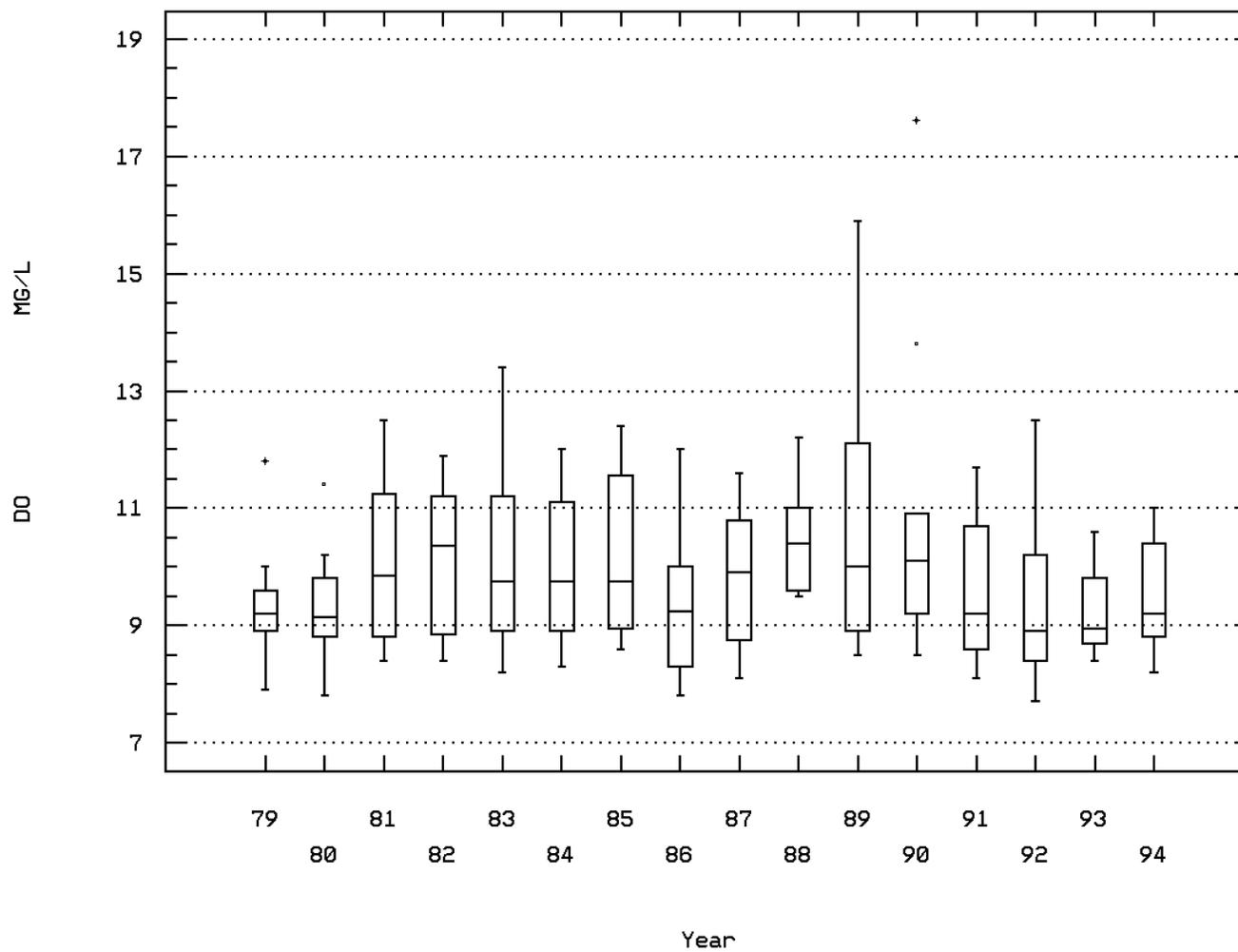
Annual Analysis for 1994 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	02/09/83-12/27/94	10	6.	6.	6.	6.	0.	0.	6.	6.	6.	6.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	10	12.	10.6	16.	3.	21.156	4.6	3.2	5.75	15.	15.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	10	21.	18.1	26.	7.	47.433	6.887	7.1	12.5	23.5	25.9
00032 CLOUD COVER (PERCENT)	03/19/79-12/27/94	10	80.	63.	100.	0.	1778.889	42.177	0.	15.	100.	100.
00035 WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	10	1.	1.6	5.	0.	3.378	1.838	0.	0.	3.	4.8
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	10	0.	0.14	0.5	0.	0.045	0.212	0.	0.	0.35	0.5
00064 DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	10	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	10##	0.5	0.56	1.1	0.5	0.036	0.19	0.5	0.5	0.5	1.04
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	10	21.5	20.9	25.	17.	11.656	3.414	17.	17.	24.	24.9
00300p OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	10	9.2	9.47	11.	8.2	0.991	0.996	8.24	8.75	10.55	11.
00400 PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.25	6.22	6.8	5.7	0.093	0.305	5.72	6.05	6.35	6.77
00400 CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	10	6.247	6.128	6.8	5.7	0.102	0.32	5.72	6.05	6.35	6.77
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	10	0.566	0.745	1.995	0.158	0.283	0.532	0.174	0.455	0.91	1.922
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	10##	0.5	0.75	2.	0.5	0.236	0.486	0.5	0.5	1.	1.9
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	9	0.02	0.026	0.06	0.005	0.	0.021	0.005	0.01	0.05	0.06
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	9	0.1	0.144	0.2	0.1	0.003	0.053	0.1	0.1	0.2	0.2
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	9	0.14	0.164	0.48	0.04	0.018	0.134	0.04	0.065	0.205	0.48
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	9##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.015	0.02
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	10	8.	7.6	10.	6.	1.378	1.174	6.	6.75	8.	9.8
00945 SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	10##	2.5	2.75	5.	2.5	0.625	0.791	2.5	2.5	2.5	4.75
01002 ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	10##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027 CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	10##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	10##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042 COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	10##	1.	2.1	5.	1.	2.322	1.524	1.	1.	3.25	4.9
01045 IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	10##	25.	29.4	69.	25.	193.6	13.914	25.	25.	25.	64.6
01051 LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	10##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	10##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01105 ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	10##	25.	52.1	180.	25.	2356.767	48.547	25.	25.	63.75	168.9
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	10##	0.5	1.05	5.	0.5	1.969	1.403	0.5	0.5	1.	4.6
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	10##	-0.301	-0.141	0.699	-0.301	0.103	0.321	-0.301	-0.301	0.	0.629
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	10##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71900 MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	10##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0161 Parameter Code: 00300

OXYGEN, DISSOLVED



WILSON CREEK AT US HWY 221 NEAR GRAGG N

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	22	6.	5.955	8.	5.	0.617	0.785	5.	5.75	6.	7.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	49	15.	14.847	19.	10.	2.919	1.708	13.	14.	16.	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	42	22.	21.964	30.	15.	13.834	3.719	17.15	19.	24.	28.1
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	49	50.	55.918	100.	0.	1502.785	38.766	0.	20.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	14	4.	3.929	15.	0.	18.995	4.358	0.	0.	5.	12.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	45	0.	0.159	1.	0.	0.082	0.287	0.	0.	0.25	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	35	0.5	2.389	29.	0.1	29.71	5.451	0.1	0.2	2.	8.
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	22	0.65	0.523	0.8	0.1	0.089	0.298	0.1	0.2	0.8	0.8
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	43	2.65	2.675	3.83	1.46	0.288	0.537	1.798	2.45	3.09	3.342
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	46 ##	0.5	0.972	3.8	0.4	0.52	0.721	0.5	0.5	1.425	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	39	24.	32.487	380.	10.	3294.783	57.4	15.	22.	25.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/79-02/23/90	8	21.5	21.	25.	15.	11.429	3.381	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	49	8.6	8.606	9.6	7.7	0.231	0.481	7.9	8.2	8.9	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	27	0.4	0.37	0.7	0.1	0.028	0.168	0.1	0.2	0.5	0.62
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	44	6.3	6.317	7.7	4.7	0.23	0.479	5.85	6.2	6.6	6.8
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	44	6.3	5.906	7.7	4.7	0.403	0.634	5.85	6.2	6.6	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	44	0.501	1.242	19.953	0.02	11.775	3.431	0.158	0.251	0.631	1.422
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	26	6.25	6.262	6.9	5.5	0.088	0.297	5.88	6.1	6.425	6.63
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	26	6.247	6.15	6.9	5.5	0.101	0.318	5.88	6.1	6.425	6.63
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	26	0.566	0.709	3.162	0.126	0.448	0.67	0.236	0.378	0.794	1.454
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	29	3.	3.138	6.	1.	1.552	1.246	2.	2.	4.	5.
00431	ALKALINITY, TOTAL, FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	38	4.	4.632	34.	1.	28.293	5.319	1.	2.	5.	8.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/20/80-02/23/90	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	37	35.	36.	63.	19.	99.944	9.997	24.8	28.5	41.5	49.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	47	2.	2.564	18.	0.5	8.191	2.862	0.5	1.	3.	5.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	46	0.025	0.028	0.09	0.005	0.	0.016	0.009	0.02	0.033	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	46	0.1	0.139	0.4	0.05	0.008	0.088	0.05	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	46	0.295	0.288	0.5	0.02	0.013	0.113	0.131	0.22	0.383	0.439
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	46	0.02	0.018	0.04	0.005	0.	0.01	0.005	0.01	0.025	0.027
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	27	7.	7.519	14.	2.	6.105	2.471	5.2	6.	9.	10.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	34 ##	2.5	3.353	7.	2.5	2.523	1.588	2.5	2.5	3.125	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	27 ##	5.	10.296	25.	1.	120.217	10.964	1.	1.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	27 ##	12.5	18.056	25.	12.5	40.064	6.33	12.5	12.5	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	03/19/79-03/30/89	8 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	27 ##	5.	8.963	20.	1.	70.806	8.415	1.	1.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	18 ##	50.	67.722	300.	25.	5276.918	72.642	25.	25.	76.75	210.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	27 ##	25.	26.481	50.	5.	486.182	22.05	5.	5.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/19/79-08/30/94	13 ##	25.	18.308	25.	5.	88.897	9.429	5.	5.	25.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-12/27/94	20 ##	5.	19.25	50.	5.	382.303	19.553	5.	5.	43.75	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	27 ##	5.	14.556	80.	5.	249.949	15.81	5.	5.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	31	100.	122.323	400.	25.	8191.492	90.507	30.	50.	180.	274.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	46	5.	12.087	120.	0.5	457.637	21.392	0.5	1.	10.25	25.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	46	0.699	0.672	2.079	-0.301	0.397	0.63	-0.301	0.	1.01	1.409
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/19/79-12/27/94	46	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	34 ##	0.005	0.012	0.025	0.005	0.	0.009	0.005	0.005	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	27 ##	0.1	0.48	6.	0.1	1.49	1.221	0.1	0.1	0.25	1.04
81647	REFERENCE POINT READING (LINEAR FEET)	04/10/79-10/29/92	42	2.345	2.32	3.54	1.17	0.294	0.542	1.646	1.91	2.53	3.204

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	45	6.	8.311	50.	4.	61.083	7.816	5.	6.	6.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	80	5.	5.588	12.	1.	9.309	3.051	2.	3.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	72	8.	9.625	24.	-2.	44.04	6.636	2.3	5.	15.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	80	50.	52.75	100.	0.	1847.405	42.981	0.	5.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	34	5.	3.838	15.	0.	12.95	3.599	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	76	0.	0.134	2.	0.	0.141	0.375	0.	0.	0.088	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	53	1.	3.049	20.	0.3	18.239	4.271	0.44	0.7	4.5	7.6
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	45	0.8	0.729	3.	0.1	0.426	0.652	0.16	0.3	0.8	1.7
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	54	2.91	2.971	3.86	1.96	0.099	0.315	2.72	2.778	3.138	3.395
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	76 ##	0.5	0.693	5.2	0.05	0.4	0.632	0.5	0.5	0.5	1.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	63	24.	25.492	130.	12.	213.867	14.624	17.	20.	28.	30.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/79-02/23/90	18	24.	23.778	44.	5.	101.359	10.068	5.	18.75	29.25	39.5
00300	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	83	10.9	11.033	17.6	8.6	2.529	1.59	9.4	10.	11.7	12.36
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	44	0.2	0.352	2.7	0.1	0.174	0.417	0.2	0.2	0.4	0.55
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	72	6.2	6.1	7.1	3.44	0.377	0.614	5.29	5.925	6.5	6.6
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	72	6.2	5.128	7.1	3.44	1.333	1.155	5.29	5.925	6.5	6.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	72	0.631	7.443	363.078	0.079	1851.889	43.034	0.251	0.316	1.194	5.365
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	54	6.2	6.026	7.2	4.4	0.332	0.576	4.85	5.9	6.4	6.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	54	6.2	5.42	7.2	4.4	0.706	0.84	4.85	5.9	6.4	6.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	54	0.631	3.8	39.811	0.063	89.646	9.468	0.316	0.398	1.259	16.531
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	52	3.	2.712	8.	0.5	1.572	1.254	1.	2.	3.	4.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	59	3.	2.881	9.	1.	2.865	1.693	1.	2.	4.	5.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/20/80-02/23/90	15	6.	6.733	24.	3.	27.495	5.244	3.	3.	8.	15.
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	64	32.	33.094	56.	12.	107.166	10.352	20.	25.	41.	48.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	82 ##	0.5	1.598	15.	0.5	4.706	2.169	0.5	0.5	2.	3.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	78	0.02	0.038	0.96	0.005	0.012	0.108	0.005	0.01	0.03	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	78	0.1	0.121	0.4	0.05	0.005	0.072	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	78	0.415	0.444	1.2	0.03	0.05	0.224	0.18	0.3	0.58	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	78	0.01	0.014	0.05	0.005	0.	0.01	0.005	0.005	0.025	0.025
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	57	7.	6.851	12.	0.5	4.375	2.092	4.8	6.	8.	9.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	60 ##	2.5	3.683	9.	2.5	2.771	1.665	2.5	2.5	5.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	45 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	47 ##	1.	8.809	25.	1.	101.68	10.084	1.	1.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	47 ##	12.5	17.34	25.	2.5	42.773	6.54	12.5	12.5	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	03/19/79-03/30/89	13 ##	50.	46.154	50.	25.	88.141	9.388	25.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	47 ##	5.	8.936	70.	1.	140.409	11.849	1.	1.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	33 ##	25.	40.485	200.	25.	984.633	31.379	25.	25.	50.	50.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	47 ##	10.	26.064	100.	5.	570.583	23.887	5.	5.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/19/79-08/30/94	24 ##	19.	19.5	60.	5.	227.348	15.078	5.	5.	25.	42.5
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-12/27/94	36 ##	5.	18.333	50.	5.	348.571	18.67	5.	5.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	47 ##	5.	13.745	90.	3.	220.542	14.851	5.	5.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	57	60.	127.298	800.	25.	22341.534	149.471	25.	50.	110.	340.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	76 ##	0.5	2.612	20.	0.5	8.931	2.988	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	76 ##	-0.301	0.14	1.301	-0.301	0.254	0.504	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.38								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	54 ##	0.005	0.01	0.03	0.005	0.	0.009	0.005	0.005	0.01	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	44 ##	0.1	0.133	0.25	0.1	0.004	0.062	0.1	0.1	0.1	0.25
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	54	2.09	2.029	3.04	1.14	0.099	0.315	1.605	1.863	2.223	2.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/09/83-12/27/94	23	6.	6.87	10.	4.	3.119	1.766	5.	6.	8.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/19/79-12/27/94	47	11.	11.298	17.	6.	6.257	2.501	8.	10.	13.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/27/94	39	21.	20.795	29.	12.	18.957	4.354	14.	17.	25.	26.
00032	CLOUD COVER (PERCENT)	03/19/79-12/27/94	45	50.	55.889	100.	0.	1596.919	39.961	0.	20.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/14/87-12/27/94	20	5.	4.1	10.	0.	6.832	2.614	0.	3.	5.	7.7
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/19/79-12/27/94	46	0.	0.135	2.	0.	0.128	0.358	0.	0.	0.1	0.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/79-10/29/92	32	1.	4.122	50.	0.1	88.974	9.433	0.23	0.525	3.	12.9
00064	DEPTH OF STREAM, MEAN (FT)	02/09/83-12/27/94	23	0.3	0.409	0.8	0.1	0.09	0.3	0.1	0.2	0.8	0.8
00065	STAGE, STREAM (FEET)	04/10/79-10/29/92	34	2.89	2.926	4.41	1.72	0.286	0.535	2.23	2.695	3.133	3.69
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/79-12/27/94	41 ##	0.5	1.063	10.	0.5	2.743	1.656	0.5	0.6	2.	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/81-12/27/94	39	24.	23.897	41.	11.	35.042	5.92	17.	21.	26.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/79-02/23/90	3	22.	23.	27.	20.	13.	3.606	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/19/79-12/27/94	47	9.2	9.351	11.4	8.1	0.508	0.713	8.58	8.8	9.9	10.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/19/79-06/11/91	27	0.4	0.513	1.7	0.05	0.155	0.394	0.1	0.2	0.6	1.08
00400	PH (STANDARD UNITS)	03/19/79-12/27/94	45	6.5	6.397	7.1	5.4	0.116	0.341	6.02	6.25	6.6	6.74
00400	CONVERTED PH (STANDARD UNITS)	03/19/79-12/27/94	45	6.5	6.213	7.1	5.4	0.151	0.389	6.02	6.25	6.6	6.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/79-12/27/94	45	0.316	0.613	3.981	0.079	0.755	0.869	0.183	0.251	0.566	0.98
00403	PH, LAB, STANDARD UNITS SU	12/18/79-04/12/91	28	6.2	6.121	6.7	5.	0.166	0.408	5.39	6.	6.375	6.51
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/79-04/12/91	28	6.2	5.875	6.7	5.	0.229	0.479	5.39	6.	6.375	6.51
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/79-04/12/91	28	0.631	1.333	10.	0.2	4.216	2.053	0.31	0.424	1.	4.084
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/79-04/12/91	31	3.	2.968	6.	1.	1.499	1.224	2.	2.	4.	5.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-10/27/93	39	4.	3.865	15.	0.25	6.358	2.522	2.	3.	4.	5.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	05/20/80-02/23/90	5	4.	5.	8.	3.	5.5	2.345	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/19/79-08/19/91	37	33.	35.595	82.	18.	197.192	14.043	20.4	27.5	39.	54.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/19/79-12/27/94	45	2.	3.778	54.	0.5	68.165	8.256	0.5	1.	4.	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/79-12/27/94	40	0.023	0.022	0.06	0.005	0.	0.012	0.01	0.01	0.025	0.039
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/19/79-12/27/94	40	0.1	0.154	0.6	0.05	0.014	0.118	0.05	0.05	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/19/79-12/27/94	40	0.365	0.377	0.83	0.14	0.023	0.153	0.205	0.26	0.44	0.627
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/19/79-12/27/94	40	0.015	0.018	0.07	0.005	0.	0.011	0.01	0.01	0.025	0.025
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/22/80-12/27/94	24	7.	6.688	12.	0.5	6.3	2.51	3.	5.25	8.5	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/80-12/27/94	27	5.	5.574	28.	2.5	27.802	5.273	2.5	2.5	6.	8.8
01002	ARSENIC, TOTAL (UG/L AS AS)	03/19/79-12/27/94	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/19/79-12/27/94	25 ##	5.	10.08	25.	1.	117.577	10.843	1.	1.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/19/79-12/27/94	25 ##	12.5	18.	25.	12.5	40.104	6.333	12.5	12.5	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	03/19/79-03/30/89	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/19/79-12/27/94	25 ##	5.	11.8	90.	1.	327.167	18.088	1.	1.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	03/19/79-12/27/94	15 ##	50.	102.467	800.	6.	40128.267	200.32	17.4	25.	51.	458.
01051	LEAD, TOTAL (UG/L AS PB)	03/19/79-12/27/94	25 ##	25.	26.4	50.	5.	484.417	22.009	5.	5.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/19/79-08/30/94	10 ##	25.	24.5	80.	5.	469.167	21.66	5.	5.	25.	74.5
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-12/27/94	21 ##	13.	23.238	50.	5.	422.69	20.559	5.	5.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	03/19/79-12/27/94	25 ##	5.	20.	110.	5.	825.	28.723	5.	5.	25.	65.
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/82-12/27/94	27	100.	112.704	300.	25.	5543.063	74.452	25.	50.	150.	220.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	39 ##	5.	4.718	30.	0.5	34.918	5.909	0.5	0.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/19/79-12/27/94	39 ##	0.699	0.377	1.477	-0.301	0.301	0.549	-0.301	-0.301	0.699	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.381								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/19/79-09/30/91	30 ##	0.005	0.011	0.025	0.005	0.	0.009	0.005	0.005	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	03/19/79-12/27/94	25 ##	0.1	0.142	0.25	0.1	0.005	0.069	0.1	0.1	0.25	0.25
81647	REFERENCE POINT READING(LINEAR FEET)	04/10/79-10/29/92	33	2.1	2.042	3.28	0.59	0.258	0.508	1.3	1.855	2.275	2.454

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0162

NPS Station ID: BLRI0162
 Location: LAWSON FK CK HILLBRK FOREST SD E
 Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: SANTEE-COOPER RIVER BASIN
 RF1 Index: 03050101044
 RF3 Index: 03050101070000.00
 Description:
 ONE CELL LAGOON- DESIGN FLOW 0.154 MGD- OWNED BY DUNBAR REALTY- NO POST CHLORINATION

LAT/LON: 35.975004/ -81.846948

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 9.420
 RF3 Mile Point: 0.52

Agency: 1113S000
 FIPS State/County: 45083 SOUTH CAROLINA/SPARTANBURG
 STORET Station ID(s): 453575 /SC-HB
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 10.20
 Distance from RF3: 0.36

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/73-10/04/73	6	21.75	21.667	24.	19.5	2.967	1.722	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/02/73-10/04/73	6	14000.	14383.333	26000.	3700.	63273666.667	7954.475	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/02/73-10/04/73	6	4.145	4.085	4.415	3.568	0.091	0.301	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			12155.972								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0162

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	6	1.00	6	6	1.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0163

NPS Station ID: BLRI0163 LAT/LON: 36.008615/ -81.853615
 Location: NORTH HARPER CK @ USFS #58 NEAR KAWANA, NC
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA
 RF1 Index: 03050101 RF1 Mile Point: 0.000
 RF3 Index: 03050101005622.00 RF3 Mile Point: 26.88
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C1380000 /0214042720
 Within Park Boundary: No

Date Created: 01/24/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	01/14/87-08/19/91	55	5.	9.036	50.	4.	93.702	9.68	5.	5.	8.	22.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-08/19/91	61	11.	10.443	18.	0.	27.117	5.207	2.	6.5	15.	16.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/86-08/19/91	61	20.	16.254	29.	1.	66.455	8.152	4.	7.	23.	25.
00032	CLOUD COVER (PERCENT)	05/15/86-08/19/91	61	50.	51.311	100.	0.	1536.585	39.199	0.	5.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-06/11/91	51	5.	3.255	15.	0.	12.554	3.543	0.	0.	5.	9.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	05/15/86-06/11/91	59	0.	0.125	2.	0.	0.096	0.31	0.	0.	0.1	0.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/15/86-09/27/88	19	2.	2.395	9.	0.5	4.975	2.23	0.7	0.8	3.	6.
00064	DEPTH OF STREAM, MEAN (FT)	01/14/87-08/19/91	55	0.3	0.511	4.	0.1	0.65	0.806	0.1	0.2	0.3	2.
00065	STAGE, STREAM (FEET)	05/15/86-07/11/91	40	1.89	1.875	2.52	1.44	0.054	0.232	1.546	1.685	2.048	2.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/86-08/19/91	62 ##	0.5	1.432	16.	0.5	5.332	2.309	0.5	0.5	1.5	2.5
00080	COLOR (PLATINUM-COBALT UNITS)	05/15/86-03/30/89	5	12.	13.6	18.	10.	10.8	3.286	**	**	**	**
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	11/25/86-06/29/89	11	14.	13.364	20.	7.	11.855	3.443	7.6	11.	16.	19.2
00083	COLOR,SPECTROPHOTOMETRIC,FIL,WATER SPL ADMI UNITS	11/25/86-06/29/89	11	12.	11.636	19.	4.	14.055	3.749	5.	9.	13.	18.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/86-08/19/91	52	13.	14.942	45.	5.	52.055	7.215	7.	12.	17.75	24.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/30/86-02/23/90	8	11.5	11.	13.	5.	6.571	2.563	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/86-08/19/91	63	9.9	10.108	14.9	7.9	2.406	1.551	8.34	8.9	10.9	12.52
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/86-06/11/91	44	0.4	0.4	1.2	0.05	0.052	0.227	0.2	0.2	0.5	0.75
00400	PH (STANDARD UNITS)	05/15/86-08/19/91	59	6.5	6.435	6.9	4.64	0.159	0.399	6.2	6.4	6.6	6.7
00400	CONVERTED PH (STANDARD UNITS)	05/15/86-08/19/91	59	6.5	5.946	6.9	4.64	0.402	0.634	6.2	6.4	6.6	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-08/19/91	59	0.316	1.132	22.909	0.126	16.999	4.123	0.2	0.251	0.398	0.631
00403	PH, LAB, STANDARD UNITS SU	05/15/86-04/12/91	40	6.4	6.4	6.9	6.	0.032	0.18	6.2	6.3	6.5	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/86-04/12/91	40	6.4	6.364	6.9	6.	0.034	0.183	6.2	6.3	6.5	6.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-04/12/91	40	0.398	0.432	1.	0.126	0.035	0.186	0.251	0.316	0.501	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/15/86-04/12/91	38	4.	3.605	5.	2.	0.732	0.855	2.9	3.	4.	5.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/15/86-08/19/91	51	4.	4.039	8.	2.	1.438	1.199	3.	3.	5.	5.8
00500	RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	63	32.	38.27	320.	7.	1528.361	39.094	18.8	24.	42.	48.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/15/86-10/24/89	38	18.5	20.645	43.	0.5	150.661	12.274	3.9	11.75	31.	39.1
00510	RESIDUE, TOTAL FIXED (MG/L)	05/15/86-10/24/89	38	11.	13.092	69.	0.5	163.228	12.776	1.85	5.75	15.25	32.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	63	3.	4.77	75.	0.5	115.579	10.751	0.5	1.	4.	6.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/86-10/24/89	38	2.	3.158	21.	0.5	20.934	4.575	0.5	0.5	3.25	8.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/86-10/24/89	38 ##	0.5	3.026	54.	0.5	91.148	9.547	0.5	0.5	1.	4.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/86-08/19/91	51	0.02	0.023	0.07	0.005	0.	0.015	0.01	0.01	0.03	0.048
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/27/86-10/30/86	5	0.4	0.66	1.6	0.3	0.303	0.55	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/86-08/19/91	51	0.1	0.107	0.3	0.005	0.005	0.068	0.05	0.05	0.1	0.2
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	06/27/86-10/30/86	5	130.	112.95	180.	4.75	4308.513	65.639	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/86-08/19/91	51	0.05	0.052	0.2	0.005	0.001	0.034	0.01	0.03	0.07	0.08
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/27/86-10/30/86	5	1.7	1.78	2.8	1.1	0.487	**	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/86-08/19/91	51	0.01	0.012	0.08	0.005	0.	0.012	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/27/86-10/30/86	5	0.3	0.268	0.4	0.04	0.023	0.152	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/86-03/30/89	17 ##	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5	2.5
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/30/86-02/28/89	6 ##	0.005	0.013	0.05	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/86-08/19/91	51	4.	4.186	12.	0.5	3.42	1.849	2.2	3.	5.	6.
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/28/89-12/28/89	1	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/27/86-10/30/86	5	260.	334.	620.	240.	26380.	162.419	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/15/86-12/28/89	17	0.1	0.147	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00929	SODIUM, TOTAL (MG/L AS Na)	12/28/89-12/28/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/86-10/24/89	37 ##	0.5	0.595	1.	0.5	0.039	0.199	0.5	0.5	0.5	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/86-08/19/91	45 ##	2.5	2.622	8.	2.5	0.672	0.82	2.5	2.5	2.5	2.5
00951	FLUORIDE, TOTAL (MG/L AS F)	02/28/89-02/28/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/15/86-06/11/91	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/27/86-10/30/86	5 ##	1.05	1.83	3.7	1.	1.452	1.205	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	03/30/89-03/30/89	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/28/89-12/28/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/15/86-06/11/91	28 ##	3.	3.	5.	1.	4.148	2.037	1.	1.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	5	0.8	0.914	1.6	0.59	0.156	0.394	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/15/86-06/11/91	29 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01037	COBALT, TOTAL (UG/L AS CO)	05/15/86-12/28/89	16 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/15/86-06/11/91	28 ##	5.	3.571	5.	1.	3.81	1.952	1.	1.	5.	5.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/27/86-10/30/86	5	0.5	0.592	1.1	0.41	0.082	0.287	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/15/86-12/28/89	33	50.	73.909	490.	25.	7425.335	86.17	25.	25.	78.	160.
01051	LEAD, TOTAL (UG/L AS Pb)	05/15/86-06/11/91	28 ##	25.	17.107	64.	5.	184.321	13.577	5.	5.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS Pb DRY WGT)	06/27/86-10/30/86	5	3.	3.36	4.9	2.5	0.868	0.932	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	06/27/86-12/28/89	36 ##	12.5	18.528	180.	2.	899.171	29.986	12.5	12.5	12.5	12.5
01067	NICKEL, TOTAL (UG/L AS Ni)	05/15/86-06/11/91	28 ##	25.	17.857	25.	5.	95.238	9.759	5.	5.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/86-10/30/86	5 ##	0.25	0.4	1.	0.25	0.113	0.335	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/21/87-10/21/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/28/89-12/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	05/15/86-06/11/91	28 ##	5.	5.286	13.	5.	2.286	1.512	5.	5.	5.	5.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS Zn DRY WGT)	06/27/86-10/30/86	5	6.3	6.86	13.	3.3	13.283	3.645	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS Al)	05/15/86-08/19/91	47	75.	100.979	700.	25.	11575.934	107.592	25.	50.	120.	200.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS Al DRY WGT)	06/27/86-10/30/86	5	2200.	2360.	3700.	1500.	778000.	882.043	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS Li)	01/21/88-12/28/89	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	05/15/86-06/28/90	18 ##	2.5	9.	120.	2.	767.412	27.702	2.45	2.5	2.5	14.25
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS Fe DRY WGT)	06/27/86-10/30/86	5	3200.	3740.	6200.	2500.	2073000.	1439.792	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/27/86-06/29/89	31	240.	541.903	8000.	5.	1992537.024	1411.573	10.4	55.	410.	912.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	06/27/86-06/29/89	31	2.38	2.223	3.903	0.699	0.507	0.712	1.016	1.74	2.613	2.957
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			166.968								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/15/86-06/11/91	42	2.5	14.214	230.	0.5	1388.111	37.257	0.5	0.875	11.75	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/15/86-06/11/91	42	0.389	0.518	2.362	-0.301	0.506	0.711	-0.301	-0.075	1.058	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.293								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/15/86-03/30/89	12 ##	1.	2.083	5.	1.	2.083	1.443	1.	1.	3.	4.7
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34684	DIELDRIN TISMG/KG	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGT TISMG/KG	10/21/87-10/21/87	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGT TISMG/KG	10/21/87-10/21/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER, TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER, TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR, TRANS ISO, TISSUE, WET WT, UG/G	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	10/21/87-10/21/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/21/87-10/21/87	2 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/21/87-10/21/87	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	10/21/87-10/21/87	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/21/87-10/21/87	2 ##	0.11	0.11	0.2	0.02	0.016	0.127	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/86-08/19/91	51 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	06/27/86-10/30/86	5	48.	65.	110.	42.	885.	29.749	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71900	MERCURY, TOTAL (UG/L AS HG)	05/15/86-06/11/91	27 ##	0.1	0.111	0.3	0.1	0.002	0.042	0.1	0.1	0.1	0.12
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/27/86-10/30/86	5 ##	0.01	0.03	0.1	0.01	0.002	0.039	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	2	0.115	0.115	0.17	0.06	0.006	0.078	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	2	1.6	1.6	1.7	1.5	0.02	0.141	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	2 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	08/19/88-09/27/88	2	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0163

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	62	0	0.00	17	0	0.00	29	0	0.00	16	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	63	0	0.00	17	0	0.00	29	0	0.00	17	0	0.00
00400	PH	Other-Hi Lim. 9.	59	0	0.00	16	0	0.00	26	0	0.00	17	0	0.00
		Other-Lo Lim. 6.5	59	31	0.53	16	10	0.63	26	14	0.54	17	7	0.41
00403	PH, LAB	Other-Hi Lim. 9.	40	0	0.00	9	0	0.00	21	0	0.00	10	0	0.00
		Other-Lo Lim. 6.5	40	33	0.83	9	7	0.78	21	18	0.86	10	8	0.80
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water 10.	51	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute 0.022	5 &	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water 0.2	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute 860.	37	0	0.00	10	0	0.00	17	0	0.00	10	0	0.00
		Drinking Water 250.	37	0	0.00	10	0	0.00	17	0	0.00	10	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	45	0	0.00	14	0	0.00	22	0	0.00	9	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water 4.	1	0	0.00			0.00	1	0	0.00			0.00
01002	ARSENIC, TOTAL	Fresh Acute 360.	26	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
		Drinking Water 50.	26	0	0.00	7	0	0.00	11	0	0.00	8	0	0.00
01007	BARIUM, TOTAL	Drinking Water 2000.	1	0	0.00			0.00	1	0	0.00			0.00
01012	BERYLLIUM, TOTAL	Fresh Acute 130.	1	0	0.00			0.00	1	0	0.00			0.00
		Drinking Water 4.	0 &	0	0.00			0.00			0.00			0.00
01027	CADMIUM, TOTAL	Fresh Acute 3.9	14 &	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
		Drinking Water 5.	14 &	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water 100.	29	0	0.00	7	0	0.00	14	0	0.00	8	0	0.00
01042	COPPER, TOTAL	Fresh Acute 18.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
		Drinking Water 1300.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
01051	LEAD, TOTAL	Fresh Acute 82.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
		Drinking Water 15.	14 &	1	0.07	3	0	0.00	7	1	0.14	4	0	0.00
01067	NICKEL, TOTAL	Fresh Acute 1400.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
		Drinking Water 100.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
01077	SILVER, TOTAL	Fresh Acute 4.1	1	0	0.00			0.00	1	0	0.00			0.00
		Drinking Water 100.	1	0	0.00			0.00	1	0	0.00			0.00
01092	ZINC, TOTAL	Fresh Acute 120.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
		Drinking Water 5000.	28	0	0.00	7	0	0.00	13	0	0.00	8	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute 20.	18	1	0.06	6	0	0.00	7	1	0.14	5	0	0.00
		Drinking Water 50.	18	1	0.06	6	0	0.00	7	1	0.14	5	0	0.00
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim. 1000.	31	2	0.06	9	1	0.11	14	0	0.00	8	1	0.13
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	42	1	0.02	13	0	0.00	17	1	0.06	12	0	0.00
71900	MERCURY, TOTAL	Fresh Acute 2.4	27	0	0.00	7	0	0.00	12	0	0.00	8	0	0.00
		Drinking Water 2.	27	0	0.00	7	0	0.00	12	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	15.	13.429	18.	7.	17.952	4.237	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	6	19.5	18.	22.	12.	19.6	4.427	**	**	**	**
00032	CLOUD COVER (PERCENT)	7	50.	52.857	100.	0.	990.476	31.472	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	7	0.025	0.104	0.3	0.	0.016	0.126	**	**	**	**
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	7##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE.FIELD (UMHOS/CM @ 25C)	5	13.	15.6	23.	12.	23.3	4.827	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	8.3	8.8	10.2	7.9	0.86	0.927	**	**	**	**
00400	PH (STANDARD UNITS)	6	6.5	6.35	6.6	5.7	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	6	6.489	6.201	6.6	5.7	0.154	0.392	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.325	0.63	1.995	0.251	0.47	0.685	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	5	4.	4.2	6.	2.	2.2	1.483	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	7	25.	30.429	51.	7.	296.952	17.232	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	7##	0.5	1.071	4.	0.5	1.702	1.305	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12	7.	7.833	15.	5.	9.788	3.129	5.	5.25	9.5	14.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	9.5	10.	17.	4.	22.364	4.729	4.3	6.	14.75	16.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	18.5	15.333	29.	1.	87.333	9.345	2.2	7.	22.75	27.8
00032	CLOUD COVER (PERCENT)	12	45.	53.75	100.	0.	1905.114	43.648	0.	6.25	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	11	0.	1.636	5.	0.	5.455	2.335	0.	0.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.009	0.1	0.	0.001	0.029	0.	0.	0.004	0.072
00064	DEPTH OF STREAM, MEAN (FT)	12	0.15	0.183	0.3	0.1	0.009	0.094	0.1	0.1	0.3	0.3
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00094	SPECIFIC CONDUCTANCE.FIELD (UMHOS/CM @ 25C)	12	14.5	15.917	28.	5.	39.72	6.302	6.5	12.25	19.5	27.1
00300	OXYGEN, DISSOLVED MG/L	12	10.	9.925	11.8	8.3	1.3	1.14	8.45	8.925	10.85	11.71
00400	PH (STANDARD UNITS)	11	6.5	6.445	6.8	6.	0.071	0.266	6.02	6.2	6.7	6.78
00400	CONVERTED PH (STANDARD UNITS)	11	6.5	6.369	6.8	6.	0.077	0.278	6.02	6.2	6.7	6.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.316	0.427	1.	0.158	0.076	0.276	0.167	0.2	0.631	0.959
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10	3.	3.4	5.	2.	1.156	1.075	2.	2.75	4.25	5.
00500	RESIDUE, TOTAL (MG/L)	12	24.5	28.833	56.	11.	196.879	14.031	11.9	16.25	39.25	53.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	2.	3.042	12.	0.5	10.248	3.201	0.5	0.625	4.	9.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11	5.	5.364	8.	5.	0.855	0.924	5.	5.	5.	7.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	7.5	9.333	18.	2.	28.788	5.365	2.6	4.75	14.	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	20.	17.	26.	3.	79.4	8.911	3.2	7.	25.	25.8
00032	CLOUD COVER (PERCENT)	10	32.5	31.5	100.	0.	1144.722	33.834	0.	0.	50.	95.
00035	WIND VELOCITY (MILES PER HOUR)	11	5.	5.727	10.	0.	9.818	3.133	0.6	5.	10.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11	0.	0.046	0.4	0.	0.015	0.121	0.	0.	0.005	0.34
00064	DEPTH OF STREAM, MEAN (FT)	11	0.2	0.182	0.3	0.1	0.008	0.087	0.1	0.1	0.3	0.3
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12##	0.5	2.967	16.	0.5	23.753	4.874	0.5	0.5	3.8	13.96
00094	SPECIFIC CONDUCTANCE.FIELD (UMHOS/CM @ 25C)	10	18.5	21.3	45.	10.	116.456	10.791	10.1	13.25	27.5	43.7
00300	OXYGEN, DISSOLVED MG/L	12	10.3	10.25	12.8	8.7	1.501	1.225	8.73	9.3	11.225	12.41
00400	PH (STANDARD UNITS)	12	6.5	6.5	6.7	6.3	0.015	0.121	6.3	6.425	6.6	6.67
00400	CONVERTED PH (STANDARD UNITS)	12	6.5	6.484	6.7	6.3	0.015	0.122	6.3	6.425	6.6	6.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.316	0.328	0.501	0.2	0.009	0.095	0.251	0.251	0.378	0.501
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	11	4.	3.909	5.	3.	0.491	0.701	3.	3.	4.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500 RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	12	31.	39.25	110.	18.	643.114	25.36	19.5	26.	37.5	97.1
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	12	3.5	13.125	75.	0.5	532.369	23.073	0.95	2.	7.5	66.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	01/14/87-08/19/91	12	5.	10.083	30.	4.	85.72	9.258	4.3	5.	16.5	28.5
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-08/19/91	11	12.	9.273	15.	1.	37.818	6.15	1.2	2.	15.	15.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/86-08/19/91	12	20.	15.125	25.	3.	89.097	9.439	3.	4.25	23.	25.
00032 CLOUD COVER (PERCENT)	05/15/86-08/19/91	12	50.	51.667	100.	0.	1906.061	43.658	0.	0.	100.	100.
00035 WIND VELOCITY (MILES PER HOUR)	02/05/87-06/11/91	11	5.	2.727	5.	0.	6.818	2.611	0.	0.	5.	5.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	05/15/86-06/11/91	12	0.075	0.338	2.	0.	0.363	0.603	0.	0.	0.45	1.7
00064 DEPTH OF STREAM, MEAN (FT)	01/14/87-08/19/91	12	0.3	0.958	4.	0.2	1.699	1.303	0.2	0.3	1.575	3.7
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/86-08/19/91	12	1.5	1.475	2.5	0.5	0.469	0.685	0.5	1.	2.	2.5
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/15/86-08/19/91	9	10.	9.222	13.	5.	10.444	3.232	5.	6.	12.	13.
00300 OXYGEN, DISSOLVED MG/L	05/15/86-08/19/91	12	10.1	10.7	14.9	8.6	4.015	2.004	8.69	8.925	12.4	14.21
00400 PH (STANDARD UNITS)	05/15/86-08/19/91	10	6.525	6.545	6.9	6.2	0.056	0.236	6.2	6.35	6.725	6.89
00400 CONVERTED PH (STANDARD UNITS)	05/15/86-08/19/91	10	6.524	6.487	6.9	6.2	0.06	0.244	6.2	6.35	6.725	6.89
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-08/19/91	10	0.299	0.326	0.631	0.126	0.033	0.181	0.129	0.189	0.456	0.631
00431 ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/15/86-08/19/91	9	4.	4.222	8.	2.	3.194	1.787	2.	3.	5.	8.
00500 RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	12	36.	58.833	320.	20.	6848.879	82.758	21.5	28.25	47.25	238.7
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	12	2.	2.792	7.	0.5	3.066	1.751	0.65	2.	4.	6.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	01/14/87-08/19/91	14	6.	13.714	50.	5.	263.451	16.231	5.	5.	16.	45.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-08/19/91	13	11.	9.923	16.	0.	25.244	5.024	0.	8.5	13.5	15.6
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/86-08/19/91	14	18.5	15.5	26.	3.	61.962	7.872	4.	5.75	20.5	25.5
00032 CLOUD COVER (PERCENT)	05/15/86-08/19/91	14	50.	57.857	100.	0.	1729.67	41.589	0.	18.75	100.	100.
00035 WIND VELOCITY (MILES PER HOUR)	02/05/87-06/11/91	14	0.	2.857	15.	0.	18.132	4.258	0.	0.	5.	10.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	05/15/86-06/11/91	13	0.005	0.154	0.5	0.	0.039	0.198	0.	0.	0.3	0.5
00064 DEPTH OF STREAM, MEAN (FT)	01/14/87-08/19/91	14	0.3	0.729	3.	0.2	0.808	0.899	0.25	0.3	0.725	2.5
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/86-08/19/91	14	1.5	1.429	3.	0.5	0.918	0.958	0.5	0.5	2.125	3.
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/15/86-08/19/91	10	12.5	11.9	15.	5.	7.656	2.767	5.5	11.5	13.25	14.9
00300 OXYGEN, DISSOLVED MG/L	05/15/86-08/19/91	14	10.3	10.593	14.	8.4	3.07	1.752	8.5	9.4	11.475	13.6
00400 PH (STANDARD UNITS)	05/15/86-08/19/91	14	6.5	6.242	6.7	4.64	0.474	0.688	4.64	6.3	6.6	6.65
00400 CONVERTED PH (STANDARD UNITS)	05/15/86-08/19/91	14	6.5	5.45	6.7	4.64	1.15	1.072	4.64	6.3	6.6	6.65
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-08/19/91	14	0.316	3.549	22.909	0.2	67.282	8.203	0.225	0.251	0.501	22.909
00431 ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/15/86-08/19/91	11	4.	4.091	5.	3.	0.491	0.701	3.	4.	5.	5.
00500 RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	14	37.5	35.5	45.	21.	66.423	8.15	22.5	26.25	42.	45.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	14	4.	3.821	9.	0.5	5.446	2.334	0.75	1.75	5.	7.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	01/14/87-08/19/91	6	5.	5.167	6.	5.	0.167	0.408	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-08/19/91	6	14.5	13.333	18.	5.	25.467	5.046	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/15/86-08/19/91	6	21.	19.	27.	9.	49.2	7.014	**	**	**	**
00032	CLOUD COVER (PERCENT)	05/15/86-08/19/91	6	60.	61.667	100.	10.	1256.667	35.449	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/87-06/11/91	4	2.5	3.75	10.	0.	22.917	4.787	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	05/15/86-06/11/91	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	01/14/87-08/19/91	6	0.3	0.367	0.5	0.3	0.011	0.103	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/86-08/19/91	5	1.5	1.2	2.	0.5	0.45	0.671	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/15/86-08/19/91	6	14.	15.5	24.	11.	23.5	4.848	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/86-08/19/91	6	9.15	9.4	10.8	8.1	1.196	1.094	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/86-08/19/91	6	6.65	6.633	6.8	6.4	0.019	0.137	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/86-08/19/91	6	6.647	6.614	6.8	6.4	0.019	0.138	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-08/19/91	6	0.225	0.243	0.398	0.158	0.007	0.084	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	05/15/86-08/19/91	5	6.	5.	6.	3.	2.	1.414	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/15/86-08/19/91	6	28.	29.667	46.	21.	79.867	8.937	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-08/19/91	6	2.5	2.	3.	0.5	1.5	1.225	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0164

NPS Station ID: BLRI0164
 Location: NORTH HARPER CR NR KAWANA, NC
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC:
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 03050101067603.04
 Description:

LAT/LON: 36.008615/ -81.853615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 6.39

Agency: 112WRD
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): 0214042720
 Within Park Boundary: No

Date Created: 08/01/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 25.10
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/19/87-07/19/88	12	14.25	10.475	16.5	0.	37.226	6.101	0.9	4.5	15.	16.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/87-09/06/87	7	16.	14.714	22.	7.	28.821	5.369	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/19/87-07/19/88	11	683.	678.909	685.	668.	44.691	6.685	668.	673.	684.	684.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/27/86-08/24/88	90	10.	11.59	56.	0.5	100.857	10.043	1.	5.	14.25	22.9
00065	STAGE, STREAM (FEET)	01/19/87-08/24/88	82	2.35	2.309	3.19	1.48	0.122	0.349	1.701	2.125	2.533	2.675
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/06/87-01/20/88	7	6.1	9.086	38.	0.4	173.318	13.165	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/87-01/20/88	7	27.	28.429	57.	8.	319.952	17.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/19/87-07/19/88	16	13.	13.938	36.	8.	41.263	6.424	8.	10.5	14.75	23.4
00300	OXYGEN, DISSOLVED MG/L	01/19/87-07/19/88	11	9.7	9.809	11.8	8.8	1.029	1.014	8.8	8.9	10.2	11.74
00400	PH (STANDARD UNITS)	01/19/87-07/19/88	16	5.8	5.825	6.9	5.1	0.247	0.497	5.24	5.425	6.128	6.69
00400	CONVERTED PH (STANDARD UNITS)	01/19/87-07/19/88	16	5.8	5.619	6.9	5.1	0.292	0.541	5.24	5.425	6.128	6.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/19/87-07/19/88	16	1.585	2.405	7.943	0.126	4.645	2.155	0.214	0.757	3.776	5.891
00403	PH, LAB, STANDARD UNITS SU	09/06/87-01/20/88	7	7.	7.086	7.6	6.5	0.128	0.358	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/87-01/20/88	7	7.	6.959	7.6	6.5	0.147	0.383	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/87-01/20/88	7	0.1	0.11	0.316	0.025	0.01	0.098	**	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	12/24/87-12/24/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	8 ##	0.15	0.194	0.3	0.15	0.005	0.068	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/17/87-01/20/88	5 ##	0.095	0.093	0.095	0.09	0.	0.003	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/19/87-01/20/88	12	0.02	0.024	0.04	0.005	0.	0.015	0.005	0.006	0.04	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/19/87-01/20/88	12 ##	0.045	0.12	0.945	0.045	0.067	0.26	0.045	0.045	0.045	0.675
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/19/87-01/20/88	12	0.4	0.575	1.9	0.1	0.411	0.641	0.1	0.1	0.75	1.87
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/19/87-01/20/88	12 ##	0.05	0.204	1.9	0.05	0.285	0.534	0.05	0.05	0.05	1.345
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/19/87-01/20/88	12	0.01	0.032	0.24	0.005	0.004	0.066	0.007	0.01	0.02	0.174
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/06/87-01/20/88	7	0.9	0.886	1.1	0.6	0.028	0.168	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/06/87-01/20/88	7	0.2	0.2	0.3	0.1	0.003	0.058	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/19/87-01/20/88	9	0.2	0.289	0.6	0.2	0.019	0.136	0.2	0.2	0.35	0.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/06/87-01/20/88	7	1.	0.943	1.3	0.7	0.043	0.207	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/06/87-01/20/88	7	0.4	0.471	1.	0.2	0.066	0.256	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/06/87-01/20/88	7	0.8	1.1	2.	0.6	0.397	0.63	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/87-01/20/88	7	6.	7.143	10.	4.	5.143	2.268	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/06/87-01/20/88	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/87-01/20/88	7	4.7	4.557	5.5	3.5	0.493	0.702	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/19/87-01/20/88	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01027	CADMIUM, TOTAL (UG/L AS CD)	01/19/87-01/20/88	9 ##	0.5	0.667	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/19/87-01/20/88	9	1.	1.444	3.	0.5	0.715	0.846	0.5	0.75	2.	3.
01037	COBALT, TOTAL (UG/L AS CO)	01/19/87-01/20/88	9	1.	1.222	3.	0.5	0.819	0.905	0.5	0.5	2.	3.
01042	COPPER, TOTAL (UG/L AS CU)	01/19/87-01/20/88	9	2.	3.278	11.	0.5	14.007	3.743	0.5	0.5	5.5	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01045	IRON, TOTAL (UG/L AS FE)	01/19/87-01/20/88	9	110.	381.667	1700.	5.	365537.5	604.597	5.	20.	710.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	01/19/87-01/20/88	9##	2.5	3.444	6.	2.5	2.09	1.446	2.5	2.5	5.	6.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/19/87-01/20/88	9	10.	48.889	230.	5.	6073.611	77.933	5.	5.	85.	230.
01067	NICKEL, TOTAL (UG/L AS NI)	01/19/87-01/20/88	9##	0.5	0.722	2.	0.5	0.257	0.507	0.5	0.5	0.75	2.
01092	ZINC, TOTAL (UG/L AS ZN)	01/19/87-01/20/88	9##	5.	9.444	30.	5.	84.028	9.167	5.	5.	12.5	30.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/19/87-01/20/88	9	200.	978.889	4900.	70.	2572086.111	1603.772	70.	75.	1550.	4900.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/19/87-01/20/88	9##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	08/18/87-07/19/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/02/88	3##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/18/87-07/19/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/02/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.4	1.1	0.05	0.368	0.606	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.7	2.	0.05	1.268	1.126	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/02/88	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.333	0.9	0.05	0.241	0.491	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-07/19/88	3##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/02/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/06/87-01/20/88	7	27.	22.714	31.	14.	48.238	6.945	**	**	**	**
70507	PHOSPHORUS IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/19/87-01/20/88	12##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/19/87-01/20/88	8##	0.65	0.85	1.35	0.65	0.094	0.306	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/19/87-01/20/88	9##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/86-08/24/88	82	16.5	65.549	903.	0.	18035.806	134.297	0.	2.	66.5	202.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	08/18/87-08/18/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/18/87-06/02/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0164

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	7	0	0.00	3	0	0.00	4	0	0.00							
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	6	0	0.00	4	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	6	0	0.00	9	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	16	14	0.88	6	5	0.83	9	8	0.89	1	1	1.00			
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00	3	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	3	0	0.00	4	1	0.25						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	3	0	0.00	9	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	3	0	0.00	9	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	3	0	0.00	9	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00	4	0	0.00						
		Drinking Water	250.	7	0	0.00	3	0	0.00	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	3	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	3	0	0.00	4	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	50.	9	0	0.00	3	0	0.00	6	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	5.	9	0	0.00	3	0	0.00	6	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	9	0	0.00	3	0	0.00	6	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	1300.	9	0	0.00	3	0	0.00	6	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	15.	9	0	0.00	3	0	0.00	6	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	100.	9	0	0.00	3	0	0.00	6	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	5000.	9	0	0.00	3	0	0.00	6	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	50.	9	0	0.00	3	0	0.00	6	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	3	0	0.00	3	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	3	0	0.00	6	0	0.00						
		Drinking Water	2.	9	0	0.00	3	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0165

NPS Station ID: BLRI0165 LAT/LON: 36.075003/ -81.872226
 Location: LINVILLE RIVER @ LINVILLE NC INACTIVE 810309
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA
 RF1 Index: 03050101056 RF1 Mile Point: 29.100
 RF3 Index: 06010103002709.23 RF3 Mile Point: 13.46

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0760000 /CTB016 /030830002 /02138288
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Description:
 LOCATION: FROM JCT OF US 221 & NC 105 & 181 AT LINVILLE, TRAVEL N ON NC 105, 0.2 MI TO CULVERT AT LINVILLE RIVER. LOCATED TO DEFINE QUALITY OF WATER FROM LINVILLE'S WTP. SAMPLED AT MIDPOINT OFF DWNSTRM HEADWALL BY OWAR. ACTIVATION DATE 690303.

Parameter Inventory for Station: BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-03/30/81	45	15.	13.044	22.	0.	41.043	6.407	3.6	7.	18.	21.
00032	CLOUD COVER (PERCENT)	06/04/73-03/30/81	29	50.	51.379	100.	0.	1442.672	37.983	0.	15.	95.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-03/30/81	29	0.	0.283	2.	0.	0.234	0.484	0.	0.	0.4	1.
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-05/13/75	26	11.5	14.077	43.	4.	118.234	10.874	4.	5.75	18.25	34.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/15/76-03/30/81	12	10.	30.583	235.	1.	4231.174	65.047	1.6	4.25	25.25	172.9
00065	STAGE, STREAM (FEET)	06/23/70-03/30/81	38	11.635	8.646	12.18	1.31	22.51	4.744	1.498	1.998	11.94	12.142
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	18	3.85	5.8	15.	1.	19.904	4.461	1.54	2.	8.75	14.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/74-03/30/81	15	47.	44.667	60.	28.	94.095	9.7	28.	38.	52.	57.6
00300	OXYGEN, DISSOLVED MG/L	07/25/69-03/30/81	44	8.9	9.12	13.1	7.	2.139	1.463	7.45	7.925	10.	11.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-05/13/75	29	87.	86.241	101.	74.	32.833	5.73	79.	82.	89.	94.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-03/30/81	35	0.8	0.84	2.	0.1	0.23	0.48	0.36	0.5	1.	1.7
00335	COD, .025N K2CR2O7 MG/L	11/27/73-01/09/74	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/11/74-03/30/81	23 ##	12.5	11.239	46.	5.	93.133	9.651	5.	5.	12.5	24.2
00400	PH (STANDARD UNITS)	07/25/69-03/30/81	35	6.8	6.771	7.2	6.1	0.058	0.241	6.4	6.7	7.	7.04
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-03/30/81	35	6.8	6.697	7.2	6.1	0.064	0.252	6.4	6.7	7.	7.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-03/30/81	35	0.158	0.201	0.794	0.063	0.021	0.145	0.092	0.1	0.2	0.398
00403	PH, LAB, STANDARD UNITS SU	03/12/80-03/30/81	12	6.95	6.942	7.2	6.7	0.021	0.144	6.7	6.9	7.	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	03/12/80-03/30/81	12	6.947	6.919	7.2	6.7	0.021	0.146	6.7	6.9	7.	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/80-03/30/81	12	0.113	0.12	0.2	0.063	0.002	0.042	0.068	0.1	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-03/30/81	42	10.5	11.595	18.	5.	10.149	3.186	7.3	9.	14.	16.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-08/12/80	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	12/08/80-12/08/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/26/80-03/30/81	4	11.	13.25	21.	10.	27.583	5.252	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/12/80-03/30/81	5	52.	59.	107.	28.	843.	29.034	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/12/80-03/30/81	5	4.	15.6	62.	1.	686.3	26.197	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-03/30/81	20 ##	0.025	0.029	0.07	0.025	0.	0.011	0.025	0.025	0.025	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-03/30/81	22	0.1	0.152	0.4	0.05	0.006	0.076	0.1	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-03/30/81	22	0.17	0.198	0.46	0.025	0.014	0.116	0.073	0.1	0.26	0.384
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/75-05/13/75	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-03/30/81	22 ##	0.025	0.033	0.1	0.025	0.	0.019	0.025	0.025	0.025	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/80-12/08/80	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/74-12/08/80	8 ##	5.	6.875	10.	5.	6.696	2.588	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/74-03/30/81	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/74-03/30/81	9##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	04/08/74-03/30/81	9##	50.	50.	50.	0.	0.	50.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	04/08/74-03/30/81	9##	20.	20.	20.	0.	0.	20.	20.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	04/08/74-03/30/81	9	300.	368.889	1100.	80661.111	284.009	190.	200.	375.	1100.
01051	LEAD, TOTAL (UG/L AS PB)	04/08/74-03/30/81	9##	50.	61.111	100.	486.111	22.048	50.	50.	75.	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/74-03/30/81	9##	25.	54.444	130.	2009.028	44.822	25.	25.	105.	130.
01092	ZINC, TOTAL (UG/L AS ZN)	04/08/74-03/30/81	9##	25.	25.	25.	0.	0.	25.	25.	25.	25.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	4000.	4000.	6700.	14580000.	3818.377	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	3.47	3.47	3.826	0.254	0.504	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70		GEOMETRIC MEAN =	2951.271							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	40	20.	44.375	360.	4002.804	63.268	5.	5.	50.	100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	40	1.301	1.336	2.556	0.282	0.531	0.699	0.699	1.699	2.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81		GEOMETRIC MEAN =	21.697							
70305	SALINITY BASED ON CONDUCTIVITY	05/13/74-06/05/74	2	0.	0.	0.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/15/76-03/30/81	4##	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-03/30/81	11##	0.25	0.318	1.	0.051	0.226	0.25	0.25	0.25	0.85
81647	REFERENCE POINT READING(LINEAR FEET)	03/12/80-03/30/81	11	12.34	12.195	12.69	0.205	0.453	11.214	11.97	12.5	12.656

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	18	0	0.00	5	0	0.00	9	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	4.	44	0	0.00	19	0	0.00	13	0	0.00	12	0	0.00			
00400	PH	9.	35	0	0.00	15	0	0.00	10	0	0.00	10	0	0.00			
		6.5	35	6	0.17	15	0	0.00	10	5	0.50	10	1	0.10			
00403	PH, LAB	9.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
		6.5	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	22	0	0.00	12	0	0.00	3	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	360.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01027	CADMIUM, TOTAL	3.9	0&	0	0.00												
		5.	0&	0	0.00												
01034	CHROMIUM, TOTAL	100.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	18.	0&	0	0.00												
		1300.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	82.	9	2	0.22	3	2	0.67	3	0	0.00	3	0	0.00			
		15.	2&	2	1.00	2	2	1.00									
01092	ZINC, TOTAL	120.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
		5000.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	40	1	0.03	16	0	0.00	13	0	0.00	11	1	0.09			
71900	MERCURY, TOTAL	2.4	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		2.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-03/30/81	19	18.	18.	22.	10.	10.	3.162	10.	18.	20.	21.
00032	CLOUD COVER (PERCENT)	06/04/73-03/30/81	8	47.5	47.5	100.	0.	1385.714	37.225	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-03/30/81	8	0.	0.1	0.6	0.	0.046	0.214	**	**	**	**
00065	STAGE, STREAM (FEET)	06/23/70-03/30/81	15	11.94	9.905	12.18	1.4	19.067	4.367	1.448	11.66	12.14	12.174
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	5	2.8	5.88	12.	1.6	26.632	5.161	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/25/69-03/30/81	19	7.9	8.016	9.9	7.	0.654	0.808	7.1	7.5	8.5	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-03/30/81	14	0.8	0.993	2.	0.3	0.315	0.561	0.4	0.575	1.625	1.85
00340	COD, .25N K2CR2O7 MG/L	02/11/74-03/30/81	5##	5.	14.7	46.	5.	316.7	17.796	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-03/30/81	15	6.8	6.847	7.2	6.6	0.027	0.164	6.66	6.7	7.	7.14
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-03/30/81	15	6.8	6.82	7.2	6.6	0.028	0.166	6.66	6.7	7.	7.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-03/30/81	15	0.158	0.151	0.251	0.063	0.003	0.051	0.073	0.1	0.2	0.22
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-03/30/81	16	14.	13.75	18.	10.	6.333	2.517	10.	12.	15.	18.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-08/12/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	16	45.	50.625	140.	5.	1866.25	43.2	5.	6.25	95.	112.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	16	1.651	1.467	2.146	0.699	0.292	0.54	0.699	0.774	1.976	2.044
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-03/30/81	14	5.	5.571	12.	0.	14.418	3.797	0.5	2.5	8.	11.5
00032	CLOUD COVER (PERCENT)	06/04/73-03/30/81	12	22.5	41.25	100.	0.	1791.477	42.326	0.	2.5	95.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-03/30/81	12	0.05	0.3	1.	0.	0.187	0.433	0.	0.	0.825	1.
00065	STAGE, STREAM (FEET)	06/23/70-03/30/81	11	2.97	6.299	11.82	1.31	26.631	5.161	1.348	1.6	11.76	11.816
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	9	5.5	5.644	15.	1.	18.35	4.284	1.	2.	7.65	15.
00300	OXYGEN, DISSOLVED MG/L	07/25/69-03/30/81	13	10.4	10.746	13.1	9.5	1.176	1.084	9.54	9.95	11.25	12.82
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-03/30/81	12	0.5	0.567	1.2	0.1	0.092	0.303	0.16	0.4	0.8	1.11
00340	COD, .25N K2CR2O7 MG/L	02/11/74-03/30/81	10##	8.75	8.9	14.	5.	17.1	4.135	5.	5.	12.5	13.85
00400	PH (STANDARD UNITS)	07/25/69-03/30/81	10	6.65	6.6	7.1	6.1	0.093	0.306	6.12	6.375	6.8	7.07
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-03/30/81	10	6.625	6.506	7.1	6.1	0.103	0.321	6.12	6.375	6.8	7.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-03/30/81	10	0.237	0.312	0.794	0.079	0.048	0.219	0.087	0.158	0.424	0.765
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-03/30/81	14	10.	10.714	17.	5.	11.451	3.384	6.	8.75	13.25	16.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-08/12/80	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	13	10.	20.769	120.	5.	1011.859	31.81	5.	5.	25.	88.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-03/30/81	13	1.	1.05	2.079	0.699	0.196	0.443	0.699	0.699	1.389	1.888
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.227								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-03/30/81	12	14.5	13.917	21.	7.	16.447	4.055	7.	12.	16.	20.1
00032	CLOUD COVER (PERCENT)	06/04/73-03/30/81	9	75.	68.333	100.	20.	881.25	29.686	20.	37.5	95.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-03/30/81	9	0.	0.422	2.	0.	0.467	0.683	0.	0.	0.75	2.
00065	STAGE, STREAM (FEET)	06/23/70-03/30/81	12	11.495	9.224	12.07	1.82	19.202	4.382	1.883	4.373	11.758	12.028
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/27/73-03/30/81	4	3.6	6.05	14.	3.	28.177	5.308	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/25/69-03/30/81	12	9.	9.108	11.3	8.	0.779	0.883	8.12	8.425	9.4	10.91
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-03/30/81	9	0.8	0.967	1.8	0.4	0.17	0.412	0.4	0.75	1.2	1.8
00340	COD, .25N K2CR2O7 MG/L	02/11/74-03/30/81	8##	12.5	12.	31.	5.	72.714	8.527	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-03/30/81	10	6.85	6.83	7.	6.4	0.038	0.195	6.43	6.7	7.	7.
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-03/30/81	10	6.847	6.785	7.	6.4	0.04	0.2	6.43	6.7	7.	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-03/30/81	10	0.142	0.164	0.398	0.1	0.008	0.091	0.1	0.1	0.2	0.378

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-03/30/81	12	10.	9.75	15.	7.	4.205	2.05	7.	9.	10.	13.8
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-08/12/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/24/70-03/30/81	11	30.	63.182	360.	5.	10421.364	102.085	6.	10.	50.	308.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/24/70-03/30/81	11	1.477	1.485	2.556	0.699	0.267	0.517	0.759	1.	1.699	2.445
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			30.546								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0166

NPS Station ID: BLRI0166
 Location: LINVILLE RIVER @ SR1349 @ LINVILLE INACT-741003
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101016200.00
 Description:

LAT/LON: 36.075003/ -81.875005
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 29.100
 RF3 Mile Point: 0.15

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0790000 /CTB017
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.10

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	19	17.	16.474	21.	5.	16.93	4.115	10.	14.	20.	21.
00032	CLOUD COVER (PERCENT)	3	20.	18.333	25.	10.	58.333	7.638	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	12	9.	14.333	54.	3.	226.606	15.053	3.3	4.	20.25	46.5
00065	STAGE, STREAM (FEET)	12	11.715	11.591	11.84	11.01	0.074	0.272	11.097	11.363	11.815	11.84
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	19	8.1	8.416	10.3	6.3	1.117	1.057	7.3	7.6	9.5	10.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	19	87.	85.	95.	66.	52.111	7.219	75.	81.	89.	95.
00310	BOD, 5 DAY, 20 DEG C MG/L	8	0.85	1.013	2.8	0.4	0.598	0.774	**	**	**	**
00400	PH (STANDARD UNITS)	18	6.7	6.678	7.3	6.1	0.097	0.312	6.1	6.525	6.9	7.03
00400	CONVERTED PH (STANDARD UNITS)	18	6.7	6.566	7.3	6.1	0.11	0.332	6.1	6.525	6.9	7.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	18	0.2	0.272	0.794	0.05	0.05	0.224	0.095	0.126	0.314	0.794
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	16	13.	12.813	18.	9.	7.363	2.713	9.7	10.25	14.75	17.3
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	7	0.1	0.084	0.15	0.025	0.002	0.047	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	7	0.2	0.207	0.4	0.05	0.014	0.117	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	7	0.21	0.229	0.33	0.13	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7	0.12	0.134	0.22	0.025	0.005	0.072	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	26000.	26000.	37000.	15000.	242000000.	15556.349	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	2	4.372	4.372	4.568	4.176	0.077	0.277	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)			23558.438								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	14	265.	941.429	7400.	5.	3747686.264	1935.894	5.	25.	1100.	4600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	14	2.378	2.23	3.869	0.699	0.961	0.98	0.699	1.358	3.041	3.562
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			169.781								
71900	MERCURY, TOTAL (UG/L AS HG)	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	13	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	18	0	0.00	12	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	18	4	0.22	12	3	0.25	2	1	0.50	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00				1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	7	0.50	10	6	0.60	1	0	0.00	3	1	0.33			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0167

NPS Station ID: BLRI0167
 Location: LINVILLE R @ PINEOLA INACTIVE 741003
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101016200.00
 Description:

LAT/LON: 36.029170/ -81.894448

Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 24.090
 RF3 Mile Point: 0.16

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0820000 /CTB018
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-10/03/74	19	19.	17.789	22.	6.	18.509	4.302	11.	16.	21.	22.
00032	CLOUD COVER (PERCENT)	06/04/73-10/03/74	3	25.	20.	25.	10.	75.	8.66	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-10/03/74	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	14	23.5	29.214	70.	10.	262.335	16.197	11.	21.	36.75	60.
00065	STAGE, STREAM (FEET)	06/23/70-10/03/74	15	20.24	20.13	20.41	19.55	0.076	0.276	19.562	20.05	20.3	20.392
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/74-10/03/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/25/69-10/03/74	19	8.2	8.521	10.5	7.5	0.855	0.925	7.6	7.7	9.6	9.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-10/03/74	19	87.	88.421	100.	82.	27.813	5.274	82.	84.	91.	99.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-09/26/73	8	0.9	0.988	2.	0.5	0.213	0.461	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-10/03/74	18	6.7	6.722	7.4	6.2	0.099	0.315	6.29	6.5	6.9	7.22
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-10/03/74	18	6.7	6.622	7.4	6.2	0.11	0.332	6.29	6.5	6.9	7.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-10/03/74	18	0.2	0.239	0.631	0.04	0.027	0.165	0.061	0.126	0.316	0.514
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-10/03/74	16	11.5	11.875	18.	8.	7.183	2.68	8.7	10.	13.75	16.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	08/10/72-08/10/72	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/10/72-08/10/72	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/10/72-08/10/72	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/72-08/10/72	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/72-08/10/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/72-08/10/72	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7 ##	0.025	0.047	0.1	0.025	0.001	0.031	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7	0.2	0.186	0.3	0.1	0.005	0.069	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.11	0.123	0.18	0.07	0.001	0.036	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7	0.05	0.06	0.11	0.025	0.001	0.031	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	2750.	2750.	3000.	2500.	125000.	353.553	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	3.438	3.438	3.477	3.398	0.003	0.056	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			2738.613								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	14	15.	79.643	760.	5.	39082.555	197.693	5.	8.75	55.	425.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	14	1.151	1.341	2.881	0.699	0.382	0.618	0.699	0.925	1.736	2.418
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.939								
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0167

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	13	0	0.00	2	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	18	0	0.00	12	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	18	6	0.33	12	2	0.17	2	1	0.50	4	3	0.75			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	1	0.07	10	1	0.10	1	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0168

NPS Station ID: BLRI0168
 Location: STACEY CR NR NC 181 NR PINEOLA INACTIVE 730926
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101005622.00
 Description:

LAT/LON: 36.011116/ -81.895838
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 22.540
 RF3 Mile Point: 22.45

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0880000 /CTB020
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.22

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	17	17.	16.588	21.	7.	11.132	3.337	11.	15.5	18.5	20.2
00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	14	5.	4.55	8.	0.7	4.589	2.142	1.35	2.75	6.	8.
00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	14	7.385	7.37	7.52	7.04	0.015	0.122	7.16	7.325	7.453	7.515
00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	17	8.3	8.547	10.2	7.6	0.494	0.703	7.84	8.	9.05	9.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	17	84.	86.647	95.	80.	24.368	4.936	81.6	82.5	92.	94.2
00400	PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.55	6.569	7.1	6.2	0.048	0.218	6.27	6.425	6.675	6.96
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.547	6.523	7.1	6.2	0.05	0.223	6.27	6.425	6.675	6.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-09/26/73	16	0.284	0.3	0.631	0.079	0.019	0.136	0.112	0.212	0.378	0.54
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-09/26/73	14	11.	10.5	12.	7.	2.885	1.698	7.5	9.	12.	12.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7 ##	0.025	0.05	0.2	0.025	0.004	0.066	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7 ##	0.05	0.121	0.5	0.05	0.028	0.168	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.16	0.17	0.26	0.14	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7 ##	0.025	0.033	0.08	0.025	0.	0.021	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	1050.	1050.	1100.	1000.	5000.	70.711	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	11/05/69-06/23/70	2	3.021	3.021	3.041	3.	0.001	0.029	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1048.809								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/70-09/26/73	13	40.	220.385	870.	5.	107385.256	327.697	7.	10.	430.	870.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/70-09/26/73	13	1.602	1.744	2.94	0.699	0.641	0.801	0.819	1.	2.621	2.94
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.427								
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0168

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	11	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	16	8	0.50	10	4	0.40	2	1	0.50	4	3	0.75			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0168

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	13	4	0.31	8	2	0.25	1	0	0.00	4	2	0.50			
71900	MERCURY, TOTAL	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0169

NPS Station ID: BLRI0169 LAT/LON: 36.006948/ -81.895838
 Location: STACEY CR @ NC HWY181 NR PINEOLA INACT-730926
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA
 RF1 Index: 03050101056 RF1 Mile Point: 22.330
 RF3 Index: 03050101005622.00 RF3 Mile Point: 26.92
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0850000 /CTB019
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.10

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	17	15.	14.471	19.	7.	7.39	2.718	11.	13.	16.	18.2
00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/27/70-09/26/73	13	1.	1.169	2.	0.6	0.236	0.485	0.72	0.9	1.5	2.
00065	STAGE, STREAM (FEET)	10/27/70-09/26/73	13	5.79	5.767	5.83	5.66	0.003	0.055	5.664	5.73	5.805	5.83
00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	17	8.7	8.729	9.9	7.	0.446	0.668	7.88	8.4	9.05	9.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	16	85.	85.	94.	70.	36.133	6.011	77.	81.25	90.	93.3
00400	PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.5	6.475	7.2	6.1	0.081	0.284	6.17	6.225	6.5	7.06
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.5	6.406	7.2	6.1	0.086	0.293	6.17	6.225	6.5	7.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-09/26/73	16	0.316	0.392	0.794	0.063	0.039	0.197	0.089	0.316	0.599	0.68
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-09/26/73	14	10.5	10.714	18.	7.	7.912	2.813	7.5	9.	11.5	16.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.31	0.309	0.43	0.21	0.004	0.065	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7##	0.025	0.029	0.05	0.025	0.	0.009	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	1100.	1100.	2000.	200.	1620000.	1272.792	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	11/05/69-06/23/70	2	2.801	2.801	3.301	2.301	0.5	0.707	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			632.456								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/70-09/26/73	13	30.	65.385	380.	5.	9956.09	99.78	5.	15.	75.	272.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/70-09/26/73	13	1.477	1.508	2.58	0.699	0.284	0.533	0.699	1.151	1.866	2.364
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.238								
71900	MERCURY, TOTAL (UG/L AS HG)	09/26/70-08/10/72	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0169

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	11	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	16	14	0.88	10	9	0.90	2	1	0.50	4	4	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0169

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	13	1	0.08	9	0	0.00	1	0	0.00	3	1	0.33			
71900	MERCURY, TOTAL	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0170

NPS Station ID: BLRI0170
 Location: MILL TIMBER CR @MOUTH @CROSSMORE INACT-730926
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101093300.00
 Description:

LAT/LON: 36.016670/ -81.925004
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 20.160
 RF3 Mile Point: 0.07

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0940000 /CTB022
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.08

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	17	18.	17.353	22.	7.	14.368	3.79	11.	16.	20.	22.
00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	2	0.	0.	0.	0.	0.	**	**	**	**	
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	12	7.5	9.5	17.	6.	12.818	3.58	6.3	7.	11.75	16.4
00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	12	2.67	2.638	2.77	2.35	0.015	0.124	2.386	2.588	2.745	2.767
00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	17	8.3	8.429	9.9	7.2	0.57	0.755	7.44	8.	8.85	9.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	17	87.	86.765	99.	79.	28.316	5.321	80.6	83.	89.	96.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/10/72-09/26/73	7	2.2	2.129	3.2	1.	0.609	0.78	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.9	6.856	7.3	6.2	0.081	0.285	6.34	6.7	7.	7.23
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.9	6.756	7.3	6.2	0.092	0.303	6.34	6.7	7.	7.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-09/26/73	16	0.126	0.176	0.631	0.05	0.022	0.149	0.059	0.1	0.2	0.468
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-09/26/73	14	18.5	21.643	75.	12.	248.093	15.751	12.5	14.5	20.5	49.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7	0.24	0.203	0.32	0.06	0.011	0.107	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7	0.4	0.414	0.6	0.2	0.018	0.135	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.25	0.259	0.33	0.22	0.001	0.037	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7	0.31	0.273	0.4	0.09	0.012	0.112	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	160000.	160000.	280000.	40000.288000000000.	169705.627	**	**	**	**	
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	11/05/69-06/23/70	2	5.025	5.025	5.447	4.602	0.357	0.598	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			105830.052								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	13	10000.	14908.077	55000.	5.	328164598.077	18115.314	23.	175.	21000.	52200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	13	4.	3.432	4.74	0.699	1.66	1.288	1.099	2.199	4.297	4.717
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2702.795								
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	11	0	0.00	2	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	16	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	16	2	0.13	10	0	0.00	2	1	0.50	4	1	0.25
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	10	0.77	9	7	0.78	1	1	1.00	3	2	0.67			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0171

NPS Station ID: BLRI0171
 Location: MILL TIMBER CR @SR1524 @CROSSMORE INACT-730926
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101005622.00
 Description:

LAT/LON: 36.020838/ -81.925004
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 20.160
 RF3 Mile Point: 22.51

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0910000 /CTB021
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.13

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	17	17.	16.824	21.	8.	11.029	3.321	11.2	15.	19.	21.
00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/27/70-09/26/73	12	5.5	6.417	12.	4.	6.811	2.61	4.	4.	8.75	11.1
00065	STAGE, STREAM (FEET)	10/27/70-09/26/73	12	3.3	3.317	3.57	3.02	0.024	0.155	3.077	3.24	3.448	3.564
00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	17	8.5	8.718	10.4	7.2	0.655	0.81	7.68	8.25	9.	10.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	17	87.	88.882	100.	74.	36.485	6.04	82.	87.	93.5	98.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/10/72-09/26/73	7	0.5	0.7	1.4	0.3	0.203	0.451	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.85	6.719	7.2	6.2	0.114	0.337	6.2	6.325	7.	7.06
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-09/26/73	16	6.847	6.593	7.2	6.2	0.131	0.361	6.2	6.325	7.	7.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-09/26/73	16	0.142	0.255	0.631	0.063	0.042	0.204	0.089	0.1	0.475	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-09/26/73	14	13.5	13.214	15.	10.	2.643	1.626	10.	12.75	14.25	15.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7 ##	0.025	0.029	0.05	0.025	0.	0.009	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7 ##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.22	0.246	0.34	0.22	0.002	0.044	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7 ##	0.025	0.037	0.06	0.025	0.	0.016	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	11500.	11500.	13000.	10000.	4500000.	2121.32	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	11/05/69-06/23/70	2	4.057	4.057	4.114	4.	0.006	0.081	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			11401.754								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	13	290.	412.692	1500.	5.	239877.564	489.773	11.	85.	470.	1460.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	13	2.462	2.26	3.176	0.699	0.489	0.699	0.94	1.923	2.671	3.164
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			182.009								
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0171

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	11	0	0.00	2	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	16	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	16	5	0.31	10	1	0.10	2	2	1.00	4	2	0.50
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0171

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	7	0.54	9	6	0.67	1	0	0.00	3	1	0.33			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0172

NPS Station ID: BLRI0172 LAT/LON: 36.005559/ -81.933337
 Location: LINVILLE R NR CROSSMORE NC INACT-730926
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA
 RF1 Index: 03050101056
 RF3 Index: 03050101005619.12
 Description:

Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 19.280
 RF3 Mile Point: 19.78

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): C0970000 /CTB023
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.11

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/69-09/26/73	18	19.	18.	23.	7.	15.882	3.985	11.5	16.	21.	22.1
00032	CLOUD COVER (PERCENT)	06/04/73-09/26/73	2	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/04/73-09/26/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-09/26/73	15	33.	58.2	180.	14.	2688.457	51.85	15.8	27.	63.	162.
00065	STAGE, STREAM (FEET)	06/23/70-09/26/73	15	5.9	5.452	6.4	3.76	0.764	0.874	4.12	4.56	6.2	6.364
00300	OXYGEN, DISSOLVED MG/L	07/25/69-09/26/73	18	8.5	8.656	10.5	7.5	0.568	0.754	7.77	8.175	9.1	9.87
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/69-09/26/73	18	90.5	90.333	100.	83.	27.647	5.258	83.	86.	94.	99.1
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/72-09/26/73	8	0.8	0.925	1.9	0.7	0.165	0.406	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/07/72-09/11/72	6	0.75	0.983	2.	0.7	0.262	0.512	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/69-09/26/73	17	6.8	6.788	7.4	6.3	0.121	0.348	6.3	6.45	7.1	7.16
00400	CONVERTED PH (STANDARD UNITS)	07/25/69-09/26/73	17	6.8	6.662	7.4	6.3	0.138	0.371	6.3	6.45	7.1	7.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/69-09/26/73	17	0.158	0.218	0.501	0.04	0.028	0.166	0.072	0.079	0.357	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/69-09/26/73	15	12.	11.933	16.	6.	7.924	2.815	7.8	10.	14.	15.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/69-09/26/73	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/72-09/26/73	7 ##	0.025	0.033	0.08	0.025	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/72-09/26/73	7	0.1	0.129	0.2	0.1	0.002	0.049	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/72-09/26/73	7	0.19	0.184	0.21	0.14	0.001	0.024	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/72-09/26/73	7	0.06	0.064	0.09	0.05	0.	0.015	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	15500.	15500.	26000.	5000.	220500000.	14849.242	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/05/69-06/23/70	2	4.057	4.057	4.415	3.699	0.256	0.506	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			11401.754								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	14	360.	1261.429	6300.	5.	3924747.802	1981.098	5.	77.5	1850.	5650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/24/70-09/26/73	14	2.55	2.396	3.799	0.699	1.056	1.028	0.699	1.75	3.267	3.749
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			248.79								
71900	MERCURY, TOTAL (UG/L AS HG)	09/24/70-08/10/72	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0172

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	12	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	17	0	0.00	11	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	17	5	0.29	11	1	0.09	2	2	1.00	4	2	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0172

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	9	0.64	10	7	0.70	1	0	0.00	3	2	0.67			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0173

NPS Station ID: BLRI0173 LAT/LON: 35.958338/ -81.975004
 Location: BRUSHY CREEK NEAR INGALLS NC INACT-750402
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108071300.00 RF3 Mile Point: 0.40
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): E7300000 /FRB054
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/71-04/02/75	7	8.	8.971	16.	1.	28.872	5.373	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/16/74-04/02/75	3	85.	75.	90.	50.	475.	21.794	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/16/74-04/02/75	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/02/75-04/02/75	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/74-01/16/74	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	4	11.6	11.225	12.1	9.6	1.336	1.156	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/13/71-04/02/75	6	89.5	88.333	100.	73.	106.667	10.328	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/28/71-04/02/75	6	6.5	6.467	6.8	6.	0.083	0.288	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/28/71-04/02/75	6	6.5	6.382	6.8	6.	0.091	0.302	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/71-04/02/75	6	0.316	0.415	1.	0.158	0.096	0.31	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/28/71-04/02/75	6	12.5	13.833	18.	11.	8.567	2.927	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/71-04/02/75	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/12/72-01/16/74	2	58.5	58.5	64.	53.	60.5	7.778	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-01/16/74	2	18.	18.	22.	14.	32.	5.657	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-01/16/74	2	40.5	40.5	42.	39.	4.5	2.121	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/28/71-01/27/75	5	8.	11.	20.	7.	31.5	5.612	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/28/71-01/27/75	5	6.	5.2	8.	2.	6.7	2.588	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/28/71-01/16/74	4	5.5	7.	12.	5.	11.333	3.367	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	01/16/74-01/27/75	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/02/75-04/02/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/02/75-04/02/75	1 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/02/75-04/02/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-01/13/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0173

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	4	0.67	1	1	1.00	3	2	0.67	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0173

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0174

NPS Station ID: BLRI0174 LAT/LON: 35.941670/ -81.991670
 Location: BRUSHY CREEK AT INGALLS NC INACT-750402
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108026 RF1 Mile Point: 13.780
 RF3 Index: 06010108071100.00 RF3 Mile Point: 1.87
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): E7400000 /FRB054A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.80
 Distance from RF3: 0.14

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/71-06/12/72	3	17.	13.333	20.	3.	82.333	9.074	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/72-06/12/72	1	8.8	8.8	8.8	0.	0.	**	**	**	**	
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/28/71-06/12/72	3	87.	87.667	96.	80.	64.333	8.021	**	**	**	**
00400	PH (STANDARD UNITS)	01/28/71-06/12/72	3	5.6	5.467	6.1	4.7	0.503	0.709	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/28/71-06/12/72	3	5.6	5.111	6.1	4.7	0.694	0.833	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/71-06/12/72	3	2.512	7.753	19.953	0.794	112.362	10.6	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/28/71-06/12/72	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/71-06/12/72	2	0.	0.	0.	0.	0.	**	**	**	**	
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	01/28/71-09/13/71	2	53.	53.	56.	50.	18.	4.243	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	01/28/71-09/13/71	2	0.	0.	0.	0.	0.	**	**	**	**	
00500	RESIDUE, TOTAL (MG/L)	09/13/71-06/12/72	2	3492.5	3492.5	6400.	585.	1690712.5	4111.826	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/13/71-06/12/72	2	387.	387.	694.	80.	188498.	434.164	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/13/71-06/12/72	2	3107.5	3107.5	5710.	505.	13546012.5	3680.491	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/28/71-06/12/72	3	457.	1862.333	4830.	300.	6611446.333	2571.273	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/28/71-06/12/72	3	58.	190.667	473.	41.	59856.333	244.656	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/28/71-06/12/72	3	399.	1672.667	4360.	259.	5421220.333	2328.351	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0174

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00						1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0175

NPS Station ID: BLRI0175 LAT/LON: 35.973615/ -81.998615
 Location: THREE MILE CK @ SR1106 NEAR INGALLS INACT-750402
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108026 RF1 Mile Point: 21.460
 RF3 Index: 06010108002622.05 RF3 Mile Point: 22.04
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): E7100000 /FRB053A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-04/02/75	7	16.	14.857	22.	1.	48.143	6.939	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	4	62.5	62.5	100.	25.	1041.667	32.275	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	4	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
00065	STAGE, STREAM (FEET)	06/19/73-04/02/75	4	10.26	8.255	10.39	2.11	16.786	4.097	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-08/16/73	3	6.4	7.767	11.	5.9	7.903	2.811	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	5	9.4	9.54	11.8	7.8	2.068	1.438	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-04/02/75	7	94.	94.429	109.	82.	116.286	10.784	**	**	**	**
00400	PH (STANDARD UNITS)	01/27/71-04/02/75	7	7.2	6.914	7.6	5.7	0.575	0.758	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/27/71-04/02/75	7	7.2	6.365	7.6	5.7	0.927	0.963	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/71-04/02/75	7	0.063	0.432	1.995	0.025	0.524	0.724	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/71-04/02/75	7	13.	14.	19.	11.	7.333	2.708	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/71-04/02/75	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	01/27/71-01/27/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	01/27/71-01/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/12/72-04/02/75	2	94.5	94.5	123.	66.	1624.5	40.305	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-04/02/75	2	37.5	37.5	48.	27.	220.5	14.849	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-04/02/75	2	57.	57.	75.	39.	648.	25.456	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	19.5	22.	40.	9.	188.667	13.736	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	6.5	7.	11.	4.	8.667	2.944	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-04/02/75	4	13.	15.	29.	5.	118.	10.863	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	04/02/75-04/02/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0175

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00			3	0	0.00			
00400	PH	Other-Hi Lim.	9.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00		
		Other-Lo Lim.	6.5	7	2	0.29	3	1	0.33	1	1	1.00	3	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0176

NPS Station ID: BLRI0176
 Location: U.S. HWY 19 BRIDGE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2330 5050
 RMI-Miles: 0953.80 0046.50 652.10 069.10 110.80 042.40
 HUC: 06010108
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: NORTH TOE RIVER 42.4
 RF1 Index: 06010108
 RF3 Index: 06010108002626.85
 Description:

LAT/LON: 35.945559/ -82.005559

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 28.72

Agency: 131TVAC
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): 360107 /5359
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.10
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/67-10/18/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/67-10/18/67	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/18/67-10/18/67	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/67-10/18/67	1	41000.	41000.	41000.	41000.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	10/18/67-10/18/67	1	4.613	4.613	4.613	4.613	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	10/18/67-10/18/67	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/67-10/18/67	1	3.851	3.851	3.851	3.851	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/67-10/18/67	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/67-10/18/67	1	3.851	3.851	3.851	3.851	0.	0.	**	**	**	**
31616 GEOMETRIC MEAN =			7100.	7100.	7100.	7100.						

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0176

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0177

NPS Station ID: BLRI0177 LAT/LON: 35.919448/ -82.006671
 Location: NORTH TOE RIVER NEAR ALTPASS NC INACT-750402
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108026 RF1 Mile Point: 10.930
 RF3 Index: 06010108001401.33 RF3 Mile Point: 7.88
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): E7500000 /FRB055
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-04/02/75	15	10.	12.767	24.	5.	44.388	6.662	5.6	6.	20.	22.2
00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	13	50.	49.	100.	0.	1226.333	35.019	0.8	20.	77.5	96.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	13	0.	0.192	1.	0.	0.147	0.384	0.	0.	0.25	1.
00065	STAGE, STREAM (FEET)	06/19/73-10/31/74	10	4.385	3.997	4.88	2.01	1.13	1.063	2.015	3.553	4.655	4.877
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-10/31/74	10	12.5	15.04	29.	3.5	83.485	9.137	3.72	8.325	26.25	28.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/74-01/23/74	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/20/71-04/02/75	14	10.3	10.25	11.8	8.4	1.587	1.26	8.4	9.175	11.35	11.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-04/02/75	9	93.	96.556	113.	85.	71.778	8.472	85.	92.	103.5	113.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/71-01/27/75	14	6.75	6.829	7.7	6.2	0.224	0.473	6.2	6.4	7.225	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/20/71-01/27/75	14	6.747	6.63	7.7	6.2	0.266	0.516	6.2	6.4	7.225	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/71-01/27/75	14	0.179	0.235	0.631	0.02	0.043	0.208	0.026	0.06	0.398	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/71-01/27/75	14	11.5	11.714	17.	7.	6.527	2.555	8.	10.	14.	15.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/71-01/27/75	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/07/74-07/30/74	7	74.	111.857	363.	55.	12374.81	111.242	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/16/74-07/30/74	3	17.	14.	21.	4.	79.	8.888	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/16/74-07/30/74	3	64.	60.	70.	46.	156.	12.49	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/71-01/27/75	5	28.	25.4	40.	9.	134.8	11.61	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/13/71-01/27/75	5	4.	5.4	11.	2.	13.3	3.647	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/13/71-07/30/74	4	23.5	20.5	29.	6.	100.333	10.017	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	01/07/74-01/27/75	6 ##	0.05	0.059	0.1	0.005	0.001	0.036	**	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	06/19/73-07/30/74	5 ##	0.05	0.041	0.05	0.005	0.	0.02	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/02/75-04/02/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	01/23/74-01/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-01/13/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0177

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0177

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	8	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00	8	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	14	4	0.29	5	2	0.40	8	2	0.25	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0178

NPS Station ID: BLRI0178 LAT/LON: 35.970837/ -82.011116
 Location: THREE MILE CK @ US 19E NEAR INGALLS INACT-750402
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108026 RF1 Mile Point: 21.220
 RF3 Index: 06010108071300.00 RF3 Mile Point: 3.15
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37011 NORTH CAROLINA/AVERY
 STORET Station ID(s): E7200000 /FRB053B
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0178

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/71-04/02/75	7	15.	14.714	21.	1.	46.905	6.849	**	**	**
00032	CLOUD COVER (PERCENT)	06/19/73-04/02/75	4	80.	71.25	100.	25.	1306.25	36.142	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/02/75	4	0.	0.125	0.5	0.	0.063	0.25	**	**	**
00065	STAGE, STREAM (FEET)	06/19/73-04/02/75	4	16.55	12.745	16.74	1.14	59.865	7.737	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-08/16/73	3	13.	10.867	13.	6.6	13.653	3.695	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/02/75	5	9.4	9.48	12.	7.7	2.467	1.571	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/27/71-04/02/75	7	93.	93.571	111.	82.	122.619	11.073	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/02/75-04/02/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	01/27/71-04/02/75	7	6.4	6.657	7.5	6.1	0.356	0.597	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/27/71-04/02/75	7	6.4	6.424	7.5	6.1	0.42	0.648	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/71-04/02/75	7	0.398	0.377	0.794	0.032	0.085	0.291	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/71-04/02/75	7	11.	11.286	17.	8.	8.571	2.928	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/71-04/02/75	7	0.	0.	0.	0.	0.	0.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/12/72-06/12/72	1	82.	82.	82.	82.	0.	0.	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-06/12/72	1	29.	29.	29.	29.	0.	0.	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-06/12/72	1	53.	53.	53.	53.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/71-06/12/72	3	19.	19.667	24.	16.	16.333	4.041	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/71-06/12/72	3	5.	4.667	6.	3.	2.333	1.528	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/27/71-06/12/72	3	16.	15.	18.	11.	13.	3.606	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/02/75-04/02/75	1	50.	50.	50.	50.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/02/75-04/02/75	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			50.							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----				
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	7	4	0.57	3	2	0.67	1	1	1.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0179

NPS Station ID: BLRI0179
 Location: NORTH TOE RIVER AT ALTAPASS, N. C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108026
 RF3 Index: 06010108002600.49
 Description:

LAT/LON: 35.899726/ -82.030560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 8.480
 RF3 Mile Point: 0.70

Agency: 112WRD
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): 03462000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.40
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-09/27/72	18	14.75	13.828	22.	4.6	38.45	6.201	5.86	8.075	21.	21.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/14/70-09/27/72	7	18.	15.743	27.	2.	102.756	10.137	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/25/68-05/14/73	21	173.	219.762	440.	66.	14287.19	119.529	71.	128.	329.	392.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/56-10/10/57	3	235.	226.	326.	117.	10981.	104.79	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/23/56-05/14/73	12	5.	7.75	23.	0.	37.841	6.151	0.9	5.	10.	20.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/56-05/14/73	24	35.5	35.458	44.	28.	17.563	4.191	30.	32.	38.	41.5
00300	OXYGEN, DISSOLVED MG/L	06/25/68-09/27/72	15	10.2	9.92	13.3	3.	6.739	2.596	5.76	8.6	11.5	13.24
00400	PH (STANDARD UNITS)	10/23/56-05/14/73	22	6.9	7.077	8.4	6.2	0.569	0.755	6.23	6.4	7.65	8.34
00400	CONVERTED PH (STANDARD UNITS)	10/23/56-05/14/73	22	6.855	6.661	8.4	6.2	0.751	0.866	6.23	6.4	7.65	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/56-05/14/73	22	0.139	0.218	0.631	0.004	0.047	0.217	0.005	0.023	0.398	0.592
00405	CARBON DIOXIDE (MG/L AS CO2)	11/15/72-05/14/73	3	7.6	7.367	8.1	6.4	0.763	0.874	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/30/68-05/14/73	10	9.5	9.3	12.	6.	4.9	2.214	6.1	7.	11.25	12.
00440	BICARBONATE ION (MG/L AS HCO3)	10/23/56-05/14/73	12	11.5	11.5	16.	7.	10.818	3.289	7.	8.25	14.75	15.7
00445	CARBONATE ION (MG/L AS CO3)	07/30/68-05/14/73	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/14/73-05/14/73	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/15/72-03/27/73	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/14/73-05/14/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/68-09/28/71	6	0.01	0.015	0.05	0.	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/72-05/14/73	3	0.01	0.012	0.021	0.005	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/56-05/14/73	12	11.	10.833	13.	8.	2.333	1.528	8.3	10.	12.	12.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/23/56-05/14/73	12	1.5	1.75	4.	0.	2.205	1.485	0.	0.25	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/56-05/14/73	12	2.8	2.758	3.3	2.1	0.139	0.373	2.13	2.5	3.05	3.27
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/23/56-05/14/73	12	0.9	0.975	1.2	0.7	0.027	0.166	0.73	0.9	1.175	1.2
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/23/56-05/14/73	12	1.95	1.967	2.8	1.	0.268	0.518	1.09	1.65	2.425	2.71
00931	SODIUM ADSORPTION RATIO	07/30/68-05/14/73	9	0.3	0.278	0.3	0.2	0.002	0.044	0.2	0.25	0.3	0.3
00932	SODIUM, PERCENT	07/30/68-05/14/73	9	28.	28.444	32.	26.	4.028	2.007	26.	27.	30.	32.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/56-05/14/73	12	0.7	0.8	1.6	0.4	0.118	0.344	0.43	0.6	1.05	1.48
00940	CHLORIDE, TOTAL IN WATER MG/L	10/23/56-05/14/73	12	2.	2.208	4.	0.5	1.248	1.117	0.65	1.25	3.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/56-05/14/73	12	2.5	2.592	6.	0.2	2.568	1.603	0.41	1.25	3.75	5.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/56-05/14/73	12	0.1	0.079	0.2	0.	0.005	0.072	0.	0.	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/23/56-05/14/73	12	9.45	9.158	11.	6.	1.615	1.271	6.6	8.6	9.95	10.7
01045	IRON, TOTAL (UG/L AS FE)	10/23/56-10/10/57	3	0.	20.	60.	0.	1200.	34.641	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/30/68-03/27/73	8	15.5	47.375	265.	0.	7932.839	89.066	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/14/73-05/14/73	1	60.	60.	60.	60.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/30/68-05/14/73	9	0.02	0.034	0.15	0.	0.002	0.048	0.	0.	0.05	0.15
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/56-05/14/73	12	27.5	27.583	34.	23.	12.083	3.476	23.3	25.	29.75	33.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/30/68-05/14/73	9	28.	27.889	34.	20.	20.611	4.54	20.	24.	32.	34.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/30/68-05/14/73	9	12.3	15.3	29.	5.03	65.448	8.09	5.03	8.635	22.2	29.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/30/68-05/14/73	9	0.04	0.038	0.05	0.03	0.	0.007	0.03	0.03	0.04	0.05
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/23/56-10/10/57	3	1.5	1.467	2.4	0.5	0.903	0.95	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/30/68-03/27/73	8	0.95	1.138	2.2	0.5	0.411	0.641	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0179

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	1	0.07	4	1	0.25	6	0	0.00	5	0	0.00			
00400 PH	Other-Hi Lim.	9.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	22	10	0.45	6	3	0.50	10	5	0.50	6	2	0.33			
	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				2	0	0.00						
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Fresh Acute	860.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
	Drinking Water	250.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	4.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	44.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	8	0	0.00	4	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0180

NPS Station ID: BLRI0180 LAT/LON: 35.905560/ -82.044448
 Location: NORTH TOE RIVER SPRUCE PINE NC INACT-750402
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108026 RF1 Mile Point: 7.580
 RF3 Index: 06010108075500.00 RF3 Mile Point: 0.04
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): E7600000 /FRB056
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-04/03/75	10	17.	16.3	25.	39.122	6.255	4.5	12.	21.	24.6
00032	CLOUD COVER (PERCENT)	06/19/73-04/03/75	7	25.	50.	100.	2225.	47.17	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/03/75	7	0.	0.087	0.5	0.034	0.186	**	**	**	**
00065	STAGE, STREAM (FEET)	06/27/74-06/27/74	1	0.1	0.1	0.1	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/73-10/31/74	4	13.	14.35	29.	120.357	10.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/20/71-04/03/75	9	9.4	9.667	12.6	1.857	1.363	8.3	8.45	10.3	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/20/71-04/03/75	9	93.	96.667	111.	86.	66.5	86.	91.5	104.5	111.
00400	PH (STANDARD UNITS)	07/20/71-04/03/75	10	6.75	6.98	8.	6.3	0.382	6.31	6.4	7.625	7.97
00400	CONVERTED PH (STANDARD UNITS)	07/20/71-04/03/75	10	6.747	6.696	8.	6.3	0.471	6.31	6.4	7.625	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/71-04/03/75	10	0.179	0.201	0.501	0.01	0.033	0.181	0.011	0.024	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/20/71-04/03/75	10	11.5	12.1	15.	11.	2.1	1.449	11.	11.	13.25
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/20/71-04/03/75	9	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	06/12/72-06/27/74	2	84.5	84.5	90.	79.	60.5	7.778	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/12/72-06/27/74	2	29.5	29.5	33.	26.	24.5	4.95	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/12/72-06/27/74	2	55.	55.	64.	46.	162.	12.728	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/71-04/03/75	5	26.	28.6	58.	12.	309.8	17.601	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/13/71-04/03/75	5	7.	7.6	13.	4.	11.3	3.362	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/13/71-04/03/75	4	21.5	24.75	45.	11.	210.917	14.523	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/27/74-04/03/75	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	06/19/73-06/27/74	4 ##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/13/71-06/27/74	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0180

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	9.	10	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00			
		6.5	10	3	0.30	4	2	0.50	2	0	0.00	4	1	0.25			
71900	MERCURY, TOTAL	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0181

NPS Station ID: BLRI0181
 Location:
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2330 5050
 RMI-Miles: 0953.80 0046.50 652.10 069.10 110.80 035.04
 HUC: 06010108
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: NORTH TOE RIVER 35.04
 RF1 Index: 06010108026
 RF3 Index: 06010108002800.00
 Description:

LAT/LON: 35.905281/ -82.045281

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 7.580
 RF3 Mile Point: 1.30

Agency: 131TVAC
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): 360104 /5356
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.07

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/68-09/08/75	18	15.6	13.856	26.1	0.6	65.303	8.081	1.86	5.3	20.875	23.31
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/10/68-09/08/75	17	180.	319.824	960.	41.	78310.404	279.84	49.	97.5	517.5	790.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/10/68-09/08/75	17	7.4	13.941	50.	1.6	201.248	14.186	2.08	3.65	25.5	38.
00080	COLOR (PLATINUM-COBALT UNITS)	01/10/68-09/08/75	15	15.	14.8	25.	6.	45.6	6.753	6.6	10.	20.	25.
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	01/13/75-09/08/75	9	33.	43.444	140.	10.	1676.528	40.945	10.	16.	60.	140.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/68-09/08/75	15	36.	35.267	56.	28.	46.495	6.819	28.6	30.	37.	45.8
00300	OXYGEN, DISSOLVED MG/L	01/10/68-09/08/75	18	9.2	9.722	12.8	7.2	2.919	1.709	7.92	8.375	11.35	12.71
00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/68-05/12/75	7	1.2	1.157	2.1	0.5	0.32	0.565	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/13/75-09/08/75	9	5.	7.	18.	3.	23.5	4.848	3.	3.5	9.5	18.
00400	PH (STANDARD UNITS)	01/10/68-09/08/75	15	7.4	7.287	8.4	5.5	0.836	0.914	5.56	6.8	8.2	8.34
00400	CONVERTED PH (STANDARD UNITS)	01/10/68-09/08/75	15	7.4	6.365	8.4	5.5	1.746	1.321	5.56	6.8	8.2	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/68-09/08/75	15	0.04	0.431	3.162	0.004	0.973	0.986	0.005	0.006	0.158	2.772
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/68-09/08/75	15	12.	16.8	89.	6.	416.314	20.404	6.	8.	16.	47.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/10/68-09/08/75	15	0.	0.067	1.	0.	0.067	0.258	0.	0.	0.	0.4
00500	RESIDUE, TOTAL (MG/L)	01/10/68-08/27/68	8	45.	52.5	100.	30.	621.429	24.928	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/10/68-08/27/68	8	30.	35.625	70.	5.	553.125	23.519	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/75-09/08/75	9	11.	14.556	42.	3.	230.778	15.191	3.	4.	26.	42.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/10/68-09/08/75	15	0.13	0.22	0.68	0.04	0.039	0.198	0.064	0.09	0.26	0.662
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/10/68-09/08/75	15	0.01	0.022	0.06	0.005	0.	0.022	0.005	0.005	0.04	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/10/68-07/31/68	6###	0.008	0.009	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/10/68-07/31/68	6	0.175	0.24	0.49	0.11	0.021	0.146	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/75-09/08/75	9	0.29	0.341	0.54	0.18	0.018	0.134	0.18	0.215	0.465	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/10/68-09/08/75	15	0.039	0.041	0.13	0.01	0.001	0.033	0.01	0.01	0.059	0.095
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/68-09/08/75	14	0.015	0.017	0.046	0.005	0.	0.012	0.005	0.007	0.022	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/10/75-08/11/75	3	1.8	1.533	2.4	0.4	1.053	1.026	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/10/68-09/08/75	14	2.	2.089	4.	0.25	1.227	1.108	0.625	1.	3.	3.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/10/68-09/08/75	14	0.95	0.957	1.5	0.5	0.095	0.308	0.5	0.725	1.2	1.4
00929	SODIUM, TOTAL (MG/L AS Na)	01/10/68-09/08/75	14	1.85	2.107	4.6	1.	1.093	1.045	1.	1.45	2.5	4.25
00937	POTASSIUM, TOTAL MG/L AS K)	01/10/68-09/08/75	14	0.8	1.029	2.9	0.4	0.468	0.684	0.5	0.6	1.1	2.5
00940	CHLORIDE, TOTAL IN WATER MG/L	01/10/68-09/08/75	15	2.	2.467	4.	1.	0.552	0.743	1.6	2.	3.	3.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/68-09/08/75	15	2.	2.333	6.	0.5	2.631	1.622	0.5	1.	3.	5.4
00951	FLUORIDE, TOTAL (MG/L AS F)	03/13/68-09/08/75	13###	0.05	0.065	0.21	0.01	0.002	0.047	0.026	0.05	0.065	0.162
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/17/75-09/08/75	7	8.1	8.871	11.	5.3	4.846	2.201	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	01/10/68-02/10/75	8	6.7	7.213	10.	5.8	2.124	1.457	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/10/75-08/11/75	3###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/10/75-08/11/75	3###	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/10/75-08/11/75	3###	5.	5.	5.	5.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	02/10/75-08/11/75	3###	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01027	CADMIUM, TOTAL (UG/L AS CD)	02/10/75-08/11/75	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/10/75-08/11/75	3##	2.5	2.5	2.5	0.	0.	**	**	**	**	
01042	COPPER, TOTAL (UG/L AS CU)	01/10/68-08/11/75	8##	7.5	65.	450.	5.	24242.857	155.701	**	**	**	
01045	IRON, TOTAL (UG/L AS FE)	01/10/68-09/08/75	14	535.	867.857	3200.	140.	846679.67	920.152	160.	242.5	1202.5	2700.
01046	IRON, DISSOLVED (UG/L AS FE)	01/10/68-09/08/75	15	120.	136.	340.	25.	8079.286	89.885	25.	90.	170.	316.
01047	IRON, FERROUS (UG/L AS FE)	01/10/68-07/31/68	6	75.	79.167	150.	25.	2104.167	45.871	**	**	**	
01051	LEAD, TOTAL (UG/L AS PB)	02/10/75-08/11/75	3##	5.	10.	20.	5.	75.	8.66	**	**	**	
01055	MANGANESE, TOTAL (UG/L AS MN)	01/10/68-09/08/75	15	50.	65.333	230.	20.	3240.952	56.929	20.	30.	70.	188.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/10/68-09/08/75	15	20.	29.333	160.	5.	1431.667	37.837	5.	10.	30.	88.
01067	NICKEL, TOTAL (UG/L AS NI)	02/10/75-08/11/75	3##	25.	25.	25.	25.	0.	0.	**	**	**	
01077	SILVER, TOTAL (UG/L AS AG)	02/10/75-08/11/75	3##	5.	5.	5.	5.	0.	0.	**	**	**	
01092	ZINC, TOTAL (UG/L AS ZN)	01/10/68-08/11/75	8	35.	80.625	330.	5.	12510.268	111.849	**	**	**	
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/10/75-08/11/75	3	300.	313.333	540.	100.	48533.333	220.303	**	**	**	
01132	LITHIUM, TOTAL (UG/L AS LI)	02/10/75-08/11/75	3##	5.	5.	5.	5.	0.	0.	**	**	**	
01147	SELENIUM, TOTAL (UG/L AS SE)	02/10/75-08/11/75	3##	1.	1.	1.	1.	0.	0.	**	**	**	
01152	TITANIUM, TOTAL (UG/L AS TI)	02/10/75-08/11/75	3##	500.	500.	500.	500.	0.	0.	**	**	**	
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/10/68-05/12/75	10	2850.	9115.	35000.	50.	122624472.222	11073.593	185.	1850.	15500.	33200.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/10/68-05/12/75	10	3.452	3.541	4.544	1.699	0.655	0.81	1.844	3.262	4.19	4.513
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/10/68-05/12/75	10	3.452	3.541	4.544	1.699	0.655	0.81	1.844	3.262	4.19	4.513
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/68-05/12/75	9	200.	554.444	2900.	50.	836552.778	914.633	50.	65.	660.	2900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/68-05/12/75	9	2.301	2.355	3.462	1.699	0.351	0.592	1.699	1.801	2.81	3.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/10/68-05/12/75	9	2.301	2.355	3.462	1.699	0.351	0.592	1.699	1.801	2.81	3.462
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	01/10/68-09/08/75	13	9.	9.231	15.	4.	12.359	3.516	4.	6.	12.	14.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/13/75-09/08/75	9	30.	34.444	50.	20.	102.778	10.138	20.	30.	45.	50.
71900	MERCURY, TOTAL (UG/L AS HG)	02/10/75-08/11/75	3##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0181

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	17	1	0.06	6	0	0.00	5	1	0.20	6	0	0.00			
00300	OXYGEN, DISSOLVED	4.	18	0	0.00	7	0	0.00	5	0	0.00	6	0	0.00			
00400	PH	9.	15	0	0.00	4	0	0.00	5	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	15	2	0.13	4	1	0.25	5	0	0.00	6	1	0.17			
00615	NITRITE NITROGEN, TOTAL AS N	1.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	15	0	0.00	4	0	0.00	5	0	0.00	6	0	0.00			
	Fresh Acute	250.	15	0	0.00	4	0	0.00	5	0	0.00	6	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	15	0	0.00	4	0	0.00	5	0	0.00	6	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	13	0	0.00	4	0	0.00	3	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	2000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	18.	8	3	0.38	2	2	1.00	3	0	0.00	3	1	0.33			
	Fresh Acute	1300.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	15.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
01067	NICKEL, TOTAL	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	4.1	0 &	0	0.00												
	Fresh Acute	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	120.	8	2	0.25	2	1	0.50	3	0	0.00	3	1	0.33			
	Fresh Acute	5000.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0181

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01147 SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	10	9	0.90	4	4	1.00	2	2	1.00	4	3	0.75			
	Other-Hi Lim.	200.	9	5	0.56	4	2	0.50	2	2	1.00	3	1	0.33			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0182

NPS Station ID: BLRI0182
 Location: ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin:
 Minor Basin:
 RF1 Index: 03050101
 RF3 Index: 03050101006003.03

LAT/LON: 35.815560/ -82.050281

Depth of Water: 0
 Elevation: 445
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.02

Agency: 12NSS
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 2A07808L /2AS2A07808L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.13

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0182

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/85-07/10/85	4	10.3	11.9	20.	7.	38.84	6.232	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/20/85-07/10/85	4	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/20/85-07/10/85	4	7.5	8.75	15.	5.	22.917	4.787	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/85-07/10/85	4	26.	27.	31.	25.	7.333	2.708	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/85-07/10/85	4	10.15	9.675	11.2	7.2	3.049	1.746	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/20/85-07/10/85	4	7.	6.975	7.3	6.6	0.109	0.33	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/20/85-07/10/85	4	6.955	6.884	7.3	6.6	0.12	0.347	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/85-07/10/85	4	0.111	0.131	0.251	0.05	0.009	0.094	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/20/85-07/10/85	4	169.1	170.85	215.9	129.3	1276.437	35.727	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/20/85-07/10/85	4	8.5	8.75	12.	6.	6.25	2.5	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/85-07/10/85	4	0.026	0.031	0.048	0.023	0.	0.012	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/20/85-07/10/85	4	0.6	0.55	0.7	0.3	0.03	0.173	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/20/85-07/10/85	4	2.1	2.25	3.	1.8	0.33	0.574	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/20/85-07/10/85	4	2.1	2.125	2.4	1.9	0.049	0.222	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/20/85-07/10/85	4	0.8	0.825	0.9	0.8	0.002	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/20/85-07/10/85	4	1.5	1.448	1.59	1.2	0.03	0.173	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/20/85-07/10/85	4	0.57	0.6	0.72	0.54	0.007	0.081	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/20/85-07/10/85	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/20/85-07/10/85	4	1.95	2.15	3.	1.7	0.35	0.592	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/20/85-07/10/85	4	0.03	0.028	0.03	0.02	0.	0.005	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/20/85-07/10/85	4	9.9	9.35	11.3	6.3	4.677	2.163	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/20/85-07/10/85	4	1.15	1.575	4.	0.	2.922	1.71	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/20/85-07/10/85	4	66.5	70.5	126.	23.	2493.667	49.937	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/20/85-07/10/85	4	0.8	0.875	1.4	0.5	0.143	0.377	**	**	**	**
71885	IRON (UG/L AS FE)	03/20/85-07/10/85	4	12.99	14.738	24.98	7.99	62.848	7.928	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/20/85-07/10/85	4	1460.	1460.	1460.	1460.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/20/85-07/10/85	4	1.	1.4	3.3	0.3	1.773	1.332	**	**	**	**
83509	STREAM, WIDTH METER	03/20/85-07/10/85	4	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0182

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	4	3	0.75	1	0	0.00	1	1	1.00	2	2	1.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0183

NPS Station ID: BLRI0183 LAT/LON: 35.887504/ -82.060004
 Location: GRASSY CREEK NEAR SPRUCE PINE NC INACT-750403
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108002607.19 RF3 Mile Point: 8.89
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): E7700000 /FRB057
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/72-04/03/75	7	18.	14.571	20.	6.	35.952	5.996	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/19/73-04/03/75	6	17.5	35.833	100.	0.	1604.167	40.052	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/19/73-04/03/75	6	0.	0.085	0.5	0.	0.041	0.203	**	**	**	**
00065	STAGE, STREAM (FEET)	06/19/73-10/31/74	4	7.685	6.068	7.81	1.09	11.024	3.32	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/31/74-10/31/74	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/72-04/03/75	7	10.1	10.1	12.	8.	1.68	1.296	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/12/72-04/03/75	6	95.5	95.833	113.	83.	145.367	12.057	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/75-04/03/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/12/72-04/03/75	7	7.1	7.186	8.	6.2	0.365	0.604	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/12/72-04/03/75	7	7.1	6.835	8.	6.2	0.509	0.713	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/72-04/03/75	7	0.079	0.146	0.631	0.01	0.048	0.219	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/12/72-04/03/75	7	13.	14.143	24.	10.	21.143	4.598	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/12/72-04/03/75	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/75-01/27/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/27/75-01/27/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	01/27/75-01/27/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/70-06/08/70	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/70-06/08/70	1	3.806	3.806	3.806	3.806	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			6400.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-04/03/75	6	150.	212.5	460.	5.	33117.5	181.982	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-04/03/75	6	2.167	2.051	2.663	0.699	0.513	0.716	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			112.589								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0183

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00		1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	3
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00	2	0	0.00	3
		Other-Lo Lim.	6.5	7	1	0.14	2	0	0.00	2	0	0.00	3
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00						1	1
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	2	0.33	2	2	1.00			4	0

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0184

NPS Station ID: BLRI0184 LAT/LON: 35.808337/ -82.061115
 Location: ARMSTRONG CR @ HWY 226A N SEVIER INACT-730926
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA
 RF1 Index: 03050101 RF1 Mile Point: 0.000
 RF3 Index: 03050101005805.98 RF3 Mile Point: 6.59
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): C0370000 /CTB009A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-09/26/73	9	17.	15.778	20.	5.	25.944	5.094	5.	13.	19.5	20.
00032	CLOUD COVER (PERCENT)	05/29/73-09/26/73	3	50.	50.	75.	25.	625.	25.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	05/29/73-09/26/73	3	0.	1.333	4.	0.	5.333	2.309	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/17/72-10/30/72	4	39.5	43.5	70.	25.	396.333	19.908	**	**	**	**
00065	STAGE, STREAM (FEET)	07/06/72-09/26/73	6	1.64	1.475	1.83	0.53	0.228	0.477	**	**	**	**
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/22/73-09/26/73	2	5.85	5.85	6.5	5.2	0.845	0.919	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/25/71-09/26/73	9	9.3	9.889	14.5	8.6	3.411	1.847	8.6	8.8	10.35	14.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-09/26/73	9	94.	97.333	113.	89.	65.	8.062	89.	93.	102.5	113.
00400	PH (STANDARD UNITS)	08/31/71-09/26/73	8	6.8	6.713	7.1	5.9	0.15	0.387	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/71-09/26/73	8	6.8	6.519	7.1	5.9	0.193	0.439	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/71-09/26/73	8	0.158	0.303	1.259	0.079	0.156	0.395	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-09/26/73	8	10.5	11.375	18.	8.	9.696	3.114	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/71-09/26/73	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	09/26/73-09/26/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/17/72-05/29/73	5	53.	61.8	100.	42.	591.7	24.325	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/17/72-05/29/73	5	26.	27.	44.	15.	112.5	10.607	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/17/72-05/29/73	5	27.	34.8	85.	15.	828.2	28.778	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/72-05/29/73	5	11.	16.6	39.	6.	181.3	13.465	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/72-05/29/73	5	5.	6.8	15.	4.	21.7	4.658	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/72-05/29/73	5	7.	9.8	24.	0.	89.2	9.445	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	01/25/71-09/26/73	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	05/29/73-09/26/73	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/10/72-10/30/72	2	14250.	14250.	22000.	6500.	120125000.	10960.155	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/10/72-10/30/72	2	4.078	4.078	4.342	3.813	0.14	0.374	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/10/72-10/30/72	2	11958.261	11958.261	11958.261	11958.261	11958.261	11958.261	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/72-08/22/73	4	105.	140.	340.	10.	20200.	142.127	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/72-08/22/73	4	2.009	1.887	2.531	1.	0.418	0.646	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/72-08/22/73	4	77.113	77.113	77.113	77.113	77.113	77.113	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/73-08/22/73	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/10/72-08/10/72	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0184

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	2	0	0.00	2	0	0.00										
00300	OXYGEN, DISSOLVED	4.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00				
00400	PH	9.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00				
		6.5	8	2	0.25	5	2	0.40	1	0	0.00	2	0	0.00				
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	2	2	1.00	1	1	1.00	1	1	1.00							
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	4	1	0.25	2	1	0.50	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL	2.4	1	0	0.00	1	0	0.00										
	Drinking Water	2.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0185

NPS Station ID: BLRI0185 LAT/LON: 35.893337/ -82.065003
 Location: GRASSY CREEK AT SPRUCE PINE NC INACT-750403
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108005001.05 RF3 Mile Point: 1.04
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37121 NORTH CAROLINA/MITCHELL
 STORET Station ID(s): E7800000 /FRB058
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 11.50
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0185

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	18.	14.857	20.	6.	35.476	5.956	**	**	**	**
00032	CLOUD COVER (PERCENT)	6	17.5	40.833	100.	0.	2164.167	46.521	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	6	0.	0.085	0.5	0.	0.041	0.203	**	**	**	**
00065	STAGE, STREAM (FEET)	4	11.85	9.143	11.96	0.91	30.129	5.489	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	9.8	9.971	12.1	8.	1.506	1.227	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	7	102.	97.143	107.	84.	89.476	9.459	**	**	**	**
00400	PH (STANDARD UNITS)	7	7.3	7.243	7.7	6.7	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	7.3	7.126	7.7	6.7	0.136	0.368	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.05	0.075	0.2	0.02	0.004	0.062	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	12.	23.429	91.	10.	891.286	29.854	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2	13.5	13.5	24.	3.	220.5	14.849	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	1	3.58	3.58	3.58	3.58	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C			3800.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	6	50.	136.667	360.	5.	29656.667	172.211	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	6	1.477	1.575	2.556	0.699	0.782	0.884	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			37.621								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0185

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00							
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0185

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31504 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	2	0.33	3	2	0.67				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Parameter Inventory for Station: BLRI0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	13 ##	5.	5.769	10.	5.	3.526	1.878	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-12/14/81	15 ##	5.	7.	10.	5.	6.429	2.535	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-12/14/81	15	50.	72.	180.	20.	2288.571	47.839	20.	30.	100.	150.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	13 ##	5.	9.231	20.	5.	41.026	6.405	5.	5.	15.	20.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	2.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-12/14/81	15 ##	5.	5.667	10.	5.	3.095	1.759	5.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	6.071	10.	5.	4.533	2.129	5.	5.	6.25	10.
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14 ##	5.	9.643	20.	5.	47.94	6.924	5.	5.	20.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	6.5	10.	5.	5.179	2.276	5.	5.	10.	10.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-12/14/81	14	100.	119.643	300.	25.	7421.016	86.145	25.	43.75	200.	250.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	48.214	100.	25.	621.566	24.931	25.	25.	50.	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0186

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	4.	17	0	0.00	4	0	0.00	9	0	0.00	4	0	0.00			
00400	PH	9.	21	0	0.00	6	0	0.00	11	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	21	7	0.33	6	2	0.33	11	4	0.36	4	1	0.25			
00615	NITRITE NITROGEN, TOTAL AS N	1.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	18.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	1300.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	18.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	1300.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0187

NPS Station ID: BLRI0187
 Location: BAD FORK INTAKE - ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101
 RF3 Index: 03050101010004.97
 Description:

LAT/LON: 35.796670/ -82.105004

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.46

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110506
 Within Park Boundary: No

Date Created: 06/24/78

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 22.70
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	57	9.	9.237	19.	0.	27.107	5.206	2.4	4.9	14.	16.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	66.	66.	66.	0.	0.	**	**	**	**	
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	53	11.	10.428	26.	-6.	60.627	7.786	5.	7.9	17.	20.6
00065	STAGE, STREAM (FEET)	02/10/78-11/14/83	37	1.16	1.351	3.32	0.9	0.277	0.527	1.	1.08	1.4	1.72
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	55	0.4	1.388	17.	0.05	7.995	2.827	0.16	0.2	0.8	5.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	42	12.	12.643	28.	1.	13.26	3.641	10.	11.75	14.	15.7
00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	46	10.55	10.872	14.3	8.	3.316	1.821	8.67	9.175	12.525	13.46
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.45	7.273	8.1	6.	0.281	0.53	6.42	6.9	7.625	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.45	6.922	8.1	6.	0.406	0.637	6.42	6.9	7.625	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	53	0.035	0.12	1.	0.008	0.034	0.183	0.013	0.024	0.126	0.381
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	39	3.	3.282	5.	2.	0.576	0.759	2.	3.	4.	4.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	40	2.	2.125	3.	1.	0.163	0.404	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	51	2.	11.012	122.	0.25	521.661	22.84	0.25	1.	7.	48.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	12.	9.16	17.	0.8	53.528	7.316	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	2.	3.4	10.	0.	15.8	3.975	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.05	0.089	0.27	0.05	0.004	0.06	0.05	0.05	0.13	0.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	40 ##	0.05	0.072	0.25	0.05	0.002	0.042	0.05	0.05	0.1	0.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	41	0.02	0.035	0.27	0.01	0.002	0.049	0.01	0.01	0.04	0.088
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-06/25/84	39	4.	3.872	6.	2.	0.641	0.801	3.	3.	4.	5.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	0.7	0.74	0.9	0.6	0.007	0.083	0.6	0.7	0.8	0.84
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	0.3	0.313	0.5	0.3	0.003	0.052	0.3	0.3	0.3	0.38
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	0.8	0.773	0.9	0.7	0.004	0.059	0.7	0.7	0.8	0.84
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	15	0.48	0.461	0.58	0.25	0.007	0.086	0.31	0.4	0.52	0.568
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.3	0.353	0.7	0.2	0.018	0.136	0.2	0.3	0.4	0.58
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	2.	1.75	3.	0.25	0.58	0.762	0.7	1.	2.	3.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
01007	BARIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	1 ##	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	41 ##	5.	6.341	10.	5.03	2.243	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	41	30.	44.634	130.	1114.238	33.38	10.	20.	65.	104.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14 ##	5.	6.071	10.	4.533	2.129	5.	5.	6.25	10.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	41 ##	5.	6.098	10.	4.39	2.095	5.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14 ##	5.	5.714	10.	3.297	1.816	5.	5.	5.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	6.333	10.	5.238	2.289	5.	5.	10.	10.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	40	100.	94.	300.	3298.974	57.437	27.5	50.	100.	200.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	53.571	100.	755.495	27.486	25.	25.	62.5	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0187

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	55	0	0.00	14	0	0.00	28	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	13	0	0.00	21	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	15	0	0.00	26	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	53	8	0.15	15	2	0.13	26	6	0.23	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
		Drinking Water	1300.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	15	15.	14.867	19.	9.2	6.872	2.622	10.88	13.	17.	18.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	11	13.	12.273	16.	1.	16.018	4.002	3.	12.	14.	15.8
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	7.31	7.95	6.3	0.266	0.516	6.39	6.95	7.75	7.95
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	6.987	7.95	6.3	0.378	0.615	6.39	6.95	7.75	7.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	15	0.035	0.103	0.501	0.011	0.022	0.148	0.011	0.018	0.112	0.413
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	4.	4.091	5.	3.	0.291	0.539	3.2	4.	4.	5.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	2.	2.091	3.	1.	0.291	0.539	1.2	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	16	3.	10.969	63.	0.25	346.807	18.623	0.25	2.	14.5	53.2
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.05	0.091	0.17	0.05	0.002	0.05	0.05	0.05	0.15	0.166
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	11	0.04	0.04	0.09	0.01	0.001	0.027	0.01	0.01	0.05	0.088
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	11 ##	5.	6.364	10.	5.	5.455	2.335	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	11	70.	72.273	130.	10.	1306.818	36.15	14.	50.	105.	126.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	11 ##	5.	6.818	10.	5.	6.364	2.523	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	30	5.	5.337	14.	0.	10.815	3.289	0.2	3.	8.	9.45
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	22	12.	12.5	28.	7.	14.738	3.839	10.	10.75	13.	14.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.25	7.135	8.	6.	0.322	0.568	6.355	6.538	7.6	7.83
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.25	6.784	8.	6.	0.45	0.671	6.355	6.537	7.6	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	26	0.056	0.164	1.	0.01	0.052	0.228	0.015	0.025	0.29	0.447
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	3.	2.947	4.	2.	0.386	0.621	2.	3.	3.	4.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	2.	2.158	3.	2.	0.14	0.375	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	25	2.	7.084	50.	0.25	179.356	13.392	0.25	0.25	6.	33.8
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.05	0.072	0.17	0.05	0.001	0.038	0.05	0.05	0.108	0.13
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	20 ##	0.01	0.018	0.06	0.01	0.	0.014	0.01	0.01	0.02	0.04
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	20 ##	5.	6.25	10.	5.	4.934	2.221	5.	5.	8.75	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	20	20.	28.75	120.	10.	631.25	25.125	10.	12.5	30.	58.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	20 ##	5.	5.25	10.	5.	1.25	1.118	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	12	12.5	11.95	15.8	6.	8.006	2.83	6.9	9.575	14.	15.56
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	9	14.	13.444	18.	8.	8.278	2.877	8.	12.	15.5	18.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.55	7.525	8.1	6.8	0.141	0.376	6.845	7.363	7.825	8.04
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.55	7.362	8.1	6.8	0.17	0.413	6.845	7.363	7.825	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	12	0.028	0.043	0.158	0.008	0.002	0.045	0.009	0.015	0.043	0.145
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	9	3.	3.	4.	2.	0.25	0.5	2.	3.	3.	4.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	10	2.	2.1	3.	2.	0.1	0.316	2.	2.	2.	2.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	10	2.	20.9	122.	1.	1690.322	41.114	1.	1.	22.25	116.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.05	0.119	0.27	0.05	0.009	0.094	0.05	0.05	0.228	0.268
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.003
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	10	0.02	0.064	0.27	0.01	0.008	0.087	0.01	0.01	0.12	0.258
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	10 ##	5.	6.5	10.	5.	5.833	2.415	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	10	40.	46.	90.	10.	671.111	25.906	11.	27.5	70.	88.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0188

NPS Station ID: BLRI0188 LAT/LON: 35.796116/ -82.110003
 Location: PUPS BRANCH INTAKE - ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101 RF1 Mile Point: 0.000
 RF3 Index: 03050101085100.80 RF3 Mile Point: 1.79

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110505
 Within Park Boundary: No

Date Created: 07/26/80

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 19.70
 Distance from RF3: 0.78

On/Off RF1:
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	57	9.5	9.709	19.2	0.	26.622	5.16	3.	5.	14.	16.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	53	13.	11.158	25.	-6.	52.401	7.239	2.4	8.	17.	19.6
00065	STAGE, STREAM (FEET)	12/14/81-03/12/84	19	1.	1.199	3.32	0.8	0.346	0.588	0.84	0.86	1.2	1.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	55	0.7	2.422	21.	0.05	20.793	4.56	0.2	0.3	1.4	7.58
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	42	26.5	25.952	43.	3.	46.534	6.822	18.6	23.	30.	32.
00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	46	10.65	10.693	14.6	7.8	3.727	1.931	8.14	9.15	11.85	13.53
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	7.259	8.15	6.2	0.214	0.463	6.57	6.925	7.55	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	6.993	8.15	6.2	0.287	0.535	6.57	6.925	7.55	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	53	0.04	0.102	0.631	0.007	0.019	0.137	0.016	0.028	0.119	0.27
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	39	10.	9.051	12.	5.	4.05	2.012	6.	7.	11.	12.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	40	2.	2.3	5.	2.	0.369	0.608	2.	2.	2.75	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	52	4.	14.269	121.	0.25	652.37	25.542	0.25	2.	9.75	49.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	7.	5.8	9.	2.	9.7	3.114	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	10.	9.	21.	2.	61.	7.81	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41	0.12	0.15	0.56	0.05	0.013	0.112	0.05	0.05	0.21	0.278
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	40 ##	0.05	0.08	0.42	0.05	0.004	0.067	0.05	0.05	0.108	0.149
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	41	0.1	0.108	0.29	0.01	0.004	0.065	0.022	0.06	0.145	0.196
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-06/25/84	39	10.	9.59	12.	7.	1.827	1.352	8.	9.	10.	12.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	2.2	2.2	2.7	1.8	0.087	0.295	1.8	2.	2.4	2.64
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	1.	0.987	1.2	0.8	0.016	0.125	0.8	0.9	1.1	1.2
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	1.3	1.28	1.5	1.1	0.019	0.137	1.1	1.2	1.4	1.5
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	15	0.75	0.703	0.86	0.46	0.018	0.135	0.484	0.56	0.83	0.854
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.5	0.487	0.8	0.3	0.023	0.151	0.3	0.4	0.6	0.74
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	3.	2.467	3.	1.	0.41	0.64	1.6	2.	3.	3.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
01007	BARIIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	1 ##	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14 ##	5.	5.714	10.	3.297	1.816	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	41 ##	5.	7.415	44.	39.549	6.289	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	41	70.	98.537	290.	6747.805	82.145	20.	30.	160.	240.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14 ##	5.	6.429	20.	17.033	4.127	5.	5.	5.	15.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	41 ##	5.	7.317	20.	10.122	3.182	5.	5.	10.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14 ##	5.	7.143	20.	18.132	4.258	5.	5.	10.	15.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	5.333	10.	1.667	1.291	5.	5.	5.	7.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	40	100.	136.5	300.	7765.641	88.123	50.	52.5	200.	300.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	66.429	200.	2278.571	47.734	25.	25.	100.	150.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0188

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	55	0	0.00	14	0	0.00	28	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	13	0	0.00	21	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	15	0	0.00	26	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	53	4	0.08	15	2	0.13	26	2	0.08	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	41	1	0.02	11	0	0.00	20	1	0.05	10	0	0.00			
		Drinking Water	1300.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	15	16.	15.34	19.2	10.4	6.228	2.496	11.54	13.	17.	19.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	11	30.	28.818	43.	3.	101.764	10.088	7.	26.	35.	41.6
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	7.23	7.8	6.2	0.261	0.511	6.32	6.75	7.55	7.77
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	6.91	7.8	6.2	0.371	0.609	6.32	6.75	7.55	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	15	0.035	0.123	0.631	0.016	0.031	0.176	0.017	0.028	0.178	0.491
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	11.	11.182	12.	10.	0.564	0.751	10.	11.	12.	12.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	2.	2.455	5.	2.	0.873	0.934	2.	2.	3.	4.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	15	6.	19.933	121.	1.	1123.495	33.519	2.8	4.	17.	90.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11	0.24	0.225	0.43	0.05	0.01	0.102	0.064	0.16	0.28	0.404
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	11	0.17	0.165	0.29	0.01	0.005	0.069	0.032	0.14	0.2	0.276
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	11 ##	5.	6.364	10.	5.	5.455	2.335	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	11	170.	178.182	290.	20.	7036.364	83.883	32.	140.	260.	290.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	11	10.	9.545	20.	5.	17.273	4.156	5.	5.	10.	18.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	30	5.5	5.757	14.	0.	9.586	3.096	1.2	3.875	8.	9.45
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	22	24.5	23.545	32.	12.	24.736	4.974	13.8	20.75	26.25	29.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.25	7.179	7.95	6.2	0.212	0.46	6.535	6.738	7.475	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.25	6.941	7.95	6.2	0.27	0.52	6.535	6.737	7.475	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	26	0.056	0.114	0.631	0.011	0.019	0.137	0.016	0.034	0.183	0.292
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	8.	7.895	11.	5.	3.099	1.761	5.	7.	10.	10.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	2.	2.158	3.	2.	0.14	0.375	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	25	2.	10.2	77.	0.25	359.776	18.968	0.25	0.375	8.5	39.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.05	0.117	0.56	0.05	0.014	0.119	0.05	0.05	0.163	0.218
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	20	0.075	0.073	0.14	0.01	0.001	0.038	0.021	0.04	0.098	0.138
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	20 ##	5.	8.2	44.	5.	75.853	8.709	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	20	30.	51.5	250.	10.	2939.737	54.219	10.	20.	67.5	108.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	20 ##	5.	6.	10.	5.	4.211	2.052	5.	5.	5.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	12	13.75	12.55	15.3	6.	7.683	2.772	7.08	10.65	14.75	15.21
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	9	30.	28.333	32.	20.	12.75	3.571	20.	27.	30.5	32.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.375	7.471	8.15	6.75	0.135	0.367	6.87	7.313	7.8	8.06
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.374	7.33	8.15	6.75	0.157	0.396	6.87	7.313	7.8	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	12	0.042	0.047	0.178	0.007	0.002	0.045	0.009	0.016	0.049	0.146
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	9	9.	8.889	10.	6.	2.111	1.453	6.	8.	10.	10.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	10	2.	2.4	3.	2.	0.267	0.516	2.	2.	3.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	12	4.5	15.667	95.	2.	726.242	26.949	2.	3.	21.	76.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10	0.12	0.134	0.24	0.05	0.005	0.068	0.05	0.088	0.195	0.24
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.003
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	10	0.11	0.118	0.24	0.01	0.004	0.061	0.017	0.087	0.143	0.234
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	10	90.	105.	190.	40.	3250.	57.009	41.	50.	160.	187.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	10 ##	7.5	7.5	10.	5.	6.944	2.635	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0189

NPS Station ID: BLRI0189
 Location: COW CREEK - ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101
 RF3 Index: 03050101010005.34

LAT/LON: 35.794448/ -82.118338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.34

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110504
 Within Park Boundary: No

Date Created: 06/24/78

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 20.60
 Distance from RF3: 0.17

On/Off RF1:
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	57	9.	9.761	19.	0.	26.353	5.134	3.5	5.45	14.	16.68
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	66.	66.	66.	0.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	53	12.	10.951	24.	-6.	56.606	7.524	3.2	8.95	17.	20.6
00065	STAGE, STREAM (FEET)	09/21/81-06/25/84	39	3.7	3.881	6.72	3.54	0.279	0.528	3.58	3.66	3.9	4.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	55	0.6	2.979	22.	0.05	27.957	5.287	0.2	0.3	1.7	12.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	42	30.	29.976	56.	3.	61.877	7.866	20.8	27.	33.	35.7
00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	47	10.9	10.989	14.6	8.2	3.853	1.963	8.68	9.2	12.	14.22
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	7.222	8.05	4.8	0.301	0.548	6.5	6.95	7.55	7.75
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	6.406	8.05	4.8	0.978	0.989	6.5	6.95	7.55	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	53	0.04	0.392	15.849	0.009	4.698	2.168	0.018	0.028	0.113	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	39	10.	10.051	13.	6.	3.26	1.806	8.	8.	12.	12.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	40	2.	2.25	4.	2.	0.295	0.543	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	50	5.5	24.847	220.	0.25	2435.475	49.351	0.275	2.	16.75	83.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	7.	8.8	22.	2.	59.7	7.727	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	2.	4.2	15.	1.	36.7	6.058	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41	0.18	0.179	0.61	0.05	0.014	0.116	0.05	0.05	0.235	0.328
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	40 ##	0.075	0.106	0.45	0.05	0.007	0.083	0.05	0.05	0.128	0.239
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	41	0.1	0.104	0.19	0.01	0.002	0.047	0.014	0.08	0.145	0.16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-06/25/84	39	11.	11.077	14.	9.	1.915	1.384	9.	10.	12.	13.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	2.7	2.76	3.4	1.8	0.183	0.427	2.1	2.5	3.1	3.34
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	1.	0.98	1.2	0.6	0.019	0.137	0.78	0.9	1.1	1.14
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	1.3	1.273	1.5	0.9	0.024	0.153	1.02	1.2	1.4	1.5
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	15	0.63	0.616	0.81	0.34	0.015	0.122	0.406	0.51	0.69	0.768
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.5	0.48	0.8	0.3	0.015	0.121	0.3	0.4	0.5	0.68
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	3.	3.	4.	2.	0.714	0.845	2.	2.	4.	4.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
01007	BARIIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	1	11.	11.	11.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14 ##	5.	5.357	10.	1.786	1.336	5.	5.	5.	7.5
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	41 ##	5.	5.976	10.	4.024	2.006	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	41	80.	118.78	305.	9117.226	95.484	12.	45.	205.	278.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14 ##	5.	5.714	10.	3.297	1.816	5.	5.	5.	10.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	41 ##	5.	7.195	10.	6.311	2.512	5.	5.	10.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14 ##	5.	6.071	10.	4.533	2.129	5.	5.	6.25	10.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	6.667	20.	16.667	4.082	5.	5.	5.	14.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	40	100.	124.875	320.	7577.548	87.049	50.	50.	200.	300.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	48.214	100.	621.566	24.931	25.	25.	50.	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0189

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim. 50.	55	0	0.00	14	0	0.00	28	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	47	0	0.00	13	0	0.00	22	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim. 9.	53	0	0.00	15	0	0.00	26	0	0.00	12	0	0.00			
		Other-Lo Lim. 6.5	53	6	0.11	15	4	0.27	26	2	0.08	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water 1.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water 10.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute 860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water 4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water 2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute 3.9	0 &	0	0.00												
		Drinking Water 5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water 100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute 18.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute 18.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
		Drinking Water 1300.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
01051	LEAD, TOTAL	Fresh Acute 82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute 4.1	0 &	0	0.00												
		Drinking Water 100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute 120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute 120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	15	16.	15.353	19.	10.2	6.194	2.489	11.58	13.	17.	18.76
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	11	34.	33.727	56.	3.	175.818	13.26	7.8	30.	37.	54.6
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.4	7.217	7.75	6.35	0.262	0.512	6.41	6.5	7.65	7.75
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.4	6.914	7.75	6.35	0.36	0.6	6.41	6.5	7.65	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	15	0.04	0.122	0.447	0.018	0.023	0.151	0.018	0.022	0.316	0.392
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	12.	12.091	13.	11.	0.491	0.701	11.	12.	13.	13.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	2.	2.182	3.	2.	0.164	0.405	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	15	6.	29.283	188.	0.25	2946.168	54.279	1.9	5.	9.	144.8
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11	0.21	0.203	0.37	0.05	0.007	0.082	0.066	0.15	0.26	0.348
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.004
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	11	0.13	0.124	0.17	0.01	0.002	0.046	0.026	0.11	0.16	0.17
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	11 ##	5.	5.909	10.	5.	4.091	2.023	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	11	210.	198.636	305.	50.	8960.455	94.66	56.	90.	290.	304.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	11	10.	8.636	10.	5.	5.455	2.335	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	30	6.	5.923	14.	0.	9.444	3.073	1.1	4.	8.075	9.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	22	27.5	27.091	32.	17.	17.42	4.174	18.3	26.	30.	31.7
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.25	7.104	7.95	4.8	0.399	0.632	6.445	6.75	7.513	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.247	6.148	7.95	4.8	1.35	1.162	6.445	6.75	7.512	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	26	0.057	0.712	15.849	0.011	9.549	3.09	0.02	0.031	0.178	0.387
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	9.	9.	12.	6.	2.333	1.528	7.	8.	10.	11.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	2.	2.105	3.	2.	0.099	0.315	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	23	3.	26.439	220.	0.25	3180.783	56.398	0.25	0.6	19.	133.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20	0.155	0.147	0.33	0.05	0.009	0.093	0.05	0.05	0.218	0.287
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	20	0.09	0.087	0.16	0.01	0.002	0.043	0.012	0.063	0.118	0.159
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	20 ##	5.	6.25	10.	5.	4.934	2.221	5.	5.	8.75	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	20	52.5	63.75	280.	10.	3639.145	60.325	10.	22.5	87.5	118.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	20 ##	5.	6.	10.	5.	4.211	2.052	5.	5.	5.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	12	12.9	12.367	16.1	4.	11.161	3.341	5.71	10.45	15.	15.77
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	9	33.	32.444	34.	30.	2.528	1.59	30.	31.	34.	34.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.425	7.483	8.05	7.05	0.072	0.267	7.08	7.363	7.663	7.96
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.424	7.414	8.05	7.05	0.077	0.277	7.08	7.363	7.663	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	12	0.038	0.039	0.089	0.009	0.001	0.022	0.012	0.022	0.043	0.084
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	9	10.	9.778	11.	8.	1.194	1.093	8.	9.	10.5	11.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	10	2.	2.6	4.	2.	0.711	0.843	2.	2.	3.25	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	12	5.	16.25	84.	1.	624.932	24.999	1.6	3.25	21.25	72.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10	0.17	0.218	0.61	0.05	0.03	0.172	0.05	0.088	0.328	0.584
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.001	0.001	0.004	0.001	0.	0.001	0.001	0.001	0.001	0.004
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	10	0.11	0.115	0.19	0.01	0.002	0.05	0.018	0.09	0.153	0.187
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	10	155.	141.	270.	10.	7810.	88.374	14.	57.5	215.	266.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	10	10.	8.	10.	5.	6.667	2.582	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0190

NPS Station ID: BLRI0190 LAT/LON: 35.792781/ -82.123337
 Location: UPPER RACEWAY OUTFALL - ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101 RF1 Mile Point: 0.000
 RF3 Index: 03050101010005.62 RF3 Mile Point: 5.65

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110503
 Within Park Boundary: No

Date Created: 06/24/78

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 18.60
 Distance from RF3: 0.08

On/Off RF1:
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-01/03/82	22	6.55	8.895	21.	0.	41.62	6.451	0.9	3.75	14.65	18.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	70.	70.	70.	0.	0.	**	**	**	**	
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-01/03/82	19	-3.	10.137	24.	-3.	54.556	7.386	4.	7.	15.2	21.9
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-01/03/82	19	0.7	1.4	6.3	0.2	2.382	1.543	0.3	0.5	1.4	3.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-01/03/82	21	29.	26.286	34.	3.	54.914	7.41	16.2	24.5	30.5	33.8
00300	OXYGEN, DISSOLVED MG/L	11/19/80-12/14/81	17	10.2	10.435	14.	7.3	4.639	2.154	7.38	8.7	12.6	13.28
00400	PH (STANDARD UNITS)	07/11/77-01/03/82	21	6.8	6.814	7.75	5.95	0.228	0.477	6.3	6.45	7.15	7.65
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-01/03/82	21	6.8	6.605	7.75	5.95	0.274	0.523	6.3	6.45	7.15	7.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-01/03/82	21	0.158	0.248	1.122	0.018	0.063	0.251	0.023	0.071	0.355	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-12/14/81	15	10.	9.667	12.	7.	2.095	1.447	7.6	8.	11.	11.4
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-12/14/81	16	2.5	2.688	4.	2.	0.629	0.793	2.	2.	3.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-01/03/82	23	4.	26.674	472.	0.25	9486.213	97.397	0.55	1.	8.	28.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	4	8.5	8.25	13.	3.	16.917	4.113	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	4	6.5	119.75	464.	2.	52682.917	229.528	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	15	0.58	0.533	0.94	0.05	0.06	0.245	0.14	0.3	0.73	0.88
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-12/14/81	15	0.002	0.002	0.002	0.001	0.	0.001	0.001	0.001	0.002	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-12/14/81	14	0.445	0.434	0.84	0.05	0.049	0.222	0.08	0.28	0.548	0.805
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-12/14/81	15	0.07	0.091	0.2	0.01	0.003	0.053	0.016	0.06	0.14	0.176
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-12/14/81	14	10.	9.929	12.	8.	1.302	1.141	8.5	9.	10.25	12.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	2.4	2.453	2.8	2.	0.078	0.28	2.	2.3	2.7	2.8
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	0.8	0.84	1.1	0.7	0.01	0.099	0.7	0.8	0.9	0.98
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	1.1	1.113	1.5	1.	0.018	0.136	1.	1.	1.2	1.32
00937	POTASSIUM, TOTAL MG/L AS K	07/11/77-12/14/81	15	0.55	0.548	0.81	0.27	0.02	0.141	0.342	0.48	0.59	0.804
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.5	0.487	1.	0.2	0.031	0.177	0.26	0.4	0.5	0.76
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	3.	2.787	4.	0.8	1.083	1.041	1.52	2.	4.	4.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15	##	0.05	0.053	0.1	0.05	0.013	0.05	0.05	0.05	0.07
01007	BARIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1	##	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1	##	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/11/77-07/11/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14 ##	5.	8.75	52.5	5.	160.337	12.662	5.	5.	5.	31.25
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-12/14/81	15 ##	5.	7.333	20.	5.	17.381	4.169	5.	5.	10.	14.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-12/14/81	15	50.	59.333	210.	10.	2378.095	48.766	16.	20.	60.	144.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14	10.	11.429	40.	5.	93.956	9.693	5.	5.	12.5	30.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	2.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-12/14/81	15 ##	5.	6.	10.	5.	4.286	2.07	5.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	5.714	10.	5.	3.297	1.816	5.	5.	5.	10.
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14 ##	7.5	8.214	20.	5.	17.72	4.209	5.	5.	10.	15.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	6.333	10.	5.	5.238	2.289	5.	5.	10.	10.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-12/14/81	14	60.	90.714	200.	25.	4110.989	64.117	25.	50.	125.	200.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	48.214	100.	25.	621.566	24.931	25.	25.	50.	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0190

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	4.	17	0	0.00	4	0	0.00	9	0	0.00	4	0	0.00			
00400	PH	9.	21	0	0.00	6	0	0.00	11	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	21	7	0.33	6	4	0.67	11	3	0.27	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	18.	13 &	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	18.	15	1	0.07	5	1	0.20	7	0	0.00	3	0	0.00			
	Fresh Acute	1300.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Fresh Acute	5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0191

NPS Station ID: BLRI0191
 Location: UPPER ARMSTRONG CREEK INTAKE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin: SOUTHEAST
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101
 RF3 Index: 03050101005702.08
 Description:

LAT/LON: 35.790004/ -82.127227

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.07

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110501
 Within Park Boundary: No

Date Created: 11/09/77

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	57	9.5	9.472	18.2	0.	25.225	5.022	3.	5.	14.	16.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	64.	64.	64.	0.	0.	**	**	**	**	
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	53	11.	10.038	24.	-7.	63.597	7.975	4.6	7.5	17.	20.
00065	STAGE, STREAM (FEET)	11/19/80-06/25/84	51	3.6	3.424	6.72	1.68	0.766	0.875	1.88	3.54	3.74	4.148
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	55	0.5	3.154	25.	0.05	40.747	6.383	0.2	0.3	1.5	14.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	42	25.	25.	38.	2.	42.585	6.526	18.2	22.	29.25	33.
00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	47	10.9	11.155	14.8	7.2	5.039	2.245	8.58	9.4	13.5	14.64
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	52	7.475	7.293	7.95	5.8	0.249	0.499	6.415	6.913	7.65	7.75
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	52	7.474	6.919	7.95	5.8	0.393	0.627	6.415	6.913	7.65	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	52	0.034	0.121	1.585	0.011	0.059	0.244	0.018	0.022	0.122	0.385
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	39	9.	8.333	12.	5.	3.281	1.811	6.	7.	10.	11.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	40	2.	2.24	5.	0.6	0.581	0.762	2.	2.	2.75	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	53	3.	20.094	199.	0.25	1796.315	42.383	0.25	2.	12.	94.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	6.	8.8	19.	3.	44.7	6.686	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	3.	7.28	28.	0.4	136.292	11.674	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41	0.12	0.172	1.04	0.05	0.031	0.176	0.05	0.05	0.22	0.356
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.001	0.001	0.007	0.001	0.	0.001	0.001	0.001	0.001	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	40 ##	0.05	0.101	0.37	0.05	0.007	0.086	0.05	0.05	0.118	0.255
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	41	0.08	0.101	1.04	0.01	0.025	0.158	0.01	0.04	0.1	0.178
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-06/25/84	39	9.	9.256	15.	7.	2.248	1.499	8.	8.	10.	11.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	2.3	2.353	2.8	2.	0.074	0.272	2.	2.1	2.7	2.74
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	0.8	0.813	1.	0.7	0.008	0.092	0.7	0.7	0.9	0.94
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	1.	1.047	1.4	0.9	0.02	0.141	0.9	0.9	1.1	1.28
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	15	0.48	0.464	0.75	0.29	0.015	0.121	0.302	0.34	0.51	0.648
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.4	0.387	0.7	0.1	0.024	0.155	0.16	0.3	0.5	0.64
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	2.	2.333	4.	1.	1.095	1.047	1.	2.	3.	4.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
01007	BARIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	1 ##	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14 ##	5.	5.714	10.	3.297	1.816	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	41 ##	5.	6.341	20.	12.53	3.54	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	41	60.	81.707	270.	4420.762	66.489	16.	35.	130.	178.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14 ##	5.	6.071	10.	4.533	2.129	5.	5.	6.25	10.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14 ##	2.5	3.214	12.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	41 ##	5.	6.829	10.	5.945	2.438	5.	5.	10.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14 ##	5.	5.357	10.	1.786	1.336	5.	5.	5.	7.5
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1 ##	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14	10.	20.714	110.	726.374	26.951	5.	10.	22.5	70.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15 ##	5.	6.	10.	4.286	2.07	5.	5.	5.	10.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	40	100.	94.375	220.	2863.061	53.508	50.	50.	100.	200.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14 ##	50.	51.786	100.	813.874	28.528	25.	25.	62.5	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1 ##	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0191

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim. 50.	55	0	0.00	14	0	0.00	28	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	47	0	0.00	13	0	0.00	22	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim. 9.	52	0	0.00	15	0	0.00	26	0	0.00	11	0	0.00			
		Other-Lo Lim. 6.5	52	7	0.13	15	3	0.20	26	4	0.15	11	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water 1.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water 10.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute 860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water 4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water 2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute 3.9	0 &	0	0.00												
		Drinking Water 5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water 100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute 18.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute 18.	41	2	0.05	11	0	0.00	20	1	0.05	10	1	0.10			
		Drinking Water 1300.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
01051	LEAD, TOTAL	Fresh Acute 82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute 4.1	0 &	0	0.00												
		Drinking Water 100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute 120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute 120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water 5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	15	15.2	14.86	18.2	10.2	5.644	2.376	11.28	13.	16.8	18.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	11	30.	27.455	37.	2.	86.873	9.321	6.4	26.	33.	36.6
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	7.2	7.75	5.8	0.347	0.589	6.13	6.75	7.6	7.69
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.45	6.705	7.75	5.8	0.609	0.781	6.13	6.75	7.6	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	15	0.035	0.197	1.585	0.018	0.166	0.408	0.021	0.025	0.178	0.902
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	10.	10.273	12.	9.	0.818	0.905	9.	10.	11.	11.8
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	2.	2.145	3.	0.6	0.473	0.688	0.88	2.	3.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	16	3.	18.469	128.	0.25	1474.641	38.401	0.25	3.	11.25	110.5
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11	0.14	0.155	0.37	0.05	0.01	0.099	0.05	0.05	0.23	0.344
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.001	0.002	0.007	0.001	0.	0.002	0.001	0.001	0.001	0.006
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	11	0.08	0.093	0.18	0.02	0.002	0.046	0.022	0.07	0.12	0.172
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	11	140.	135.455	270.	20.	6087.273	78.021	26.	50.	180.	262.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	30	5.	5.7	13.	0.	10.441	3.231	0.25	3.5	8.25	9.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	22	22.5	22.818	32.	12.	21.87	4.677	15.6	21.	24.25	31.1
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.475	7.294	7.95	6.25	0.259	0.509	6.435	6.85	7.675	7.845
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.474	6.977	7.95	6.25	0.364	0.603	6.435	6.85	7.675	7.845
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	26	0.034	0.105	0.562	0.011	0.021	0.145	0.014	0.021	0.141	0.368
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	7.	7.368	10.	5.	2.135	1.461	5.	6.	8.	10.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	2.	2.053	3.	1.	0.275	0.524	1.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	26	2.	17.635	199.	0.25	1717.571	41.444	0.25	0.25	13.25	55.1
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20	0.11	0.144	0.42	0.05	0.011	0.105	0.05	0.05	0.208	0.296
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	20	0.06	0.068	0.2	0.01	0.003	0.052	0.01	0.015	0.098	0.163
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	20 ##	5.	6.25	20.	5.	12.829	3.582	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	20	40.	50.5	240.	5.	2470.789	49.707	10.	22.5	60.	79.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	20 ##	5.	6.25	10.	5.	4.934	2.221	5.	5.	8.75	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	12	12.6	12.167	15.9	6.	7.397	2.72	7.02	10.175	14.	15.39
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	9	25.	27.333	38.	22.	24.75	4.975	22.	25.	30.	38.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	11	7.55	7.418	7.8	6.75	0.109	0.33	6.79	7.2	7.65	7.78
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	11	7.55	7.285	7.8	6.75	0.128	0.358	6.79	7.2	7.65	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	11	0.028	0.052	0.178	0.016	0.003	0.05	0.017	0.022	0.063	0.165
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	9	9.	8.	9.	5.	2.25	1.5	5.	7.	9.	9.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	10	2.	2.7	5.	2.	1.122	1.059	2.	2.	3.25	4.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	11	4.	28.273	140.	2.	2741.418	52.359	2.	2.	20.	137.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10	0.155	0.246	1.04	0.05	0.095	0.308	0.05	0.05	0.295	0.982
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.001	0.002	0.003	0.001	0.	0.001	0.001	0.001	0.002	0.003
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	10	0.075	0.175	1.04	0.02	0.095	0.308	0.021	0.045	0.133	0.956
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	10 ##	5.	7.5	20.	5.	23.611	4.859	5.	5.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	10	70.	85.	160.	30.	1961.111	44.284	31.	55.	132.5	158.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0192

NPS Station ID: BLRI0192 LAT/LON: 35.791670/ -82.128337
 Location: BEE ROCK BRANCH INTAKE - ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: CATAWBA-WATEREE N FORK CATAWBA
 RF1 Index: 03050101 RF1 Mile Point: 0.000
 RF3 Index: 03050101006500.00 RF3 Mile Point: 1.79

Agency: 1118ATL8
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 110502
 Within Park Boundary: No

Date Created: 06/24/78

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECTS OF TIMBER HARVESTING ON WATER QUALITY. ONE BASE FLOW SAMPLE AND STORM SAMPLE COLLECTED PER MONTH. WATER SAMPLES ANALYZED FOR TEMPERATURE, CONDUCTIVITY, DISSOLVED OXYGEN, AND PH AT ARMSTRONG CREEK FISH HATCHERY. TURBIDITY, TOTAL NONFILTERABLE RESIDUE, AND ALL CHEMICAL ANALYSES ARE RUN BY THE USFS R-9 WATER

Parameter Inventory for Station: BLRI0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	57	9.	9.412	19.	0.	28.367	5.326	2.	5.	14.	16.08
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/11/77-07/11/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/19/80-09/10/84	53	11.	10.158	23.	-7.	59.549	7.717	5.2	8.	17.	19.68
00065	STAGE, STREAM (FEET)	11/19/80-03/12/84	50	3.67	3.447	6.72	1.8	0.813	0.902	1.904	3.4	3.865	4.092
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/19/80-09/10/84	55	0.9	4.931	39.	0.1	73.264	8.559	0.2	0.3	3.9	18.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	42	25.5	24.262	33.	2.	28.052	5.296	18.6	23.	27.25	28.7
00300	OXYGEN, DISSOLVED MG/L	11/19/80-09/10/84	47	10.8	11.102	14.8	7.6	4.018	2.005	8.66	9.3	12.6	14.02
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	7.253	7.9	6.2	0.227	0.477	6.46	6.9	7.6	7.83
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	53	7.4	6.974	7.9	6.2	0.306	0.554	6.46	6.9	7.6	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	53	0.04	0.106	0.631	0.013	0.019	0.137	0.015	0.025	0.126	0.352
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	39	8.	8.231	11.	6.	2.024	1.423	6.	7.	9.	10.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	40	2.	2.2	3.	2.	0.164	0.405	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	53	5.	25.75	152.	0.25	1940.829	44.055	0.43	2.	23.5	126.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	5.	12.4	32.	1.	182.8	13.52	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/11/77-02/10/78	5	3.	2.56	6.	0.2	5.408	2.326	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41	0.16	0.167	0.57	0.05	0.014	0.12	0.05	0.05	0.255	0.34
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/77-07/11/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	41 ##	0.001	0.001	0.003	0.001	0.	0.	0.001	0.001	0.001	0.002
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/19/80-06/25/84	40 ##	0.05	0.108	0.55	0.05	0.01	0.099	0.05	0.05	0.14	0.229
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	41	0.08	0.093	0.24	0.01	0.003	0.052	0.032	0.06	0.13	0.168
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/11/77-07/11/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/19/80-06/25/84	39	9.	9.282	12.	7.	1.208	1.099	8.	9.	10.	11.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/11/77-12/14/81	15	2.2	2.213	2.5	1.9	0.037	0.192	1.9	2.1	2.4	2.44
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/11/77-12/14/81	15	0.8	0.813	0.9	0.7	0.003	0.052	0.76	0.8	0.8	0.9
00929	SODIUM, TOTAL (MG/L AS Na)	07/11/77-12/14/81	15	1.	1.033	1.4	0.9	0.018	0.135	0.9	0.9	1.1	1.28
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/77-12/14/81	15	0.57	0.555	0.82	0.4	0.013	0.112	0.406	0.45	0.62	0.724
00940	CHLORIDE, TOTAL IN WATER MG/L	07/11/77-12/14/81	15	0.4	0.413	0.7	0.1	0.024	0.155	0.16	0.3	0.5	0.64
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/77-12/14/81	15	2.	2.2	3.	1.	0.457	0.676	1.	2.	3.	3.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/11/77-12/14/81	15 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.07
01007	BARIUM, TOTAL (UG/L AS Ba)	07/11/77-07/11/77	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/11/77-07/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/77-07/11/77	1	11.	11.	11.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/19/80-12/14/81	14##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	41##	5.	7.073	20.	16.22	4.027	5.	5.	10.	14.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	41	70.	135.488	510.	15361.006	123.94	20.	45.	237.5	332.
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/80-12/14/81	14##	5.	5.357	10.	1.786	1.336	5.	5.	5.	7.5
01051	LEAD, TOTAL (UG/L AS PB)	07/11/77-12/14/81	14##	2.5	3.214	12.5	7.143	2.673	2.5	2.5	2.5	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	41##	5.	6.951	10.	6.098	2.469	5.	5.	10.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/80-12/14/81	14##	5.	5.357	10.	1.786	1.336	5.	5.	5.	7.5
01077	SILVER, TOTAL (UG/L AS AG)	07/11/77-07/11/77	1##	12.5	12.5	12.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/19/80-12/14/81	14##	5.	6.429	10.	5.495	2.344	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/77-12/14/81	15##	5.	7.667	30.	42.381	6.51	5.	5.	10.	18.
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/80-06/25/84	40	115.	174.75	800.	22147.372	148.82	50.	50.	200.	359.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/19/80-12/14/81	14##	50.	58.571	100.	913.187	30.219	25.	25.	100.	100.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/77-07/11/77	1##	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0192

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	55	0	0.00	14	0	0.00	28	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	47	0	0.00	13	0	0.00	22	0	0.00	12	0	0.00			
00400	PH	Other-Hi Lim.	9.	53	0	0.00	15	0	0.00	26	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	53	5	0.09	15	2	0.13	26	3	0.12	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0&	0	0.00												
		Drinking Water	5.	0&	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	1300.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	41	2	0.05	11	2	0.18	20	0	0.00	10	0	0.00			
		Drinking Water	1300.	41	0	0.00	11	0	0.00	20	0	0.00	10	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	15.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0&	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5000.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	15	15.5	15.16	19.	10.	6.327	2.515	11.2	13.	16.5	18.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	11	26.	25.273	33.	2.	65.618	8.101	6.4	26.	29.	32.4
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.4	7.21	7.9	6.2	0.317	0.563	6.29	6.6	7.7	7.87
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	15	7.4	6.86	7.9	6.2	0.448	0.67	6.29	6.6	7.7	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	15	0.04	0.138	0.631	0.013	0.035	0.187	0.014	0.02	0.251	0.52
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	10.	9.727	11.	9.	0.418	0.647	9.	9.	10.	10.8
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	11	2.	2.182	3.	2.	0.164	0.405	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	16	7.	28.141	152.	0.25	2253.05	47.466	1.475	5.	30.75	141.5
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11	0.2	0.244	0.57	0.12	0.018	0.133	0.122	0.15	0.34	0.524
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	11	0.13	0.122	0.17	0.02	0.002	0.042	0.032	0.11	0.15	0.168
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	11 ##	5.	9.091	20.	5.	39.091	6.252	5.	5.	15.	20.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	11	240.	230.	360.	50.	12200.	110.454	54.	100.	340.	356.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	11	10.	8.182	10.	5.	6.364	2.523	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	30	5.	5.387	14.	0.	11.803	3.435	0.1	3.375	8.25	9.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	22	23.5	22.909	28.	11.	17.61	4.196	14.5	22.75	26.	26.7
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.325	7.194	7.85	6.4	0.238	0.488	6.4	6.775	7.613	7.815
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	26	7.324	6.938	7.85	6.4	0.306	0.553	6.4	6.775	7.612	7.815
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	26	0.047	0.115	0.398	0.014	0.016	0.127	0.015	0.024	0.169	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	7.	7.474	10.	6.	1.596	1.264	6.	7.	8.	10.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	19	2.	2.105	3.	2.	0.099	0.315	2.	2.	2.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	25	4.	24.74	140.	0.25	1966.737	44.348	0.25	0.9	23.5	125.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20	0.125	0.133	0.29	0.05	0.008	0.088	0.05	0.05	0.188	0.278
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	20 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.002
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	20	0.065	0.071	0.19	0.01	0.002	0.041	0.022	0.043	0.078	0.129
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	20 ##	5.	5.75	10.	5.	3.355	1.832	5.	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	20	45.	83.25	510.	10.	14242.829	119.343	11.	20.	77.5	262.
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	20 ##	5.	6.25	10.	5.	4.934	2.221	5.	5.	8.75	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/77-09/10/84	12	12.8	12.292	16.	7.	6.955	2.637	7.6	10.225	14.	15.64
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/77-09/10/84	9	26.	26.333	29.	23.	4.25	2.062	23.	24.5	28.	29.
00400	PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.5	7.433	7.85	6.9	0.084	0.29	6.915	7.263	7.6	7.82
00400	CONVERTED PH (STANDARD UNITS)	07/11/77-09/10/84	12	7.497	7.336	7.85	6.9	0.095	0.308	6.915	7.262	7.6	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/77-09/10/84	12	0.032	0.046	0.126	0.014	0.001	0.036	0.015	0.025	0.055	0.122
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	9	8.	8.	9.	6.	1.	1.	6.	7.5	9.	9.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	07/11/77-06/25/84	10	2.	2.4	3.	2.	0.267	0.516	2.	2.	3.	3.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/77-09/10/84	12	5.	24.667	133.	1.	1799.515	42.421	1.3	2.25	34.	118.9
00600	NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.05	0.152	0.34	0.05	0.018	0.134	0.05	0.05	0.31	0.34
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/11/77-06/25/84	10 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.003
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/77-06/25/84	10	0.085	0.108	0.24	0.03	0.004	0.065	0.033	0.068	0.148	0.236
01042	COPPER, TOTAL (UG/L AS CU)	07/11/77-06/25/84	10 ##	5.	7.5	15.	5.	12.5	3.536	5.	5.	10.	14.5
01045	IRON, TOTAL (UG/L AS FE)	07/11/77-06/25/84	10	105.	136.	270.	50.	7665.556	87.553	51.	60.	223.75	266.5
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/77-06/25/84	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0193

NPS Station ID: BLRI0193
 Location: ARMSTRONG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin:
 Minor Basin:
 RF1 Index: 03050101
 RF3 Index: 03050101010001.10

LAT/LON: 35.778615/ -82.139171

Depth of Water: 0
 Elevation: 677
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.78

Agency: 12NSS
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 2A07808U /2AS2A07808U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 18.10
 Distance from RF3: 0.27

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-07/10/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/10/85-07/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/10/85-07/10/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/85-07/10/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/10/85-07/10/85	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/10/85-07/10/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/10/85-07/10/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/85-07/10/85	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	07/10/85-07/10/85	1	204.6	204.6	204.6	204.6	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/10/85-07/10/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/85-07/10/85	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/10/85-07/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/10/85-07/10/85	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/85-07/10/85	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/85-07/10/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/85-07/10/85	1	1.09	1.09	1.09	1.09	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/85-07/10/85	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/10/85-07/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/10/85-07/10/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/85-07/10/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/85-07/10/85	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/85-07/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/10/85-07/10/85	1	91.	91.	91.	91.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/10/85-07/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	07/10/85-07/10/85	1	14.99	14.99	14.99	14.99	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/10/85-07/10/85	1	2220.	2220.	2220.	2220.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/10/85-07/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	07/10/85-07/10/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0193

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	44.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0194

NPS Station ID: BLRI0194 LAT/LON: 35.833338/ -82.183337
 Location: BRIDGE BELOW GAGING STATION SSE OF CELO
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2330 5050 1160
 RMI-Miles: 0953.80 0046.50 652.10 069.10 110.80 021.50 19.85
 HUC: 06010108 Depth of Water: 0
 Major Basin: FRENCH BROAD RIVER BASIN Elevation: 0
 Minor Basin: SOUTH TOE RIVER 19.85
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108077800.00 RF3 Mile Point: 0.00
 Description:

Agency: 131TVAC
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 360097 /5533
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 6.80
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0194

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/68-08/01/68	6	13.	12.033	21.	3.	64.487	8.03	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/10/68-08/01/68	6	86.	145.5	319.	50.	12824.3	113.244	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/10/68-08/01/68	6	2.5	3.5	8.	2.	5.5	2.345	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/10/68-08/01/68	6	5.	7.5	15.	5.	17.5	4.183	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/68-08/01/68	6	18.5	19.833	25.	16.	18.167	4.262	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/68-08/01/68	6	10.	10.25	12.6	7.8	3.939	1.985	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/68-08/01/68	6###	0.5	0.717	1.3	0.5	0.122	0.349	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/10/68-08/01/68	6	12.5	12.667	21.	5.	45.867	6.772	**	**	**	**
00400	PH (STANDARD UNITS)	01/10/68-08/01/68	6	7.35	7.283	7.9	6.6	0.222	0.471	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/68-08/01/68	6	7.347	7.075	7.9	6.6	0.274	0.523	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/68-08/01/68	6	0.045	0.084	0.251	0.013	0.008	0.091	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/68-08/01/68	6	5.5	5.167	8.	2.	5.367	2.317	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/10/68-08/01/68	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/10/68-08/01/68	6	20.	21.667	30.	10.	56.667	7.528	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/10/68-08/01/68	6	20.	17.5	30.	5.	77.5	8.803	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/10/68-08/01/68	6	0.255	0.277	0.54	0.14	0.021	0.144	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/10/68-08/01/68	6	0.03	0.039	0.12	0.005	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/10/68-08/01/68	6###	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/10/68-08/01/68	6	0.115	0.13	0.24	0.06	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/10/68-08/01/68	6	0.02	0.024	0.052	0.007	0.	0.016	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/10/68-08/01/68	6	0.017	0.017	0.033	0.007	0.	0.01	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/10/68-08/01/68	6	0.5	0.5	1.	0.25	0.075	0.274	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/10/68-08/01/68	6###	0.25	0.333	0.5	0.25	0.017	0.129	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/10/68-08/01/68	6	0.9	0.817	1.	0.4	0.054	0.232	**	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	01/10/68-08/01/68	6	0.6	1.367	3.7	0.3	1.883	1.372	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/10/68-08/01/68	6	2.	1.833	3.	1.	0.567	0.753	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/68-08/01/68	6	1.	1.5	3.	1.	0.7	0.837	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/14/68-08/01/68	5	0.04	0.049	0.08	0.005	0.001	0.032	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	01/10/68-08/01/68	6	4.4	4.9	7.8	2.2	5.256	2.293	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/10/68-08/01/68	6	20.	87.5	430.	5.	28297.5	168.219	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/10/68-08/01/68	6	265.	295.	400.	220.	7110.	84.321	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/10/68-08/01/68	6	65.	85.833	200.	5.	4824.167	69.456	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	01/10/68-06/25/68	5###	25.	35.	50.	25.	187.5	13.693	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/10/68-08/01/68	6	10.	37.5	180.	5.	4877.5	69.839	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/14/68-08/01/68	4	10.	23.75	70.	5.	956.25	30.923	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/10/68-08/01/68	6	80.	136.667	460.	20.	26186.667	161.823	**	**	**	**
01501	ALPHA, TOTAL	01/10/68-01/10/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0194

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	01/10/68-01/10/68	1	1.	1.	1.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	01/10/68-01/10/68	1##	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	01/10/68-01/10/68	1	1.	1.	1.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	01/10/68-01/10/68	1	1.	1.	1.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	01/10/68-01/10/68	1	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/10/68-08/01/68	6	3150.	7285.	31000.	141549830.	11897.472	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	01/10/68-08/01/68	6	3.362	3.267	4.491	2.23	0.78	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1851.007							
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/68-08/01/68	5	110.	132.	400.	10.	24970.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/68-08/01/68	5	2.041	1.805	2.602	1.	0.417	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			63.787							
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	01/10/68-01/10/68	1	5.	5.	5.	5.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0194

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	9.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
		6.5	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
		250.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	18.	6	4	0.67	1	1	1.00	2	1	0.50	3	2	0.67			
		1300.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	120.	6	2	0.33	1	1	1.00	2	0	0.00	3	1	0.33			
		5000.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	6	4	0.67	1	1	1.00	2	1	0.50	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	5	1	0.20	1	0	0.00	2	0	0.00	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0195

NPS Station ID: BLRI0195
 Location: SOUTH TOE RIVER NEAR CELO, N. C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108023
 RF3 Index: 06010108002318.67
 Description:

LAT/LON: 35.831116/ -82.184449

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 17.100
 RF3 Mile Point: 19.59

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 03463300
 Within Park Boundary: No

Date Created: 01/05/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.16

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/60-04/19/62	4	129.5	134.	217.	60.	6188.667	78.668	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/10/57-01/04/82	47	575.	1377.66	8040.	30.	4473122.316	2114.976	44.4	108.	1420.	5164.
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/57-04/19/62	7	5.	5.286	10.	2.	6.905	2.628	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/57-04/19/62	8	15.	15.5	18.	13.	2.857	1.69	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/57-04/19/62	8	6.25	6.212	6.5	5.9	0.041	0.203	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/57-04/19/62	8	6.247	6.171	6.5	5.9	0.043	0.208	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/57-04/19/62	8	0.566	0.675	1.259	0.316	0.104	0.323	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/57-04/19/62	8	7.	6.75	9.	5.	1.357	1.165	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/10/57-04/19/62	8	4.	4.25	6.	3.	1.071	1.035	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/10/57-04/19/62	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/10/57-04/19/62	8	1.	1.075	1.5	0.8	0.056	0.238	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/10/57-04/19/62	8	0.45	0.413	0.6	0.2	0.021	0.146	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/10/57-04/19/62	8	0.95	0.925	1.2	0.6	0.036	0.191	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/57-04/19/62	8	0.4	0.425	0.7	0.2	0.022	0.149	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/10/57-04/19/62	8	1.	0.863	2.	0.2	0.334	0.578	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/57-04/19/62	8	0.9	0.888	2.	0.2	0.284	0.533	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/57-04/19/62	8	0.	0.05	0.3	0.	0.011	0.107	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/10/57-04/19/62	7	6.4	6.186	8.1	4.1	1.555	1.247	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/10/57-04/19/62	8	20.	25.	80.	0.	600.	24.495	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/10/57-04/19/62	7	14.	14.857	18.	13.	3.81	1.952	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/21/79-09/21/79	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/21/79-09/21/79	2	14.	14.	16.	12.	8.	2.828	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/21/79-09/21/79	2	18.	18.	20.	16.	8.	2.828	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/21/79-09/21/79	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/21/79-09/21/79	2	29.5	29.5	32.	27.	12.5	3.536	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/21/79-09/21/79	2	38.	38.	42.	34.	32.	5.657	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/21/79-09/21/79	2	56.	56.	61.	51.	50.	7.071	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/21/79-09/21/79	2	78.5	78.5	81.	76.	12.5	3.536	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/10/57-04/19/62	8	0.15	0.338	0.9	0.	0.137	0.37	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/77-01/04/82	44	15.	111.25	749.	0.	40061.773	200.154	0.	2.	74.	433.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/77-01/04/82	43	29.	1584.921	16300.	0.	14755498.313	3841.289	0.	0.38	295.	6432.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0195

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH		8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	8	8	1.00	2	2	1.00	2	2	1.00	4	4	1.00			
00940	CHLORIDE, TOTAL IN WATER		8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Fresh Acute	860.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	250.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)		8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	250.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F		8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	4.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)		8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	44.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/10/57-01/04/82	20	1430.	2573.15	8040.	30.	7861219.924	2803.787	38.4	72.	4697.5	7647.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/10/57-01/04/82	18	373.	585.278	1940.	38.	333775.507	577.733	47.9	110.	990.	1472.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/10/57-01/04/82	9	170.	305.778	666.	47.	62537.694	250.075	47.	105.	609.	666.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0196

NPS Station ID: BLRI0196 LAT/LON: 35.831116/ -82.184449
 Location: SOUTH TOE RIVER AT SR 1168 NEAR CELO NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108023 RF1 Mile Point: 17.100
 RF3 Index: 06010108001405.59 RF3 Mile Point: 6.30
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): E8200000 /FRB062 /03463300
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	92	75.	70.62	112.	25.	929.161	30.482	30.	40.	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	165	13.	12.025	23.	0.	33.86	5.819	4.	7.	17.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	155	18.	16.626	31.	-3.	64.901	8.056	6.	10.	23.	26.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	155	50.	50.755	100.	0.	1535.978	39.192	0.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	73	5.	4.001	20.	0.	12.308	3.508	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	146	0.	0.217	10.	0.	0.793	0.891	0.	0.	0.1	0.575
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	128	96.	136.078	917.	16.	19385.962	139.233	27.	61.	168.25	276.5
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	92	2.	1.776	3.	0.5	0.29	0.538	1.	1.5	2.	2.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	129	0.96	2.348	173.	0.52	229.395	15.146	0.65	0.82	1.185	1.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	126##	0.5	0.99	8.	0.4	1.081	1.04	0.5	0.5	1.025	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	140	15.	17.714	47.	5.	40.939	6.398	12.	13.	22.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/81-02/01/90	12	14.	14.5	17.	13.	3.	1.732	13.	13.	16.75	17.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	159	9.8	9.865	13.2	7.8	1.532	1.238	8.4	8.8	10.7	11.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/07/69-09/24/85	47	90.	90.957	118.	83.	29.433	5.425	85.	88.	93.	96.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	73	0.4	0.518	3.7	0.1	0.278	0.527	0.2	0.3	0.6	0.9
00335	COD, .025N K2CR2O7 MG/L	05/29/81-11/08/84	18##	5.	4.5	16.	2.5	9.794	3.13	2.5	2.5	5.	6.1
00340	COD, .25N K2CR2O7 MG/L	04/21/81-04/21/81	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	152	6.6	6.51	8.	4.6	0.188	0.434	6.	6.325	6.775	6.97
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	152	6.6	6.112	8.	4.6	0.348	0.59	6.	6.325	6.775	6.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	152	0.251	0.773	25.119	0.01	8.342	2.888	0.108	0.169	0.475	1.
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	98	6.5	6.485	7.	4.9	0.076	0.275	6.3	6.4	6.6	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	98	6.5	6.285	7.	4.9	0.116	0.341	6.3	6.4	6.6	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	98	0.316	0.519	12.589	0.1	1.903	1.379	0.2	0.251	0.398	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	101	4.	4.277	7.	2.	1.522	1.234	3.	3.	5.	6.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/09/70-06/08/72	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	124	4.	4.581	40.	0.	13.985	3.74	2.	3.	5.	6.
00480	SALINITY - PARTS PER THOUSAND	12/14/89-01/17/91	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	115	28.	29.391	67.	6.	133.995	11.576	16.6	22.	34.	44.8
00505	RESIDUE, TOTAL VOLATILE (MG/L)	06/08/72-06/08/72	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	06/08/72-06/08/72	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	153	1.	2.931	53.	0.5	51.425	7.171	0.5	0.5	3.	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/14/71-06/08/72	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/14/71-06/08/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/81-12/15/94	79	0.02	0.029	0.08	0.005	0.	0.019	0.01	0.01	0.04	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/81-12/15/94	79	0.1	0.142	0.5	0.005	0.008	0.091	0.05	0.05	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/81-12/15/94	79	0.12	0.111	0.33	0.005	0.003	0.052	0.05	0.08	0.14	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/81-12/15/94	79	0.01	0.014	0.09	0.005	0.	0.015	0.005	0.005	0.02	0.025
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/17/83-12/15/94	71	4.	4.648	10.	0.5	4.081	2.02	2.	4.	6.	7.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/15/85-08/15/85	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/29/86-08/29/89	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/23/84-12/31/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/81-12/15/94	79 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/85-08/15/85	1 ##	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/81-12/15/94	80 ##	1.	4.663	25.	1.	45.112	6.717	1.	1.	5.	10.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/81-12/15/94	80 ##	12.5	15.469	25.	12.5	28.654	5.353	12.5	12.5	12.5	25.
01037	COBALT, TOTAL (UG/L AS CO)	06/23/81-11/03/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/81-12/15/94	80 ##	4.5	5.375	20.	1.	28.415	5.331	1.	1.	10.	10.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/85-08/15/85	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/81-12/15/94	40 ##	25.	94.6	1300.	25.	42806.862	206.898	25.	25.	90.5	193.
01051	LEAD, TOTAL (UG/L AS PB)	06/23/81-12/15/94	80 ##	5.	17.688	50.	5.	364.521	19.092	5.	5.	25.	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/85-08/15/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/81-08/30/93	16 ##	5.	9.563	25.	5.	69.063	8.31	5.	5.	14.75	25.
01067	NICKEL, TOTAL (UG/L AS NI)	06/23/81-12/15/94	79 ##	5.	18.987	50.	5.	342.397	18.504	5.	5.	25.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/85-08/15/85	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/81-12/15/94	80 ##	5.	8.1	29.	5.	37.306	6.108	5.	5.	10.	18.7
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/85-08/15/85	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-12/15/94	48	50.5	96.479	1100.	25.	28787.489	169.669	25.	25.	100.	200.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/85-08/15/85	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/17/82-02/17/83	2 ##	72.5	72.5	140.	5.	9112.5	95.459	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/17/82-02/17/83	2 ##	1.423	1.423	2.146	0.699	1.047	1.023	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			26.458								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	143	5.	58.832	3300.	0.5	85231.095	291.944	0.5	1.	25.	80.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	143	0.699	0.817	3.519	-0.301	0.746	0.863	-0.301	0.	1.398	1.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.364								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/18/88-10/18/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/81-06/27/91	40 ##	0.005	0.008	0.025	0.005	0.	0.007	0.005	0.005	0.005	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/71-12/15/94	80 ##	0.1	0.116	0.6	0.1	0.005	0.067	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/85-08/15/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0196

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	126	0	0.00	33	0	0.00	59	0	0.00	34	0	0.00
00300	OXYGEN, DISSOLVED	4.	159	0	0.00	42	0	0.00	75	0	0.00	42	0	0.00
00400	PH	9.	152	0	0.00	39	0	0.00	70	0	0.00	43	0	0.00
	Other-Hi Lim.	6.5	152	74	0.49	39	17	0.44	70	44	0.63	43	13	0.30
00403	PH, LAB	9.	98	0	0.00	23	0	0.00	49	0	0.00	26	0	0.00
	Other-Lo Lim.	6.5	98	57	0.58	23	7	0.30	49	36	0.73	26	14	0.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	79	0	0.00	18	0	0.00	41	0	0.00	20	0	0.00
00945	SULFATE, TOTAL (AS SO4)	250.	3	0	0.00	1	0	0.00				2	0	0.00
00951	FLUORIDE, TOTAL AS F	4.	2	0	0.00				1	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	360.	79	0	0.00	19	0	0.00	41	0	0.00	19	0	0.00
	Drinking Water	50.	79	0	0.00	19	0	0.00	41	0	0.00	19	0	0.00
01027	CADMIUM, TOTAL	3.9	53 &	0	0.00	12	0	0.00	28	0	0.00	13	0	0.00
	Drinking Water	5.	53 &	0	0.00	12	0	0.00	28	0	0.00	13	0	0.00
01034	CHROMIUM, TOTAL	100.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00
01042	COPPER, TOTAL	18.	74 &	0	0.00	17	0	0.00	39	0	0.00	18	0	0.00
	Drinking Water	1300.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00
01051	LEAD, TOTAL	82.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00
	Drinking Water	15.	53 &	0	0.00	12	0	0.00	28	0	0.00	13	0	0.00
01067	NICKEL, TOTAL	1400.	79	0	0.00	19	0	0.00	40	0	0.00	20	0	0.00
	Drinking Water	100.	79	0	0.00	19	0	0.00	40	0	0.00	20	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0196

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00			
	Drinking Water	5000.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00			
31504 COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	143	8	0.06	38	3	0.08	69	3	0.04	36	2	0.06			
71900 MERCURY, TOTAL	Fresh Acute	2.4	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00			
	Drinking Water	2.	80	0	0.00	19	0	0.00	41	0	0.00	20	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/09/70-12/15/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	4	18.5	16.5	20.	9.	25.667	5.066	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/09/70-12/15/94	3	6.7	6.6	6.8	6.3	0.07	0.265	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	3	6.7	6.543	6.8	6.3	0.075	0.274	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	3	0.2	0.286	0.501	0.158	0.035	0.187	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	3	6.	6.	7.	5.	1.	1.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/09/70-12/15/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	9	14.	15.222	20.	6.	21.194	4.604	6.	13.	20.	20.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	7	23.	23.714	31.	15.	25.238	5.024	**	**	**	**
00032 CLOUD COVER (PERCENT)	04/21/81-12/15/94	9	50.	45.	100.	0.	1062.5	32.596	0.	12.5	65.	100.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	9	0.	0.067	0.5	0.	0.028	0.166	0.	0.	0.05	0.5
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	9	70.	92.556	299.	22.	7134.528	84.466	22.	44.	109.	299.
00065 STAGE, STREAM (FEET)	04/21/81-09/21/93	9	0.84	0.883	1.45	0.57	0.069	0.263	0.57	0.715	0.995	1.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	7	1.	1.357	3.	0.5	1.31	1.144	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	5	19.	16.8	20.	13.	12.2	3.493	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	9	9.3	9.322	11.4	8.2	1.032	1.016	8.2	8.4	9.85	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	9	0.4	0.511	0.9	0.2	0.061	0.247	0.2	0.3	0.75	0.9
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	8	6.65	6.725	7.1	6.5	0.059	0.243	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	8	6.647	6.671	7.1	6.5	0.063	0.25	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	8	0.225	0.213	0.316	0.079	0.01	0.101	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	9	6.6	6.556	6.7	6.3	0.018	0.133	6.3	6.45	6.65	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	9	6.6	6.536	6.7	6.3	0.018	0.135	6.3	6.45	6.65	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	9	0.251	0.291	0.501	0.2	0.01	0.1	0.2	0.225	0.357	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	9	5.	4.333	6.	3.	1.25	1.118	3.	3.	5.	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	6	5.	5.5	7.	5.	0.7	0.837	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	3	28.	27.	31.	22.	21.	4.583	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	3##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	9	20.	77.778	430.	5.	18631.944	136.499	5.	5.	85.	430.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	9	1.301	1.374	2.633	0.699	0.524	0.724	0.699	0.699	1.929	2.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.658								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	11.5	11.333	20.	3.	43.333	6.583	3.	4.5	18.	19.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	18.5	14.667	24.	1.	66.061	8.128	1.9	7.25	21.5	23.7
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	12	80.	58.333	100.	0.	2160.606	46.482	0.	2.5	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	12	0.	0.126	1.	0.	0.096	0.31	0.	0.	0.008	0.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	12	100.5	120.333	304.	32.	6625.515	81.397	32.9	66.5	179.75	278.5
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	12	0.955	0.991	1.46	0.67	0.058	0.24	0.673	0.833	1.195	1.406
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	4	1.5	1.375	2.	0.5	0.563	0.75	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	12	16.	20.833	42.	12.	96.515	9.824	12.3	14.	28.5	39.9
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	12	9.9	9.892	11.6	7.8	1.604	1.267	7.98	8.675	11.15	11.54
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	11	0.3	0.345	0.6	0.2	0.015	0.121	0.2	0.3	0.4	0.58
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.4	6.427	6.8	6.	0.044	0.21	6.06	6.3	6.6	6.76
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.4	6.379	6.8	6.	0.047	0.216	6.06	6.3	6.6	6.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	11	0.398	0.418	1.	0.158	0.05	0.224	0.177	0.251	0.501	0.9
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	12	6.5	6.508	6.8	6.2	0.028	0.168	6.23	6.4	6.6	6.77
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	12	6.5	6.478	6.8	6.2	0.029	0.171	6.23	6.4	6.6	6.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	12	0.316	0.332	0.631	0.158	0.018	0.133	0.171	0.251	0.398	0.592
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	12	4.	4.25	6.	3.	1.477	1.215	3.	3.	5.75	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	11	3.	2.818	4.	1.	0.764	0.874	1.2	2.	3.	4.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	12	24.5	26.	59.	13.	147.091	12.128	13.3	17.25	30.25	50.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	12	3.	2.917	6.	1.	2.629	1.621	1.	1.25	4.	5.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11	20.	32.727	130.	5.	1541.818	39.266	5.	5.	40.	120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11	1.301	1.26	2.114	0.699	0.242	0.492	0.699	0.699	1.602	2.072
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.205								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	10.5	10.5	20.	1.	35.545	5.962	1.3	6.5	15.25	19.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	16.	17.083	26.	6.	51.72	7.192	6.3	12.25	25.	26.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	12	15.	36.667	100.	0.	1842.424	42.923	0.	0.	92.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	12	0.	0.147	1.	0.	0.119	0.344	0.	0.	0.008	0.925
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	12	133.5	241.333	917.	27.	89919.152	299.865	27.6	48.5	222.	885.2
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	12	1.105	1.194	2.28	0.64	0.293	0.541	0.643	0.768	1.288	2.256
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	4 ##	1.	2.225	6.4	0.5	7.969	2.823	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	11	15.	16.364	24.	6.	31.655	5.626	7.	13.	22.	23.6
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	12	10.35	10.35	13.2	8.3	2.217	1.489	8.36	9.075	10.95	13.02
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	12	0.4	0.65	3.7	0.1	0.968	0.984	0.1	0.225	0.5	2.86
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.6	6.53	6.7	6.2	0.031	0.177	6.21	6.375	6.7	6.7
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.6	6.495	6.7	6.2	0.033	0.181	6.21	6.375	6.7	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	10	0.251	0.32	0.631	0.2	0.021	0.147	0.2	0.2	0.424	0.618
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	12	6.5	6.5	6.7	6.1	0.025	0.16	6.19	6.425	6.6	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	12	6.5	6.469	6.7	6.1	0.026	0.163	6.19	6.425	6.6	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	12	0.316	0.339	0.794	0.2	0.025	0.157	0.2	0.251	0.378	0.675
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	12	4.	4.25	6.	3.	0.932	0.965	3.	3.25	5.	5.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	9	3.	3.444	5.	2.	0.778	0.882	2.	3.	4.	5.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	12	28.	31.833	58.	18.	179.061	13.381	18.3	22.25	35.5	57.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	12	1.	10.458	53.	0.5	383.248	19.577	0.5	0.5	8.	52.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11	10.	177.727	970.	5.	92121.818	303.516	5.	5.	330.	866.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11	1.	1.54	2.987	0.699	0.758	0.871	0.699	0.699	2.519	2.92
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.649								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	10.5	9.917	17.	1.	36.811	6.067	1.6	4.25	16.5	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	15.	12.917	24.	-3.	98.083	9.904	0.9	2.25	22.75	23.7
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	12	0.	25.833	100.	0.	1681.061	41.001	0.	0.	62.5	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	12	0.	0.1	1.	0.	0.082	0.286	0.	0.	0.075	0.73
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	12	112.5	123.917	336.	23.	8383.538	91.562	26.6	58.5	162.75	309.
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	12	1.015	1.004	1.52	0.61	0.075	0.274	0.634	0.79	1.175	1.478
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	4 ##	0.5	0.475	0.5	0.4	0.002	0.05	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	12	22.5	22.417	47.	14.	79.902	8.939	14.	15.5	25.5	40.7
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	12	9.95	10.158	12.	8.2	2.023	1.422	8.32	8.925	11.575	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	12	0.35	0.4	1.	0.2	0.042	0.204	0.23	0.3	0.4	0.85
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	12	6.65	6.633	7.	6.4	0.03	0.172	6.4	6.5	6.7	6.94
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	12	6.647	6.604	7.	6.4	0.031	0.175	6.4	6.5	6.7	6.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	12	0.225	0.249	0.398	0.1	0.009	0.092	0.118	0.2	0.316	0.398
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	12	6.5	6.5	6.7	6.3	0.016	0.128	6.33	6.4	6.6	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	12	6.5	6.483	6.7	6.3	0.017	0.129	6.33	6.4	6.6	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	12	0.316	0.329	0.501	0.2	0.009	0.093	0.2	0.251	0.398	0.47
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	12	4.	4.	5.	2.	0.909	0.953	2.3	3.25	5.	5.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	11	4.	3.636	5.	2.	0.655	0.809	2.2	3.	4.	4.8
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	12	25.	27.833	61.	15.	144.333	12.014	15.3	20.25	31.	52.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	12	2.	6.208	52.	0.5	210.112	14.495	0.5	0.625	3.75	37.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	12	50.	338.75	3300.	5.	875468.75	935.665	5.	6.25	185.	2376.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	12	1.699	1.657	3.519	0.699	0.72	0.848	0.699	0.774	2.262	3.166
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.378								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	13.	12.083	19.	0.	41.902	6.473	0.3	8.	17.75	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	18.5	17.	29.	1.	90.364	9.506	1.	11.	26.25	28.7
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	12	62.5	60.417	100.	0.	1606.629	40.083	4.5	16.25	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	12	0.	0.221	1.5	0.	0.243	0.493	0.	0.	0.088	1.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	12	92.5	148.	510.	38.	18296.545	135.265	43.4	64.5	215.5	439.5
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	12	0.965	1.058	1.8	0.72	0.102	0.32	0.741	0.808	1.283	1.692
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	9###	0.5	1.511	8.	0.5	5.989	2.447	0.5	0.5	1.05	8.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	12	15.	15.833	21.	13.	6.879	2.623	13.3	14.	18.	20.7
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	12	9.6	9.942	12.7	8.4	2.001	1.415	8.43	8.825	10.55	12.61
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	4	0.65	0.6	0.9	0.2	0.087	0.294	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	12	6.6	6.6	7.1	6.3	0.053	0.23	6.3	6.425	6.775	7.01
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	12	6.6	6.55	7.1	6.3	0.055	0.235	6.3	6.425	6.775	7.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	12	0.251	0.282	0.501	0.079	0.018	0.132	0.103	0.169	0.378	0.501
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	12	6.5	6.492	6.8	6.3	0.026	0.162	6.3	6.325	6.6	6.77
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	12	6.5	6.465	6.8	6.3	0.027	0.164	6.3	6.325	6.6	6.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	12	0.316	0.342	0.501	0.158	0.014	0.119	0.171	0.251	0.475	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	12	4.	3.833	6.	2.	1.424	1.193	2.	3.	4.75	5.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	12	5.	4.417	6.	2.	2.083	1.443	2.	3.25	5.75	6.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	12	24.5	32.417	67.	17.	292.083	17.09	17.3	21.25	45.25	65.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	12	2.	2.292	6.	0.5	2.748	1.658	0.65	1.	3.75	5.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	12	20.	43.333	230.	5.	3960.606	62.933	5.	5.	57.5	182.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	12	1.301	1.322	2.362	0.699	0.298	0.546	0.699	0.699	1.758	2.207
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.973								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	1	30.	30.	30.	0.	0.	**	**	**	**	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	11	9.	11.636	20.	3.	39.255	6.265	3.4	6.	19.	19.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	11	18.	16.364	27.	5.	48.855	6.99	5.8	10.	23.	26.4
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	11	50.	60.	100.	0.	1220.	34.928	6.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	11	0.	0.051	0.3	0.	0.012	0.111	0.	0.	0.005	0.29
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	11	78.	75.091	147.	16.	1941.491	44.062	17.4	29.	114.	143.6
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	11	0.87	0.844	1.14	0.52	0.039	0.198	0.54	0.65	1.	1.128
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	8###	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	9	13.	14.667	22.	11.	18.5	4.301	11.	11.5	18.	22.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	11	9.8	9.727	11.5	8.2	1.154	1.074	8.24	8.5	10.6	11.36
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	4	0.3	0.3	0.5	0.1	0.033	0.183	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.45	6.48	6.8	6.3	0.031	0.175	6.3	6.3	6.625	6.79
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.447	6.451	6.8	6.3	0.032	0.178	6.3	6.3	6.625	6.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	10	0.357	0.354	0.501	0.158	0.016	0.127	0.163	0.238	0.501	0.501
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	11	6.5	6.482	7.	6.1	0.072	0.268	6.1	6.3	6.6	6.96
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	11	6.5	6.412	7.	6.1	0.077	0.278	6.1	6.3	6.6	6.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	11	0.316	0.388	0.794	0.1	0.052	0.228	0.112	0.251	0.501	0.794
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	10	4.5	4.3	6.	2.	1.789	1.337	2.1	3.	5.25	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	9	5.	4.556	7.	1.	3.028	1.74	1.	3.5	5.5	7.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	11	29.	28.091	49.	6.	145.491	12.062	8.2	22.	36.	47.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	11	1.	1.955	7.	0.5	4.473	2.115	0.5	0.5	2.	6.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	15.	20.	50.	5.	277.778	16.667	5.	5.	33.75	49.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	1.151	1.153	1.699	0.699	0.151	0.389	0.699	0.699	1.521	1.694
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	12	42.5	45.417	75.	30.	252.083	15.877	30.	31.25	50.	75.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	12.	10.875	22.	0.5	51.369	7.167	0.65	5.25	16.75	21.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	14.	13.75	25.	-2.	96.75	9.836	2.5	7.25	23.75	25.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	11	50.	51.818	100.	0.	1916.364	43.776	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	12	4.	2.75	5.	0.	6.205	2.491	0.	0.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	12	0.	0.191	1.	0.	0.146	0.382	0.	0.	0.173	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	9	83.	108.444	310.	20.	7586.278	87.099	20.	52.	147.5	310.
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	12	1.	1.292	2.	0.5	0.248	0.498	0.65	1.	1.875	2.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	9	0.94	0.969	1.52	0.55	0.076	0.275	0.55	0.795	1.12	1.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	12 ##	0.5	0.675	2.6	0.5	0.368	0.606	0.5	0.5	0.5	1.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	11	22.	20.545	28.	5.	46.673	6.832	6.8	15.	25.	27.8
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	12	10.	10.125	12.8	8.5	2.206	1.485	8.5	8.675	11.225	12.71
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	4	0.6	0.6	0.9	0.3	0.06	0.245	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	9	6.6	6.6	6.9	6.4	0.025	0.158	6.4	6.45	6.7	6.9
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	9	6.6	6.576	6.9	6.4	0.026	0.16	6.4	6.45	6.7	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	9	0.251	0.266	0.398	0.126	0.008	0.091	0.126	0.2	0.357	0.398
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	9	6.6	6.567	6.9	6.2	0.045	0.212	6.2	6.4	6.7	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	9	6.6	6.52	6.9	6.2	0.047	0.218	6.2	6.4	6.7	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	9	0.251	0.302	0.631	0.126	0.024	0.155	0.126	0.2	0.398	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	9	4.	4.	6.	2.	2.75	1.658	2.	2.5	6.	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	8	5.	4.75	6.	2.	2.214	1.488	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	11	28.	24.818	40.	7.	113.364	10.647	8.2	14.	33.	38.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	11	2.	2.364	7.	0.5	4.005	2.001	0.5	1.	4.	6.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	15.5	18.4	50.	2.	238.933	15.457	2.3	5.	30.	48.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	1.171	1.087	1.699	0.301	0.204	0.452	0.341	0.699	1.477	1.677
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.22								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	10	30.	35.	50.	25.	77.778	8.819	25.5	30.	42.5	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	10	10.5	11.	23.	3.	40.222	6.342	3.2	5.	17.	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	10	16.	14.5	24.	4.	81.833	9.046	4.	4.	23.25	24.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	10	50.	47.5	100.	10.	762.5	27.613	10.	25.	63.75	97.5
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	10	5.	8.	20.	5.	23.333	4.83	5.	5.	10.	19.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	5	32.	60.6	166.	27.	3569.3	59.744	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	10	1.5	1.5	2.	1.	0.167	0.408	1.	1.	2.	2.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	6	0.705	0.75	1.15	0.58	0.045	0.211	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	13 ##	0.5	0.692	1.6	0.5	0.142	0.377	0.5	0.5	0.85	1.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	6	26.	25.667	35.	10.	86.667	9.309	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	10	10.45	10.14	11.6	8.4	1.214	1.102	8.44	9.175	10.925	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	8	0.7	0.975	2.3	0.3	0.654	0.808	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.55	6.6	6.9	6.4	0.036	0.189	6.4	6.4	6.8	6.89
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	10	6.547	6.565	6.9	6.4	0.037	0.192	6.4	6.4	6.8	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	10	0.284	0.272	0.398	0.126	0.012	0.108	0.129	0.158	0.398	0.398
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	9	6.6	6.589	6.8	6.3	0.026	0.162	6.3	6.5	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	9	6.6	6.561	6.8	6.3	0.027	0.164	6.3	6.5	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	9	0.251	0.275	0.501	0.158	0.012	0.11	0.158	0.205	0.325	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	9	4.	4.333	6.	3.	1.5	1.225	3.	3.	5.5	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	9	4.	4.333	6.	3.	1.5	1.225	3.	3.	5.5	6.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	10	27.5	26.5	41.	9.	105.833	10.288	9.8	17.75	34.5	40.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	10	2.	2.25	6.	0.5	3.236	1.799	0.5	0.5	3.25	5.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	4.	6.3	26.	0.5	58.844	7.671	0.5	0.875	9.25	24.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	10	0.588	0.512	1.415	-0.301	0.323	0.568	-0.301	-0.075	0.966	1.373

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C											
	GEOMETRIC MEAN =			3.25								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11	40.	47.727	100.	25.	696.818	26.397	26.	30.	40.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	12.	12.75	21.	2.	37.295	6.107	2.9	9.25	18.75	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	17.	16.636	28.	7.	54.855	7.406	7.	9.	23.	27.4
00032	CLOUD COVER (PERCENT)	12	50.	46.833	100.	0.	1139.424	33.755	0.6	13.75	68.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	12	5.	4.083	5.	0.	3.72	1.929	0.	4.25	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.058	0.3	0.	0.008	0.009	0.	0.	0.1	0.24
00061	FLOW, STREAM, INSTANTANEOUS CFS	12	114.	157.917	458.	57.	13214.629	114.955	63.3	89.25	175.	411.8
00064	DEPTH OF STREAM, MEAN (FT)	11	1.5	1.464	2.	0.9	0.219	0.467	0.92	1.	2.	2.
00065	STAGE, STREAM (FEET)	12	1.	1.092	1.72	0.78	0.068	0.262	0.819	0.942	1.175	1.642
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10	1.75	1.56	2.5	0.5	0.752	0.867	0.5	0.5	2.425	2.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9	13.	13.444	22.	10.	13.028	3.609	10.	11.	14.5	22.
00300	OXYGEN, DISSOLVED MG/L	12	9.6	9.442	11.4	7.9	1.075	1.037	7.99	8.6	10.15	11.16
00310	BOD, 5 DAY, 20 DEG C MG/L	4	0.4	0.375	0.6	0.1	0.049	0.222	**	**	**	**
00400	PH (STANDARD UNITS)	10	6.825	6.809	7.1	6.2	0.071	0.267	6.24	6.675	7.01	7.094
00400	CONVERTED PH (STANDARD UNITS)	10	6.824	6.719	7.1	6.2	0.08	0.283	6.24	6.675	7.01	7.094
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.15	0.191	0.631	0.079	0.027	0.164	0.081	0.098	0.212	0.593
00403	PH, LAB, STANDARD UNITS SU	5	6.4	6.44	6.6	6.3	0.013	0.114	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	5	6.4	6.428	6.6	6.3	0.013	0.115	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.398	0.373	0.501	0.251	0.009	0.095	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	4.5	4.5	6.	3.	1.667	1.291	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	8	5.	5.5	12.	3.	7.714	2.777	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12	33.	34.917	51.	17.	92.447	9.615	20.	28.	43.5	49.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	1.	1.917	6.	0.5	2.583	1.607	0.5	1.	3.	5.1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10	1.5	12.5	80.	0.5	615.278	24.805	0.5	0.5	18.25	73.9
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10	0.151	0.401	1.903	-0.301	0.656	0.81	-0.301	-0.301	1.261	1.841
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12	50.	55.833	110.	30.	681.061	26.097	33.	40.	50.	110.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	14.	12.455	20.	2.	26.873	5.184	3.	8.	16.	19.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	18.	16.708	30.	5.	68.112	8.253	5.3	8.375	21.75	29.4
00032	CLOUD COVER (PERCENT)	12	50.	56.667	100.	0.	1292.424	35.95	6.	25.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12	5.	4.083	10.	0.	12.083	3.476	0.	0.5	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.038	0.3	0.	0.008	0.088	0.	0.	0.039	0.24
00061	FLOW, STREAM, INSTANTANEOUS CFS	11	162.	139.455	206.	43.	3588.273	59.902	45.4	80.	185.	206.
00064	DEPTH OF STREAM, MEAN (FT)	12	2.	1.692	2.	0.7	0.192	0.438	0.82	1.5	2.	2.
00065	STAGE, STREAM (FEET)	12	1.145	1.5383	173.	0.71	2463.804	49.637	0.728	0.898	1.238	121.475
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12	1.	1.083	2.	0.5	0.22	0.469	0.5	0.625	1.5	1.85
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9	14.	15.333	20.	12.	10.25	3.202	12.	12.5	19.	20.
00300	OXYGEN, DISSOLVED MG/L	11	10.	9.964	11.6	8.4	1.225	1.107	8.46	8.9	11.1	11.54
00310	BOD, 5 DAY, 20 DEG C MG/L	4	0.3	0.275	0.4	0.1	0.023	0.15	**	**	**	**
00400	PH (STANDARD UNITS)	12	6.65	6.547	6.88	5.38	0.162	0.403	5.656	6.5	6.8	6.856
00400	CONVERTED PH (STANDARD UNITS)	12	6.647	6.246	6.88	5.38	0.261	0.511	5.656	6.5	6.8	6.856
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.225	0.568	4.169	0.132	1.297	1.139	0.14	0.158	0.316	3.068

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	2	6.6	6.6	6.9	6.3	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	2	6.504	6.504	6.9	6.3	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	2	0.314	0.314	0.501	0.126	0.07	0.265	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	3	3.	4.	6.	3.	3.	1.732	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	10	5.	5.1	8.	3.	1.878	1.37	3.1	4.	6.	7.8
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	12	30.	29.75	46.	17.	78.205	8.843	18.2	21.75	36.5	44.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	12	1.	1.708	5.	0.5	1.748	1.322	0.65	1.	2.75	4.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	6	22.	16.667	31.	0.5	167.767	12.952	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	6	1.342	0.826	1.491	-0.301	0.765	0.874	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			6.695								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	10	100.	85.7	112.	50.	491.567	22.171	51.	60.	100.	110.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	10	13.5	13.46	21.	5.6	23.627	4.861	5.74	10.75	16.25	20.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	10	18.	17.65	31.	4.5	55.892	7.476	5.15	11.75	22.	30.4
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	8	75.	65.625	100.	5.	1567.411	39.591	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	5	5.1	6.02	10.	0.	17.452	4.178	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	5	0.5	0.6	2.	0.	0.675	0.822	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	10	2.5	2.22	3.	1.	0.795	0.892	1.	1.15	3.	3.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	9	1.	1.	2.5	0.5	0.438	0.661	0.5	0.5	1.25	2.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	10	21.	20.4	27.	13.	18.711	4.326	13.2	17.25	23.5	26.8
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	10	9.75	9.82	11.6	7.8	1.955	1.398	7.87	8.65	11.125	11.59
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	9	6.8	6.389	7.1	4.6	0.629	0.793	4.6	5.95	6.9	7.1
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	9	6.8	5.5	7.1	4.6	1.518	1.232	4.6	5.95	6.9	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	9	0.158	3.163	25.119	0.079	68.03	8.248	0.079	0.129	1.19	25.119
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	3	6.5	6.033	6.7	4.9	0.973	0.987	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	3	6.5	5.36	6.7	4.9	1.654	1.286	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	3	0.316	4.368	12.589	0.2	50.691	7.12	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	9	6.	9.444	40.	0.	145.278	12.053	0.	4.	10.5	40.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	6	30.5	32.833	44.	26.	53.367	7.305	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	10	1.	1.7	5.	0.5	2.789	1.67	0.5	0.5	3.25	4.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	8	3.5	7.5	25.	0.5	84.214	9.177	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	8	0.54	0.504	1.398	-0.301	0.44	0.664	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			3.193								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	12	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	12	11.5	11.083	18.	2.	29.174	5.401	2.9	6.25	16.5	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	12	18.	17.	26.	7.	50.182	7.084	7.3	9.5	24.25	26.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	12	65.	64.167	100.	0.	1371.97	37.04	3.	35.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	3	5.	4.333	5.	3.	1.333	1.155	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	6	0.15	0.45	2.	0.	0.587	0.766	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	13	96.	137.462	330.	42.	7262.436	85.22	48.	79.	183.	304.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00064	DEPTH OF STREAM, MEAN (FT)	12	2.	2.083	3.	2.	0.083	0.289	2.	2.	2.	2.7
00065	STAGE, STREAM (FEET)	12	1.015	1.075	1.51	0.74	0.053	0.229	0.767	0.915	1.22	1.471
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12 ##	0.5	0.817	2.	0.5	0.258	0.508	0.5	0.5	1.2	1.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12	18.	17.917	25.	11.	20.083	4.481	11.6	14.25	21.5	25.
00300	OXYGEN, DISSOLVED MG/L	12	9.55	9.925	12.9	8.3	2.335	1.528	8.33	8.55	11.125	12.63
00400	PH (STANDARD UNITS)	12	6.	6.133	7.2	4.6	0.588	0.767	4.81	5.75	6.9	7.14
00400	CONVERTED PH (STANDARD UNITS)	12	5.989	5.502	7.2	4.6	1.022	1.011	4.81	5.75	6.9	7.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	1.027	3.145	25.119	0.063	49.743	7.053	0.074	0.126	1.811	19.087
00403	PH, LAB, STANDARD UNITS SU	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	12	3.5	3.667	8.	0.	5.697	2.387	0.3	2.	5.5	7.7
00500	RESIDUE, TOTAL (MG/L)	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12 ##	0.5	1.625	7.	0.5	4.006	2.001	0.5	0.5	2.	6.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12 ##	0.5	1.125	6.	0.5	2.551	1.597	0.5	0.5	0.875	4.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12 ##	-0.301	-0.136	0.778	-0.301	0.117	0.342	-0.301	-0.301	-0.075	0.635
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =			0.731					

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	11.	12.182	22.	5.	39.964	6.322	5.	5.	18.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	23.	20.364	30.	10.	49.855	7.061	10.4	14.	26.	29.6
00032	CLOUD COVER (PERCENT)	11	20.	37.727	100.	0.	1611.818	40.147	0.	5.	90.	99.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	7	0.	1.571	5.	0.	4.286	2.07	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	10	0.	0.15	1.	0.	0.105	0.324	0.	0.	0.175
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	9	117.	182.111	736.	20.	52002.111	228.04	20.	24.	259.
00064	DEPTH OF STREAM, MEAN (FT)	12/17/83-12/15/94	11	2.	2.	2.	0.	0.	2.	2.	2.	2.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	9	1.03	1.06	2.09	0.55	0.249	0.499	0.55	0.595	1.37
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	11 ##	0.5	0.564	1.2	0.5	0.045	0.211	0.5	0.5	1.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	11	15.	16.182	21.	14.	5.964	2.442	14.	14.	18.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	11	9.6	9.682	11.5	8.1	1.094	1.046	8.2	8.8	10.7
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.2	6.318	7.1	5.8	0.134	0.366	5.84	6.	7.
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.2	6.201	7.1	5.8	0.149	0.386	5.84	6.	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	11	0.631	0.629	1.585	0.079	0.195	0.442	0.114	0.316	1.
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	1	3.	3.	3.	3.	0.	0.	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	10	3.5	3.8	7.	2.	2.844	1.687	2.	2.	5.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	11	2.	1.727	4.	0.5	1.718	1.311	0.5	0.5	4.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11 ##	0.5	0.909	3.	0.5	0.691	0.831	0.5	1.	2.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11 ##	-0.301	-0.148	0.477	-0.301	0.08	0.283	-0.301	-0.301	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =			0.711					

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	11	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	11	12.	11.909	19.	5.	24.491	4.949	5.2	7.	16.	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	11	20.	17.545	26.	6.	44.673	6.684	6.2	13.	23.	25.4
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	11	90.	57.273	100.	0.	2081.818	45.627	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	11	3.	1.818	5.	0.	3.364	1.834	0.	0.	3.	4.6
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	11	0.1	1.164	10.	0.	8.741	2.956	0.	0.	1.	8.2
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	11 ##	0.5	0.918	3.9	0.5	1.108	1.052	0.5	0.5	0.5	3.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	11	13.	12.636	17.	11.	2.855	1.69	11.	11.	13.	16.2
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	11	9.6	9.636	11.1	7.8	0.863	0.929	7.98	9.	10.4	10.98
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.2	6.191	6.7	5.6	0.157	0.396	5.62	5.8	6.6	6.68
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	11	6.2	6.033	6.7	5.6	0.184	0.429	5.62	5.8	6.6	6.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	11	0.631	0.927	2.512	0.2	0.64	0.8	0.21	0.251	1.585	2.409
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	11 ##	0.5	0.909	3.	0.5	0.691	0.831	0.5	0.5	1.	2.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11 ##	0.5	5.227	33.	0.5	115.318	10.739	0.5	0.5	1.	30.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	11 ##	-0.301	0.063	1.519	-0.301	0.453	0.673	-0.301	-0.301	0.	1.471
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.155								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	22	87.5	70.	100.	25.	1040.476	32.256	30.	37.5	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	44	18.	17.591	23.	11.	8.666	2.944	13.	15.25	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	41	22.	22.61	30.	12.	17.144	4.141	17.	20.5	26.	28.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	40	50.	49.875	100.	0.	1391.651	37.305	0.	20.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	15	3.	2.467	5.	0.	4.981	2.232	0.	0.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	37	0.	0.365	10.	0.	2.706	1.645	0.	0.	0.1	0.52
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	37	55.	78.757	458.	16.	8374.911	91.515	20.8	27.	81.5	195.4
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	22	2.	1.932	3.	1.	0.198	0.444	1.5	1.5	2.	2.7
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	37	0.77	0.823	1.72	0.52	0.074	0.272	0.558	0.625	0.94	1.228
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	33 ##	0.5	1.009	3.	0.5	0.505	0.71	0.5	0.5	1.5	2.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	37	19.	17.973	26.	10.	23.971	4.896	10.8	13.	22.	24.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	42	8.7	8.743	10.2	7.8	0.33	0.575	7.96	8.4	9.2	9.57
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/07/69-09/24/85	14	90.	90.786	97.	85.	12.181	3.49	86.	88.	94.25	96.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	19	0.5	0.521	1.	0.1	0.053	0.23	0.2	0.4	0.7	0.9
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	39	6.6	6.533	7.1	5.3	0.138	0.371	5.9	6.4	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	39	6.6	6.311	7.1	5.3	0.189	0.434	5.9	6.4	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	39	0.251	0.489	5.012	0.079	0.699	0.836	0.1	0.158	0.398	1.259
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	23	6.6	6.626	7.	6.3	0.03	0.174	6.34	6.5	6.7	6.86
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	23	6.6	6.593	7.	6.3	0.031	0.177	6.34	6.5	6.7	6.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	23	0.251	0.255	0.501	0.1	0.011	0.105	0.139	0.2	0.316	0.46
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	25	5.	4.92	6.	3.	0.66	0.812	4.	4.	5.5	6.
00431	ALKALINITY, TOTAL, FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	32	5.	5.406	14.	2.	5.475	2.34	3.	4.	6.	7.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	28	30.5	30.75	61.	6.	169.75	13.029	15.8	21.25	38.25	49.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	39	1.	3.282	52.	0.5	67.392	8.209	0.5	0.5	3.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/81-12/15/94	18	0.028	0.032	0.06	0.01	0.	0.016	0.019	0.02	0.043	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/81-12/15/94	18	0.1	0.153	0.3	0.05	0.007	0.087	0.05	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/81-12/15/94	18	0.105	0.104	0.16	0.04	0.001	0.034	0.058	0.078	0.133	0.151
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/81-12/15/94	18	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.026
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/17/83-12/15/94	17	6.	4.912	9.	0.5	4.32	2.078	1.7	4.	6.	7.4
01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/81-12/15/94	19 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/81-12/15/94	19 ##	1.	5.368	25.	1.	59.135	7.69	1.	1.	10.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/81-12/15/94	19 ##	12.5	15.789	25.	12.5	31.981	5.655	12.5	12.5	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	06/23/81-12/15/94	19 ##	4.	5.632	20.	1.	35.468	5.955	1.	1.	10.	20.
01045	IRON, TOTAL (UG/L AS FE)	06/23/81-12/15/94	10	59.5	207.3	1300.	25.	156108.456	395.106	25.	25.	160.	1204.
01051	LEAD, TOTAL (UG/L AS PB)	06/23/81-12/15/94	19 ##	5.	18.947	50.	5.	401.608	20.04	5.	5.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	06/23/81-12/15/94	19 ##	5.	20.	50.	5.	391.667	19.791	5.	5.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/81-12/15/94	19 ##	5.	8.263	25.	5.	40.094	6.332	5.	5.	10.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-12/15/94	12 ##	38.	147.167	1100.	25.	92543.606	304.21	25.	25.	130.	821.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	38	20.	132.105	3300.	0.5	284781.421	533.649	0.5	4.75	52.5	140.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	38	1.301	1.222	3.519	-0.301	0.737	0.859	-0.301	0.675	1.719	2.139
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				16.679								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/81-06/27/91	9 ##	0.005	0.009	0.025	0.005	0.	0.009	0.005	0.005	0.015	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/71-12/15/94	19 ##	0.1	0.118	0.3	0.1	0.003	0.056	0.1	0.1	0.1	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	46	100.	74.5	112.	25.	899.056	29.984	30.	47.5	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	76	7.	7.08	17.	0.	14.77	3.843	2.	5.	10.	12.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	75	10.	10.413	26.	-3.	39.361	6.274	4.	7.	15.	19.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	74	50.	50.568	100.	0.	1560.002	39.497	0.	8.75	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	36	5.	4.781	20.	0.	14.636	3.826	0.	3.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	69	0.	0.191	2.	0.	0.195	0.442	0.	0.	0.1	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	59	123.	171.136	917.	22.	30087.636	173.458	56.	78.	185.	304.
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	46	2.	1.77	3.	0.5	0.356	0.597	1.	1.35	2.	2.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	60	1.095	3.978	173.	0.61	492.528	22.193	0.78	0.873	1.228	1.46
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	59 ##	0.5	1.012	8.	0.4	1.783	1.335	0.5	0.5	1.	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	64	15.	16.656	42.	5.	34.324	5.859	11.5	13.	19.75	25.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	75	10.7	10.821	13.2	8.6	0.931	0.965	9.7	10.2	11.5	12.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/07/69-09/24/85	17	90.	90.176	97.	85.	12.779	3.575	85.	87.	91.5	96.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	33	0.3	0.527	3.7	0.1	0.47	0.686	0.1	0.25	0.5	0.9
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	70	6.5	6.415	7.1	4.6	0.217	0.466	5.9	6.3	6.6	6.99
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	70	6.5	5.921	7.1	4.6	0.465	0.682	5.9	6.3	6.6	6.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	70	0.316	1.2	25.119	0.079	17.445	4.177	0.103	0.251	0.501	1.259
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	49	6.4	6.382	6.7	4.9	0.101	0.318	6.1	6.3	6.6	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	49	6.4	6.12	6.7	4.9	0.171	0.414	6.1	6.3	6.6	6.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	49	0.398	0.759	12.589	0.2	3.713	1.927	0.251	0.251	0.501	0.794
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	48	4.	3.833	7.	2.	1.504	1.226	2.	3.	4.75	6.
00431	ALKALINITY TOTAL (MG/L AS CaCO3)	04/21/81-10/22/93	57	3.	4.158	40.	0.	25.814	5.081	1.8	3.	5.	6.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	57	28.	29.088	67.	7.	141.653	11.902	16.4	22.	34.	42.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	75	1.	3.06	53.	0.5	69.094	8.312	0.5	0.5	3.	4.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/81-12/15/94	41	0.02	0.025	0.07	0.005	0.	0.019	0.005	0.01	0.035	0.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/81-12/15/94	41	0.1	0.142	0.5	0.005	0.01	0.099	0.05	0.05	0.2	0.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/81-12/15/94	41	0.13	0.117	0.33	0.005	0.004	0.065	0.012	0.075	0.15	0.178
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/81-12/15/94	41	0.01	0.013	0.08	0.005	0.	0.015	0.005	0.005	0.01	0.024
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/17/83-12/15/94	36	4.	4.556	10.	1.	4.14	2.035	2.	4.	5.75	8.
01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/81-12/15/94	41 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/81-12/15/94	41 ##	1.	4.098	25.	1.	34.74	5.894	1.	1.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/81-12/15/94	41 ##	12.5	15.244	25.	12.5	27.439	5.238	12.5	12.5	12.5	25.
01042	COPPER, TOTAL (UG/L AS CU)	06/23/81-12/15/94	41 ##	3.	4.951	20.	1.	23.548	4.853	1.	1.	8.	10.
01045	IRON, TOTAL (UG/L AS FE)	06/23/81-12/15/94	20 ##	25.	49.9	260.	25.	3171.884	56.319	25.	25.	68.5	99.1
01051	LEAD, TOTAL (UG/L AS PB)	06/23/81-12/15/94	41 ##	5.	16.829	50.	5.	352.195	18.767	5.	5.	25.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	06/23/81-12/15/94	40 ##	5.	18.175	50.	5.	320.661	17.907	5.	5.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/81-12/15/94	41 ##	5.	7.268	25.	5.	23.351	4.832	5.	5.	10.	11.6
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-12/15/94	25 ##	25.	82.56	500.	25.	11026.34	105.006	25.	25.	100.	220.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	69 ##	5.	30.826	970.	0.5	16744.565	129.401	0.5	0.5	10.	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	69 ##	0.699	0.532	2.987	-0.301	0.609	0.78	-0.301	-0.301	1.	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/81-12/15/94	69 ##	5.	3.402	970.	0.5	16744.565	129.401	0.5	0.5	10.	30.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/81-06/27/91	20 ##	0.005	0.008	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.024
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/71-12/15/94	41 ##	0.1	0.12	0.6	0.1	0.007	0.084	0.1	0.1	0.1	0.1

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	02/17/83-12/15/94	24	50.	63.75	100.	30.	887.5	29.791	30.	40.	100.	100.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/69-12/15/94	45	15.	14.933	21.	6.	10.7	3.271	11.	13.	17.	19.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/23/81-12/15/94	39	23.	22.282	31.	10.	20.682	4.548	17.	20.	25.	28.
00032	CLOUD COVER (PERCENT)	04/21/81-12/15/94	41	50.	51.951	100.	0.	1707.348	41.32	0.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	22	5.	3.773	10.	0.	11.708	3.422	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/21/81-12/15/94	40	0.	0.127	1.	0.	0.08	0.283	0.	0.	0.078	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/81-09/21/93	32	108.	137.719	330.	38.	7137.628	84.484	49.8	75.75	189.25	296.3
00064	DEPTH OF STREAM, MEAN (FT)	02/17/83-12/15/94	24	2.	1.646	2.	1.	0.228	0.477	1.	1.	2.	2.
00065	STAGE, STREAM (FEET)	04/21/81-09/21/93	32	1.01	1.053	1.52	0.71	0.053	0.229	0.753	0.903	1.225	1.444
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/21/81-12/15/94	34 ##	0.5	0.932	3.	0.5	0.465	0.682	0.5	0.5	1.	2.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/81-12/15/94	39	15.	19.205	47.	11.	65.904	8.118	13.	13.	22.	35.
00300	OXYGEN, DISSOLVED MG/L	07/21/71-12/15/94	42	9.1	9.279	11.5	8.2	0.579	0.761	8.4	8.6	9.825	10.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/07/69-09/24/85	16	90.5	91.938	118.	83.	64.329	8.021	83.	87.5	93.75	104.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/21/81-06/27/91	21	0.4	0.5	2.3	0.2	0.201	0.448	0.2	0.3	0.55	0.86
00400	PH (STANDARD UNITS)	06/09/70-12/15/94	43	6.7	6.644	8.	5.8	0.161	0.401	6.1	6.5	6.8	6.96
00400	CONVERTED PH (STANDARD UNITS)	06/09/70-12/15/94	43	6.7	6.476	8.	5.8	0.19	0.436	6.1	6.5	6.8	6.96

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/70-12/15/94	43	0.2	0.334	1.585	0.01	0.122	0.35	0.11	0.158	0.316	0.794
00403	PH, LAB, STANDARD UNITS SU	04/21/81-01/14/93	26	6.5	6.554	6.9	6.1	0.028	0.168	6.37	6.5	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/81-01/14/93	26	6.5	6.521	6.9	6.1	0.029	0.171	6.37	6.5	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/81-01/14/93	26	0.316	0.301	0.794	0.126	0.018	0.132	0.158	0.2	0.316	0.429
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/09/70-01/14/93	28	4.5	4.464	7.	2.	1.665	1.29	3.	3.	5.75	6.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/81-10/22/93	35	5.	4.514	8.	2.	2.139	1.463	2.	4.	6.	6.
00500	RESIDUE, TOTAL (MG/L)	06/08/72-02/10/92	30	26.5	28.7	51.	15.	92.7	9.628	16.1	21.75	34.	44.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/71-12/15/94	39	2.	2.333	7.	0.5	3.228	1.797	0.5	1.	3.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/81-12/15/94	20	0.025	0.034	0.08	0.01	0.	0.022	0.01	0.02	0.058	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/81-12/15/94	20	0.1	0.135	0.3	0.05	0.007	0.083	0.05	0.05	0.2	0.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/81-12/15/94	20	0.105	0.104	0.18	0.05	0.001	0.031	0.053	0.08	0.12	0.139
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/81-12/15/94	20	0.01	0.017	0.09	0.005	0.	0.02	0.005	0.005	0.024	0.039
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/17/83-12/15/94	18	5.	4.583	8.	0.5	4.125	2.031	0.95	4.	5.25	8.
01002	ARSENIC, TOTAL (UG/L AS AS)	06/23/81-12/15/94	19##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	06/23/81-12/15/94	20##	1.	5.15	25.	1.	56.976	7.548	1.	1.	8.75	23.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/81-12/15/94	20##	12.5	15.625	25.	12.5	30.839	5.553	12.5	12.5	21.875	25.
01042	COPPER, TOTAL (UG/L AS CU)	06/23/81-12/15/94	20##	5.	6.	20.	1.	34.105	5.84	1.	1.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	06/23/81-12/15/94	10##	47.	71.3	200.	25.	3535.789	59.462	25.	25.	105.25	193.
01051	LEAD, TOTAL (UG/L AS PB)	06/23/81-12/15/94	20##	5.	18.25	50.	5.	390.197	19.753	5.	5.	43.75	50.
01067	NICKEL, TOTAL (UG/L AS NI)	06/23/81-12/15/94	20##	5.	19.65	50.	5.	373.503	19.326	5.	5.	43.75	50.
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/81-12/15/94	20##	5.	9.65	29.	5.	63.924	7.995	5.	5.	10.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-12/15/94	11	66.	72.818	200.	25.	2856.764	53.449	25.	25.	100.	182.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	36	14.5	35.167	330.	0.5	4256.314	65.24	0.5	2.	33.75	98.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/21/81-12/15/94	36	1.139	0.937	2.519	-0.301	0.709	0.842	-0.301	0.301	1.527	1.976
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8.644								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/81-06/27/91	11##	0.005	0.009	0.025	0.005	0.	0.008	0.005	0.005	0.005	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/71-12/15/94	20##	0.1	0.108	0.25	0.1	0.001	0.034	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0197

NPS Station ID: BLRI0197
 Location: CURTIS CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 03050101
 Major Basin:
 Minor Basin:
 RF1 Index: 03050101
 RF3 Index: 03050101006300.00

LAT/LON: 35.702504/ -82.192782

Depth of Water: 3
 Elevation: 683
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.25

Agency: 12NSS
 FIPS State/County: 37111 NORTH CAROLINA/MCDOWELL
 STORET Station ID(s): 2A07815U /2AS2A07815U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.50
 Distance from RF3: 0.08

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0197

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/85-07/16/85	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/16/85-07/16/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/16/85-07/16/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/16/85-07/16/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/85-07/16/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/16/85-07/16/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/16/85-07/16/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/85-07/16/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	07/16/85-07/16/85	1	86.6	86.6	86.6	86.6	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/16/85-07/16/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/85-07/16/85	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/16/85-07/16/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/16/85-07/16/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/16/85-07/16/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/16/85-07/16/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/16/85-07/16/85	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/16/85-07/16/85	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/16/85-07/16/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/16/85-07/16/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/16/85-07/16/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/16/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/16/85-07/16/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/16/85-07/16/85	1	98.	98.	98.	98.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/16/85-07/16/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	07/16/85-07/16/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/16/85-07/16/85	1	2240.	2240.	2240.	2240.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/16/85-07/16/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	07/16/85-07/16/85	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0197

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
		Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	250.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	44.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0198

NPS Station ID: BLRI0198
 Location: LOCUST CREEK NEAR CELO N C
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108023
 RF3 Index: 06010108001405.59
 Description:

LAT/LON: 35.811670/ -82.197781

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 18.730
 RF3 Mile Point: 6.05

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 03463292
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-10/03/77	3	12.	13.167	16.	11.5	6.083	2.466	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/23/73-08/08/74	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/73-03/10/78	4	17.	16.25	18.	13.	4.917	2.217	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/73-08/08/74	2	7.	7.	7.6	6.4	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/73-08/08/74	2	6.674	6.674	7.6	6.4	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/73-08/08/74	2	0.212	0.212	0.398	0.025	0.07	0.264	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-08/08/74	2	2.05	2.05	3.8	0.3	6.125	2.475	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/73-08/08/74	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/23/73-08/08/74	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/23/73-10/23/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	2	0.21	0.21	0.36	0.06	0.045	0.212	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/03/77-03/10/78	2	0.04	0.04	0.08	0.	0.003	0.057	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	2###	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/77-03/10/78	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/77-03/10/78	2	0.165	0.165	0.27	0.06	0.022	0.148	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/77-03/10/78	2##	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/03/77-03/10/78	2	0.01	0.01	0.02	0.	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/77-03/10/78	2##	0.07	0.07	0.09	0.05	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/77-03/10/78	2	0.165	0.165	0.27	0.06	0.022	0.148	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/77-03/10/78	2	0.185	0.185	0.3	0.07	0.026	0.163	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/03/77-03/10/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/77-03/10/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/77-03/10/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/73-08/08/74	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/23/73-08/08/74	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/73-08/08/74	2	1.95	1.95	3.	0.9	2.205	1.485	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/23/73-08/08/74	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/23/73-08/08/74	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/23/73-08/08/74	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/23/73-08/08/74	2	22.5	22.5	29.	16.	84.5	9.192	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/73-08/08/74	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/23/73-08/08/74	2	0.4	0.4	0.7	0.1	0.18	0.424	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/73-08/08/74	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/73-08/08/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/23/73-08/08/74	2	6.3	6.3	6.7	5.9	0.32	0.566	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/77-03/10/78	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/77-03/10/78	2##	2.	2.	3.	1.	2.	1.414	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/03/77-03/10/78	2##	4.	4.	4.5	3.5	0.5	0.707	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/77-03/10/78	2##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/77-03/10/78	2##	1.	1.	2.	0.	2.	1.414	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	10/03/77-03/10/78	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/03/77-03/10/78	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/03/77-03/10/78	2	145.	145.	220.	70.	11250.	106.066	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/77-03/10/78	2	55.	55.	60.	50.	50.	7.071	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/77-03/10/78	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	10/03/77-03/10/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/03/77-03/10/78	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/77-03/10/78	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L AS ZN)	10/03/77-03/10/78	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/03/77-03/10/78	2##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/77-03/10/78	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-08/08/74	2	22.	22.	30.	14.	128.	11.314	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-08/08/74	2	17.	17.	18.	16.	2.	1.414	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-08/08/74	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/03/77-03/10/78	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/03/77-03/10/78	2	0.95	0.95	1.6	0.3	0.845	0.919	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/03/77-03/10/78	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/77-03/10/78	2	4.5	4.5	7.	2.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0198

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00	1	0	0.00							
00615	NITRITE NITROGEN, TOTAL AS N		1	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00							
00945	SULFATE, TOTAL (AS SO4)		250.	2	0	0.00	1	0	0.00	1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F		4.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00							
01030	CHROMIUM, DISSOLVED		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01031	CHROMIUM, SUSPENDED		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01041	COPPER, SUSPENDED																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01042	COPPER, TOTAL																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01049	LEAD, DISSOLVED																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00							
01050	LEAD, SUSPENDED																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00							
01051	LEAD, TOTAL																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00							
01090	ZINC, DISSOLVED																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0198

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01091	ZINC, SUSPENDED																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
01092	ZINC, TOTAL																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
01147	SELENIUM, TOTAL																	
	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0199

NPS Station ID: BLRI0199
 Location: CAROLINA HEMLOCKS SWIMMING BEACH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin: TENNESSEE R
 Minor Basin: FRENCH BROAD R
 RF1 Index: 06010108023
 RF3 Index: 06010108002317.83

LAT/LON: 35.803615/ -82.200838

 Depth of Water: 0
 Elevation: 0

 RF1 Mile Point: 20.220
 RF3 Mile Point: 18.76

Agency: 1118ATL8
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 110807 /080101004701
 Within Park Boundary: No

Date Created: 08/10/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: OFF
 On/Off RF3:

Description:
 SWIMMING AREA.FECAL COLIFORM MONITORED WEEKLY DURING PERIOD OF USE BY M. F. METHOD.PH BY HACH COLOR/METER.ORIGINAL DATA AND MORE INFORMATION
 AVAILABLE AT NATIONAL FORESTS IN NORTH CAROLINA SUPERVISORS OFFICE ASHEVILLE,NC FTS 6720601 OR COMMERCIAL 7042582850 ESTABLISHED SWIMMING
 AREA CAROLINA HEMLOCK SWIMMING BEACH IS LOCATED ON THE SOUTH TOE RIVER

Parameter Inventory for Station: BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/81-08/31/81	10	18.5	18.3	19.	17.	0.678	0.823	17.	17.75	19.	19.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/29/75-06/21/78	41	63.	62.754	73.4	48.2	35.287	5.94	54.5	59.	67.1	71.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/81-08/31/81	10	23.	22.9	28.	20.	4.544	2.132	20.1	21.75	23.25	27.6
00400	PH (STANDARD UNITS)	05/29/75-08/30/76	26	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00400	CONVERTED PH (STANDARD UNITS)	05/29/75-08/30/76	26	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/75-08/30/76	26	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/74-08/31/81	81	86.	155.333	1900.	2.	72174.2	268.653	12.8	35.5	198.5	274.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/74-08/31/81	81	1.934	1.86	3.279	0.301	0.306	0.553	1.104	1.55	2.298	2.439
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			72.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0199

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	26	0	0.00	18	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	26	0	0.00	18	0	0.00	8	0	0.00			
	Other-Hi Lim.	200.	81	20	0.25	56	15	0.27	25	5	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	11	100.	428.545	1900.	2.	402991.473	634.816	2.6	7.	800.	1780.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	11	2.	1.977	3.279	0.301	0.978	0.989	0.381	0.845	2.903	3.246
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		94.761									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	10	47.5	84.3	233.	20.	6274.456	79.211	20.4	33.75	152.5	230.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	10	1.677	2.112	2.367	1.301	0.14	0.374	1.309	1.521	2.174	2.363
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		59.03									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	20	176.5	181.55	505.	10.	17342.155	131.69	46.	54.75	269.	400.4
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	20	2.244	2.112	2.703	1.	0.175	0.419	1.663	1.737	2.43	2.6
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		129.438									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	15	86.	112.533	262.	34.	5288.41	72.721	38.2	52.	137.	244.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	15	1.934	1.971	2.418	1.531	0.075	0.273	1.58	1.716	2.137	2.387
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		93.534									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	5	41.	80.2	191.	20.	4970.7	70.503	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	5	1.613	1.767	2.281	1.301	0.151	0.389	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		58.461									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	8	19.5	68.625	404.	8.	18538.554	136.156	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	8	1.255	1.399	2.606	0.903	0.315	0.561	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		25.082									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	12	48.	63.	160.	16.	2809.818	53.008	16.	16.	112.5	148.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	12	1.554	1.617	2.204	1.204	0.191	0.437	1.204	1.204	2.048	2.167
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		41.359									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	56	97.	187.821	1900.	2.	98813.313	314.346	11.4	38.75	218.	407.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	56	1.987	1.925	3.279	0.301	0.345	0.587	1.055	1.587	2.338	2.61
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		84.086									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	25	46.	82.56	266.	8.	6154.09	78.448	13.6	20.	116.5	220.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/09/74-08/31/81	25	1.663	1.716	2.425	0.903	0.198	0.445	1.122	1.301	2.062	2.342
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		52.014									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0200

NPS Station ID: BLRI0200
 Location: BLACK MOUNTAIN CAMPGROUND
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010108
 RF3 Index: 06010108078200.00
 Description:

LAT/LON: 35.753615/ -82.223059

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 1118ATL8
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 110801
 Within Park Boundary: No

Date Created: 11/18/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 24.10
 Distance from RF3: 0.07

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0200

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L) 09/19/83-09/19/83	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L) 09/19/83-09/19/83	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L) 09/19/83-09/19/83	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L) 09/19/83-09/19/83	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77063	BUTANOIC ACID (BUTYRIC ACID) WHOLE WATER,UG/L 09/19/83-09/19/83	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L 09/19/83-09/19/83	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0200

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0201

NPS Station ID: BLRI0201
 Location: LOWER CREEK AT MOUTH NR BUSICK, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108079800.00
 Description:

LAT/LON: 35.734170/ -82.234449

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.23

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346316390
 Within Park Boundary: No

Date Created: 01/09/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.90
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0201

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/86-09/30/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	1	3.63	3.63	3.63	3.63	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/86-09/30/86	1	0.617	0.617	0.617	0.617	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/86-09/30/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/30/86-09/30/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/30/86-09/30/86	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0201

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0201

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00										
	Drinking Water	250.	1	0	0.00	1	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00										
	Drinking Water	4.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0202

NPS Station ID: BLRI0202 LAT/LON: 35.743059/ -82.243059
 Location: SOUTH TOE RIVER NEAR DEEP GAP NC PRISTINE STRM
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108002324.62 RF3 Mile Point: 26.19
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): E8150000 /FRB061F /03463160
 Within Park Boundary: No

Date Created: 09/29/84

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 2.30
 Distance from RF3: 0.18

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	78	8.	7.897	27.	4.	11.496	3.391	5.	6.	8.	8.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	100	11.	10.17	19.	0.	19.269	4.39	4.	7.	14.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	98	19.	16.439	29.	0.5	56.708	7.53	5.	9.875	22.	25.
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	95	50.	59.158	100.	0.	1404.071	37.471	0.	25.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	62	5.	4.419	30.	0.	21.231	4.608	0.	2.75	5.	9.4
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	91	0.	0.156	2.	0.	0.149	0.385	0.	0.	0.1	0.48
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/26/85-10/20/92	45	5.	7.463	26.	0.02	39.474	6.283	0.66	3.	10.	18.8
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	78	0.5	0.403	2.	0.1	0.057	0.24	0.1	0.3	0.5	0.5
00065	STAGE, STREAM (FEET)	04/24/85-10/20/92	49	1.86	1.837	2.46	1.2	0.066	0.257	1.39	1.72	1.945	2.17
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	88 ##	0.5	0.856	15.	0.5	2.578	1.606	0.5	0.5	0.5	1.5
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	10/31/94-10/31/94	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00083	COLOR,SPECTROPHOTOMETRIC,FIL,WATER SPL ADMI UNITS	10/31/94-10/31/94	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	88	13.	14.875	61.	5.	57.444	7.579	9.9	11.	17.	23.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/86-02/01/90	7	11.	10.143	13.	5.	7.81	2.795	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	100	9.75	9.821	12.5	8.1	1.039	1.019	8.6	9.025	10.5	11.19
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/24/85-09/24/85	6	87.	86.667	92.	81.	17.467	4.179	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/85-06/27/91	25	0.4	0.38	1.	0.05	0.062	0.25	0.08	0.2	0.5	0.78
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	92	6.3	6.266	7.8	4.6	6.235	0.485	5.63	6.1	6.5	6.8
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	92	6.3	5.91	7.8	4.6	0.363	0.602	5.63	6.1	6.5	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	92	0.501	1.23	25.119	0.016	8.725	2.954	0.158	0.316	0.794	2.357
00403	PH, LAB, STANDARD UNITS SU	01/24/85-05/18/92	48	6.2	6.185	6.8	4.9	0.1	0.316	6.	6.1	6.3	6.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/24/85-05/18/92	48	6.2	5.972	6.8	4.9	0.147	0.383	6.	6.1	6.3	6.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-05/18/92	48	0.631	1.068	12.589	0.158	4.768	2.184	0.398	0.501	0.794	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/24/85-05/18/92	46	3.	2.587	4.	1.	0.514	0.717	2.	2.	3.	3.3
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/24/85-10/22/93	74	3.	3.75	64.	0.	52.967	7.278	1.	2.	4.	5.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	10/31/85-10/31/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/14/89-02/01/90	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	68	23.5	25.868	55.	6.	128.415	11.332	12.8	18.	35.	43.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	100	1.	1.67	9.	0.5	2.087	1.445	0.5	0.5	2.	3.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/85-12/15/94	55	0.03	0.034	0.09	0.01	0.	0.019	0.01	0.02	0.04	0.054
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/85-12/15/94	55	0.1	0.128	0.4	0.005	0.008	0.092	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/85-12/15/94	55	0.15	0.149	0.35	0.005	0.003	0.059	0.068	0.12	0.19	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/30/85-12/15/94	55	0.01	0.013	0.07	0.005	0.	0.011	0.005	0.005	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	82	3.	4.012	26.	1.	11.42	3.379	2.	2.	4.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/87-10/29/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/85-12/15/94	52 ##	2.5	2.644	5.	2.5	0.346	0.589	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/85-12/15/94	53 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	05/26/89-05/26/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/85-12/15/94	54 ##	1.	1.944	10.	1.	5.487	2.343	1.	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/85-12/15/94	55 ##	12.5	13.182	25.	12.5	8.207	2.865	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/85-12/15/94	54 ##	2.	3.574	17.	1.	12.438	3.527	1.	1.	5.	8.5
01045	IRON, TOTAL (UG/L AS FE)	12/29/88-12/15/94	37 ##	25.	31.514	120.	5.	379.979	19.493	25.	25.	25.	58.4
01051	LEAD, TOTAL (UG/L AS PB)	05/30/85-12/15/94	54 ##	5.	9.722	50.	5.	137.186	11.713	5.	5.	5.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/29/88-08/30/93	14 ##	5.	7.143	12.5	5.	12.363	3.516	5.	5.	12.5	12.5
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/85-12/15/94	54 ##	5.	10.926	50.	5.	147.24	12.134	5.	5.	6.25	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/85-12/15/94	55 ##	5.	7.455	50.	5.	65.845	8.115	5.	5.	5.	13.4
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	84	50.	61.917	300.	25.	3065.764	55.369	25.	25.	73.5	140.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/21/91-10/21/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/21/91-10/21/91	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3			GEOMETRIC MEAN =	0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	84 ##	0.75	3.214	55.	0.5	43.104	6.565	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	84 ##	-0.151	0.146	1.74	-0.301	0.272	0.521	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	1.399								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/30/85-09/30/91	22 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/85-12/15/94	54 ##	0.1	0.124	0.7	0.1	0.012	0.108	0.1	0.1	0.1	0.1
81647	REFERENCE POINT READING(LINEAR FEET)	03/29/85-10/20/92	50	13.14	13.163	13.8	12.54	0.065	0.255	12.831	13.058	13.27	13.595

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0202

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	88	0	0.00	26	0	0.00	38	0	0.00	24	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	100	0	0.00	28	0	0.00	43	0	0.00	29	0	0.00
00400	PH	Other-Hi Lim.	9.	92	0	0.00	24	0	0.00	40	0	0.00	28	0	0.00
		Other-Lo Lim.	6.5	92	72	0.78	24	21	0.88	40	32	0.80	28	19	0.68
00403	PH, LAB	Other-Hi Lim.	9.	48	0	0.00	11	0	0.00	23	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	48	46	0.96	11	10	0.91	23	23	1.00	14	13	0.93
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	55	0	0.00	15	0	0.00	24	0	0.00	16	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00			0.00	1	0	0.00			
		Drinking Water	250.	1	0	0.00			0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	52	0	0.00	13	0	0.00	27	0	0.00	12	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	53	0	0.00	15	0	0.00	23	0	0.00	15	0	0.00
		Drinking Water	50.	53	0	0.00	15	0	0.00	23	0	0.00	15	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00			0.00		1	0	0.00		
		Drinking Water	4.	0 &	0	0.00			0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	45 &	0	0.00	12	0	0.00	20	0	0.00	13	0	0.00
		Drinking Water	5.	45 &	0	0.00	12	0	0.00	20	0	0.00	13	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	55	0	0.00	15	0	0.00	23	0	0.00	17	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
		Drinking Water	1300.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
		Drinking Water	15.	45 &	0	0.00	12	0	0.00	20	0	0.00	13	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
		Drinking Water	100.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	55	0	0.00	15	0	0.00	23	0	0.00	17	0	0.00
		Drinking Water	5000.	55	0	0.00	15	0	0.00	23	0	0.00	17	0	0.00
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00			0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	84	0	0.00	25	0	0.00	37	0	0.00	22	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00
		Drinking Water	2.	54	0	0.00	15	0	0.00	23	0	0.00	16	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	11.	10.409	15.	0.	26.441	5.142	0.4	9.	15.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	17.	14.909	24.	1.	67.691	8.227	1.4	6.	22.	24.
00032	CLOUD COVER (PERCENT)	11	100.	75.455	100.	0.	1322.273	36.363	3.	60.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11	0.	0.255	1.5	0.	0.258	0.508	0.	0.	0.2	1.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	7 ##	0.5	0.929	3.5	0.5	1.286	1.134	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11	13.	14.455	23.	11.	11.473	3.387	11.2	13.	15.	22.
00300	OXYGEN, DISSOLVED MG/L	11	9.6	9.982	12.4	8.5	1.72	1.311	8.54	9.	10.8	12.36
00400	PH (STANDARD UNITS)	11	6.3	6.3	6.8	5.9	0.052	0.228	5.94	6.2	6.4	6.74
00400	CONVERTED PH (STANDARD UNITS)	11	6.3	6.25	6.8	5.9	0.055	0.234	5.94	6.2	6.4	6.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.501	0.563	1.259	0.158	0.081	0.285	0.19	0.398	0.631	1.166
00500	RESIDUE, TOTAL (MG/L)	11	19.	24.273	55.	10.	179.418	13.395	10.8	15.	27.	52.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	2.	2.091	6.	0.5	2.441	1.562	0.5	1.	3.	5.4
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11	3.	2.727	5.	2.	0.818	0.905	2.	2.	3.	4.6
01105	ALUMINUM, TOTAL (UG/L AS AL)	11	100.	145.455	300.	50.	6227.273	78.913	50.	100.	200.	280.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11 ##	5.	11.364	55.	5.	230.455	15.181	5.	5.	10.	48.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11 ##	0.699	0.876	1.74	0.699	0.119	0.346	0.699	0.699	1.	1.652
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	7.512							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	1	8.	8.	8.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	10.	9.7	17.	4.	23.567	4.855	4.	4.75	13.5	16.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10	16.5	15.5	29.	4.	70.056	8.37	4.1	8.	22.25	28.4
00032	CLOUD COVER (PERCENT)	11	50.	50.	100.	0.	800.	28.284	0.	35.	65.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	10	0.	0.056	0.3	0.	0.013	0.116	0.	0.	0.066	0.295
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	1	0.3	0.3	0.3	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	7 ##	0.5	0.643	1.5	0.143	0.378	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11	13.5	12.875	24.	6.	30.411	5.515	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10	9.75	9.81	11.	8.6	0.83	0.911	8.6	9.05	10.775	11.
00400	PH (STANDARD UNITS)	11	6.2	6.256	6.7	5.9	0.063	0.251	5.9	6.05	6.45	6.7
00400	CONVERTED PH (STANDARD UNITS)	11	6.2	6.196	6.7	5.9	0.067	0.258	5.9	6.05	6.45	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.631	0.637	1.259	0.2	0.114	0.338	0.2	0.357	0.897	1.259
00500	RESIDUE, TOTAL (MG/L)	10	23.5	25.6	41.	9.	134.267	11.587	9.1	16.75	37.	40.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10	1.	1.5	4.	0.5	1.111	1.054	0.5	0.875	2.	3.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	7	5.	7.429	26.	2.	71.952	8.482	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10	50.	67.5	250.	25.	4590.278	67.752	25.	25.	62.5	235.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	9 ##	0.699	0.732	1.	0.699	0.01	0.1	0.699	0.699	0.699	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	5.4							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	11	5.	6.727	15.	4.	9.618	3.101	4.2	5.	13.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	9.	9.227	17.	0.5	25.868	5.086	1.4	5.	14.	16.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	15.	14.364	24.	5.	61.655	7.852	5.	6.	22.	23.8
00032	CLOUD COVER (PERCENT)	11	50.	52.727	100.	0.	1701.818	41.253	0.	10.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11	0.	0.19	1.	0.	0.161	0.401	0.	0.	0.09	1.
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	11	0.1	0.3	2.	0.32	0.566	0.1	0.1	0.2	1.64
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	11 ##	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	10	18.5	18.	23.	12.	14.889	3.859	12.2	14.75	21.25	22.9
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	11	10.2	9.964	12.5	8.2	1.687	1.299	8.24	8.8	10.6	12.26
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	9	6.4	6.344	6.5	6.1	0.018	0.133	6.1	6.25	6.45	6.5
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	9	6.4	6.325	6.5	6.1	0.018	0.135	6.1	6.25	6.45	6.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	9	0.398	0.473	0.794	0.316	0.024	0.156	0.316	0.357	0.566	0.794
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	11	20.	19.364	41.	6.	99.655	9.983	6.2	13.	22.	38.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	11	1.	1.955	6.	0.5	3.823	1.955	0.5	0.5	3.	5.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	8	4.	4.125	6.	2.	2.982	1.727	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	9	50.	77.778	150.	25.	2413.194	49.124	25.	37.5	125.	150.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	7 ##	5.	3.143	5.	0.5	5.393	2.322	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	7 ##	0.699	0.313	0.699	-0.301	0.241	0.491	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	2.058								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	8	5.	5.875	8.	5.	1.839	1.356	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	8	7.	8.375	14.	4.	12.554	3.543	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	8	20.	15.375	24.	1.	78.839	8.879	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	8	50.	51.25	100.	10.	1183.929	34.408	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	8	0.2	0.225	0.5	0.1	0.019	0.139	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	4 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	6	29.	23.667	34.	6.	157.467	12.549	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	8	10.1	10.1	11.2	9.	0.614	0.784	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.35	6.375	6.8	6.1	0.056	0.238	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.347	6.324	6.8	6.1	0.059	0.244	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	8	0.45	0.475	0.794	0.158	0.052	0.229	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	8	21.	25.375	51.	11.	212.839	14.589	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	8	1.5	1.688	3.	0.5	0.924	0.961	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	5	3.	3.2	4.	3.	0.2	0.447	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	3	50.	41.667	50.	25.	208.333	14.434	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	8 ##	0.75	1.375	5.	0.5	2.411	1.553	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	8 ##	-0.151	-0.026	0.699	-0.301	0.134	0.366	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =	0.943								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	9	6.	9.	20.	5.	33.75	5.809	5.	5.	13.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	11	10.	10.364	17.	1.	20.855	4.567	2.2	7.	14.	16.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	20.	16.333	24.	1.	63.25	7.953	1.	10.5	23.	24.
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	10	55.	59.5	100.	0.	1269.167	35.625	1.	40.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	11	0.	0.091	0.5	0.	0.027	0.164	0.	0.	0.1	0.46
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	9	0.3	0.422	0.8	0.3	0.029	0.172	0.3	0.3	0.5	0.8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	11 ##	0.5	2.091	15.	0.5	18.591	4.312	0.5	0.5	1.5	12.4
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	7	10.	9.286	12.	5.	6.571	2.563	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	11	9.7	9.655	10.8	8.9	0.379	0.615	8.92	9.1	10.	10.72
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.65	6.57	6.9	5.9	0.096	0.309	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.647	6.447	6.9	5.9	0.113	0.336	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	8	0.225	0.358	1.259	0.126	0.139	0.372	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	11	30.	29.727	44.	14.	105.218	10.258	14.4	21.	39.	43.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	11	2.	1.636	3.	0.5	0.805	0.897	0.5	1.	2.	3.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	9	2.	3.778	9.	2.	6.194	2.489	2.	2.	5.5	9.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	9	50.	49.778	82.	25.	467.944	21.632	25.	25.	68.5	82.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	9 ##	0.5	1.389	4.	0.5	1.736	1.318	0.5	0.5	2.5	4.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	9 ##	-0.301	-0.014	0.602	-0.301	0.142	0.376	-0.301	-0.301	0.389	0.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	12	8.	9.583	27.	5.	35.72	5.977	5.	6.5	9.5	23.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	12	11.	9.583	15.	1.	17.902	4.231	1.9	7.	12.5	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	12	17.5	15.75	28.	0.5	67.705	8.228	2.15	8.375	20.75	27.4
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	12	50.	56.667	100.	0.	1510.606	38.867	0.	25.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	12	0.	0.067	0.3	0.	0.013	0.115	0.	0.	0.1	0.3
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	12	0.3	0.342	0.5	0.3	0.006	0.079	0.3	0.3	0.375	0.5
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	12 ##	0.5	0.875	2.	0.5	0.324	0.569	0.5	0.5	1.5	1.85
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	9	12.	11.333	15.	7.	5.5	2.345	7.	10.	13.	15.
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	12	10.3	10.125	11.4	8.6	0.866	0.93	8.75	9.15	10.95	11.34
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	11	6.3	6.253	6.8	5.08	0.199	0.447	5.264	6.1	6.5	6.76
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	11	6.3	5.923	6.8	5.08	0.319	0.565	5.264	6.1	6.5	6.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	11	0.501	1.194	8.318	0.158	5.638	2.374	0.177	0.316	0.794	6.854
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	12	29.	28.583	41.	15.	69.356	8.328	15.6	22.5	35.75	39.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	12	1.5	1.458	3.	0.5	0.657	0.811	0.5	0.625	2.	2.7
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	7	4.	3.714	4.	3.	0.238	**	**	**	**	
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	6 ##	25.	41.5	91.	25.	762.3	27.61	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	6	1.5	3.333	12.	0.5	19.767	4.446	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	6	0.151	0.23	1.079	-0.301	0.296	0.544	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =											

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	9	8.	7.444	10.	5.	2.278	1.509	5.	6.	8.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	11.	11.778	17.	5.	13.194	3.632	5.	9.5	14.5	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	18.	16.778	26.	6.	31.194	5.585	6.	13.5	19.5	26.
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	6	100.	83.333	100.	50.	666.667	25.82	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	4	0.25	0.625	2.	0.	0.896	0.946	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	9	0.5	0.456	0.5	0.3	0.008	0.088	0.3	0.4	0.5	0.5
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	8 ##	0.75	0.938	2.5	0.5	0.46	0.678	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	9	17.	15.778	24.	10.	26.944	5.191	10.	10.	19.5	24.
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	9	9.6	9.767	11.7	8.1	1.74	1.319	8.1	8.55	10.95	11.7
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.3	6.188	7.	4.6	0.521	0.722	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.3	5.446	7.	4.6	1.149	1.072	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	8	0.501	3.578	25.119	0.1	75.879	8.711	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	5	28.	30.	46.	20.	116.5	10.794	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	9	1.	1.167	3.	0.5	0.688	0.829	0.5	0.5	1.5	3.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	7	3.	5.429	16.	1.	36.286	6.024	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	7 ##	25.	46.286	94.	25.	825.238	28.727	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	6 ##	0.5	1.083	4.	0.5	2.042	1.429	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	6 ##	-0.301	-0.151	0.602	-0.301	0.136	0.369	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			0.707								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	12/30/86-12/15/94	11	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	11	9.	10.182	19.	4.	23.764	4.875	4.	7.	14.	18.4
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	11	17.	16.727	27.	5.	56.618	7.525	5.4	11.	24.	26.8
00032 CLOUD COVER (PERCENT)	01/24/85-12/15/94	11	90.	68.182	100.	0.	1376.364	37.099	2.	50.	100.	100.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	6	0.1	0.4	2.	0.	0.62	0.787	**	**	**	**
00064 DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	11 ##	0.5	0.591	1.5	0.5	0.091	0.302	0.5	0.5	0.5	1.3
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	11	14.	14.818	19.	12.	6.164	2.483	12.	13.	17.	18.8
00300 OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	11	9.1	9.745	12.4	8.3	1.619	1.272	8.36	8.7	10.5	12.12
00400 PH (STANDARD UNITS)	01/24/85-12/15/94	11	5.9	6.191	7.8	5.1	0.907	0.952	5.1	5.3	7.	7.66
00400 CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	11	5.9	5.589	7.8	5.1	1.305	1.142	5.1	5.3	7.	7.66
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	11	1.259	2.575	7.943	0.016	9.633	3.104	0.029	0.1	5.012	7.943
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	11	1.	2.545	9.	0.5	7.773	2.788	0.5	0.5	4.	8.4
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	11	3.	3.	6.	2.	1.6	1.265	2.	2.	4.	5.6
01105 ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	11 ##	25.	36.818	130.	25.	1011.364	31.802	25.	25.	25.	114.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	11 ##	-0.301	-0.274	0.	-0.301	0.008	0.091	-0.301	-0.301	-0.301	-0.06
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			0.533								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	12/30/86-12/15/94	9	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	12.	11.	16.	3.	20.75	4.555	3.	7.5	15.	16.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	9	24.	20.778	28.	9.	47.944	6.924	9.	13.5	26.	28.
00032 CLOUD COVER (PERCENT)	01/24/85-12/15/94	9	20.	37.222	100.	0.	1519.444	38.98	0.	5.	72.5	100.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	9	0.	0.056	0.4	0.	0.018	0.133	0.	0.	0.05	0.4
00064 DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	9	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	9 ##	0.5	0.589	1.3	0.5	0.071	0.267	0.5	0.5	0.5	1.3
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	9	12.	13.	24.	10.	18.25	4.272	10.	10.5	13.	24.
00300 OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	9	9.3	9.467	11.2	8.1	0.707	0.841	8.1	9.05	9.85	11.2
00400 PH (STANDARD UNITS)	01/24/85-12/15/94	9	6.	6.044	6.7	5.4	0.15	0.388	5.4	5.75	6.3	6.7
00400 CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	9	6.	5.897	6.7	5.4	0.175	0.418	5.4	5.75	6.3	6.7
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	9	1.	1.269	3.981	0.2	1.355	1.164	0.2	0.515	1.79	3.981
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	9 ##	0.5	1.056	3.	0.5	0.778	0.882	0.5	0.5	1.5	3.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	9	4.	4.222	9.	1.	5.444	2.333	1.	2.5	5.5	9.
01105 ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	9 ##	25.	38.556	61.	25.	267.028	16.341	25.	25.	55.	61.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	9 ##	-0.301	-0.268	0.	-0.301	0.01	0.1	-0.301	-0.301	-0.301	0.
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			0.54								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	8	8.	8.	8.	8.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	8	11.5	11.375	16.	5.	12.268	3.503	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	8	21.	19.125	25.	6.	35.554	5.963	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	8	90.	61.25	100.	0.	2326.786	48.237	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	9	0.1	0.167	1.	0.	0.103	0.32	0.	0.	0.15	1.
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	8###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	8	11.5	17.	61.	6.	320.	17.889	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	8	9.65	9.475	10.4	8.1	0.465	0.682	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.2	6.175	7.	5.5	0.248	0.498	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	8	6.189	5.96	7.	5.5	0.301	0.548	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	8	0.648	1.096	3.162	0.1	1.139	1.067	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	8	1.5	1.313	2.	0.5	0.567	0.753	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	8	3.5	3.625	5.	3.	0.554	0.744	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	9###	25.	36.444	72.	25.	325.778	18.049	25.	25.	53.	72.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	8###	0.5	1.5	8.	0.5	6.929	2.632	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	8###	-0.301	-0.113	0.903	-0.301	0.18	0.424	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.771								

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	21	8.	7.095	10.	5.	2.19	1.48	5.	5.5	8.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	28	15.	14.375	19.	10.	4.752	2.18	10.9	13.	16.	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	27	21.	21.63	29.	15.	12.934	3.596	16.	19.	24.	26.4
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	26	50.	54.231	100.	0.	1259.385	35.488	7.	18.75	92.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	14	3.	3.714	15.	0.	14.835	3.852	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	24	0.	0.117	1.	0.	0.05	0.224	0.	0.	0.2	0.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/26/85-10/20/92	18	3.	5.979	26.	0.02	52.205	7.225	0.272	0.925	7.5	22.4
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	21	0.5	0.405	0.5	0.1	0.021	0.147	0.12	0.3	0.5	0.5
00065	STAGE, STREAM (FEET)	04/24/85-10/20/92	19	1.78	1.727	2.46	1.2	0.097	0.311	1.21	1.54	1.86	2.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	26 ##	0.5	0.646	2.	0.5	0.123	0.351	0.5	0.5	0.5	1.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	26	12.	15.423	61.	5.	113.054	10.633	6.7	10.75	19.25	23.3
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	28	8.95	8.986	10.2	8.1	0.342	0.585	8.1	8.525	9.4	9.82
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/85-06/27/91	6	0.25	0.317	0.6	0.1	0.038	0.194	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	24	6.25	6.213	7.	5.1	0.185	0.43	5.65	5.925	6.475	6.85
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	24	6.247	5.977	7.	5.1	0.243	0.493	5.65	5.925	6.475	6.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	24	0.566	1.055	7.943	0.1	2.549	1.596	0.15	0.337	1.194	2.254
00403	PH, LAB, STANDARD UNITS SU	01/24/85-05/18/92	11	6.3	6.327	6.8	6.1	0.038	0.195	6.12	6.2	6.4	6.74
00403	CONVERTED PH, LAB, STANDARD UNITS	01/24/85-05/18/92	11	6.3	6.294	6.8	6.1	0.039	0.199	6.12	6.2	6.4	6.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-05/18/92	11	0.501	0.508	0.794	0.158	0.033	0.18	0.19	0.398	0.631	0.762
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/24/85-05/18/92	10	3.	2.7	4.	2.	0.456	0.675	2.	2.	3.	3.9
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/24/85-10/22/93	20	3.	3.05	11.	1.	4.997	2.235	1.	2.	3.	5.9
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	18	31.5	30.167	55.	9.	128.5	11.336	12.6	21.	37.	44.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	28	1.5	1.714	5.	0.5	1.397	1.182	0.5	0.5	3.	3.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/85-12/15/94	15	0.04	0.038	0.08	0.01	0.	0.017	0.016	0.02	0.04	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/85-12/15/94	15	0.2	0.183	0.4	0.05	0.016	0.126	0.05	0.1	0.2	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/85-12/15/94	15	0.16	0.165	0.25	0.1	0.003	0.052	0.1	0.12	0.21	0.244
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/30/85-12/15/94	15	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	23	3.	4.348	16.	1.	11.692	3.419	2.	2.	6.	9.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/85-12/15/94	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/85-12/15/94	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/85-12/15/94	15 ##	1.	2.133	10.	1.	6.695	2.588	1.	1.	1.	7.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/85-12/15/94	15 ##	12.5	13.333	25.	12.5	10.417	3.227	12.5	12.5	12.5	17.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/85-12/15/94	15 ##	1.	2.6	10.	1.	6.829	2.613	1.	1.	5.	7.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/85-12/15/94	15 ##	5.	10.667	50.	5.	167.381	12.938	5.	5.	5.	35.
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/85-12/15/94	15 ##	5.	11.	50.	5.	165.	12.845	5.	5.	10.	35.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/85-12/15/94	15 ##	5.	5.933	14.	5.	6.638	2.576	5.	5.	5.	11.6
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	23	50.	57.304	200.	25.	1728.949	41.581	25.	25.	91.	100.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	25 ##	4.	4.28	20.	0.5	22.377	4.73	0.5	0.5	5.	10.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	25 ##	0.602	0.346	1.301	-0.301	0.298	0.546	-0.301	-0.301	0.699	1.032
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2.219								
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/85-12/15/94	15 ##	0.1	0.133	0.6	0.1	0.017	0.129	0.1	0.1	0.1	0.3
81647	REFERENCE POINT READING (LINEAR FEET)	03/29/85-10/20/92	19	13.22	13.273	13.8	12.54	0.097	0.311	12.8	13.14	13.46	13.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	33	8.	8.879	27.	4.	23.235	4.82	5.	6.5	8.	16.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	43	7.	6.267	11.	0.	8.909	2.985	1.4	4.	9.	10.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	42	9.	9.833	23.	0.5	34.886	5.906	1.6	5.	14.	18.
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	40	70.	62.375	100.	0.	1625.625	40.319	0.	17.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	27	5.	5.63	30.	0.	34.396	5.865	0.	3.	5.	11.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	39	0.	0.205	2.	0.	0.264	0.513	0.	0.	0.1	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/26/85-10/20/92	17	9.	9.529	20.	3.	26.64	5.161	3.8	5.	12.5	18.4
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	33	0.5	0.445	2.	0.1	0.103	0.321	0.1	0.3	0.5	0.5
00065	STAGE, STREAM (FEET)	04/24/85-10/20/92	17	1.94	1.972	2.29	1.69	0.022	0.149	1.786	1.885	2.085	2.194

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	38 ##	0.5	1.092	15.	0.5	5.606	2.368	0.5	0.5	0.5	1.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	34	13.	14.294	34.	6.	28.396	5.329	8.	11.75	17.	21.
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	43	10.5	10.633	12.5	9.1	0.644	0.802	9.74	10.	11.	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/85-06/27/91	10	0.45	0.495	1.	0.05	0.098	0.313	0.055	0.25	0.75	0.99
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	40	6.3	6.199	7.	4.6	0.267	0.517	5.32	6.025	6.488	6.809
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	40	6.3	5.765	7.	4.6	0.46	0.679	5.32	6.025	6.487	6.809
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	40	0.501	1.719	25.119	0.1	17.806	4.22	0.155	0.326	0.949	4.827
00403	PH, LAB, STANDARD UNITS SU	01/24/85-05/18/92	23	6.1	6.039	6.4	4.9	0.135	0.368	5.36	6.	6.2	6.36
00403	CONVERTED PH, LAB, STANDARD UNITS	01/24/85-05/18/92	23	6.1	5.777	6.4	4.9	0.207	0.455	5.36	6.	6.2	6.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-05/18/92	23	0.794	1.67	12.589	0.398	9.423	3.07	0.439	0.631	1.	6.504
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/24/85-05/18/92	22	2.	2.318	3.	1.	0.418	0.646	1.3	2.	3.	3.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/24/85-10/22/93	30	2.5	2.483	6.	0.	1.422	1.193	1.	2.	3.	4.
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	30	20.5	22.867	44.	6.	116.947	10.814	10.	15.5	33.25	40.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	43	1.	1.628	9.	0.5	3.144	1.773	0.5	0.5	2.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/85-12/15/94	24	0.02	0.027	0.07	0.01	0.	0.016	0.01	0.02	0.04	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/85-12/15/94	24	0.1	0.113	0.3	0.005	0.005	0.074	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/85-12/15/94	24	0.145	0.136	0.35	0.005	0.005	0.071	0.035	0.093	0.175	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/30/85-12/15/94	24	0.01	0.012	0.07	0.005	0.	0.013	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	37	3.	3.973	26.	1.	15.86	3.983	2.	2.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/85-12/15/94	27 ##	2.5	2.593	5.	2.5	0.231	0.481	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/85-12/15/94	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/85-12/15/94	23 ##	1.	1.739	10.	1.	4.565	2.137	1.	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/85-12/15/94	23 ##	12.5	13.043	25.	12.5	6.793	2.606	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/85-12/15/94	23 ##	2.	3.304	15.	1.	11.858	3.444	1.	1.	5.	8.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/85-12/15/94	23 ##	5.	8.696	50.	5.	114.13	10.683	5.	5.	5.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/85-12/15/94	23 ##	5.	10.435	50.	5.	133.893	11.571	5.	5.	5.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/85-12/15/94	23 ##	5.	7.522	50.	5.	89.443	9.457	5.	5.	5.	11.8
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	40 ##	25.	61.375	300.	25.	4298.804	65.565	25.	25.	58.	193.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	37 ##	0.5	3.324	55.	0.5	80.086	8.949	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/85-12/15/94	37 ##	-0.301	0.09	1.74	-0.301	0.267	0.517	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				1.229								
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/85-12/15/94	23 ##	0.1	0.126	0.7	0.1	0.016	0.125	0.1	0.1	0.1	0.1
81647	REFERENCE POINT READING(LINEAR FEET)	03/29/85-10/20/92	18	13.06	13.034	13.31	12.71	0.022	0.147	12.818	12.938	13.14	13.202

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/30/86-12/15/94	24	8.	7.25	10.	5.	1.848	1.359	5.	6.	8.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/85-12/15/94	29	12.	11.897	17.	6.	6.025	2.455	9.	10.5	14.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/24/85-12/15/94	29	22.	21.172	28.	9.	18.719	4.327	15.	19.5	24.	27.
00032	CLOUD COVER (PERCENT)	01/24/85-12/15/94	29	50.	59.138	100.	0.	1287.623	35.883	0.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/30/86-12/15/94	21	3.	3.333	10.	0.	6.833	2.614	0.	0.	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/24/85-12/15/94	28	0.	0.12	1.	0.	0.075	0.274	0.	0.	0.1	0.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/26/85-10/20/92	10	5.	6.62	20.	0.2	33.755	5.81	0.38	3.5	8.5	19.3
00064	DEPTH OF STREAM, MEAN (FT)	12/30/86-12/15/94	24	0.3	0.342	0.5	0.1	0.023	0.153	0.1	0.225	0.5	0.5
00065	STAGE, STREAM (FEET)	04/24/85-10/20/92	13	1.83	1.818	2.17	1.34	0.045	0.211	1.432	1.71	1.955	2.114
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/85-12/15/94	24 ##	0.5	0.708	3.5	0.5	0.433	0.658	0.5	0.5	0.5	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/24/85-12/15/94	28	13.	15.071	34.	7.	44.958	6.705	10.	10.25	16.5	26.6
00300	OXYGEN, DISSOLVED MG/L	01/24/85-12/15/94	29	9.3	9.424	11.3	8.2	0.507	0.712	8.6	9.	9.8	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/85-06/27/91	9	0.2	0.294	0.5	0.05	0.025	0.159	0.05	0.2	0.45	0.5
00400	PH (STANDARD UNITS)	01/24/85-12/15/94	28	6.4	6.407	7.8	5.4	0.219	0.468	5.77	6.3	6.675	6.83
00400	CONVERTED PH (STANDARD UNITS)	01/24/85-12/15/94	28	6.4	6.168	7.8	5.4	0.279	0.528	5.77	6.3	6.675	6.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-12/15/94	28	0.398	0.679	3.981	0.016	0.822	0.906	0.151	0.212	0.501	1.743
00403	PH, LAB, STANDARD UNITS SU	01/24/85-05/18/92	14	6.3	6.314	6.8	6.	0.031	0.175	6.1	6.2	6.4	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/24/85-05/18/92	14	6.3	6.286	6.8	6.	0.031	0.177	6.1	6.2	6.4	6.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/85-05/18/92	14	0.501	0.518	1.	0.158	0.034	0.185	0.278	0.398	0.631	0.815
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/24/85-05/18/92	14	3.	2.929	4.	2.	0.533	0.73	2.	2.	3.25	4.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/24/85-10/22/93	24	4.	5.917	64.	1.	154.775	12.441	1.5	2.	5.	5.
00500	RESIDUE, TOTAL (MG/L)	01/24/85-08/19/91	20	23.5	26.5	51.	14.	127.211	11.279	14.1	18.5	34.5	45.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/85-12/15/94	29	2.	1.69	6.	0.5	1.311	1.145	0.5	1.	2.	3.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/85-12/15/94	16	0.04	0.039	0.09	0.01	0.	0.021	0.01	0.02	0.05	0.076
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/85-12/15/94	16	0.1	0.1	0.2	0.05	0.003	0.055	0.05	0.05	0.1	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/85-12/15/94	16	0.155	0.151	0.2	0.05	0.002	0.042	0.092	0.123	0.19	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/30/85-12/15/94	16	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.018	0.033
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/24/85-12/15/94	22	3.	3.727	9.	1.	4.398	2.097	2.	2.	4.25	8.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/85-12/15/94	12 ##	2.5	2.917	5.	2.5	0.947	0.973	2.5	2.5	2.5	5.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/85-12/15/94	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/85-12/15/94	16 ##	1.	2.063	10.	1.	6.329	2.516	1.	1.	1.	6.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/85-12/15/94	17 ##	12.5	13.235	25.	12.5	9.191	3.032	12.5	12.5	12.5	15.
01042	COPPER, TOTAL (UG/L AS CU)	05/30/85-12/15/94	16 ##	5.	4.875	17.	1.	17.317	4.161	1.	1.	6.	12.1
01051	LEAD, TOTAL (UG/L AS PB)	05/30/85-12/15/94	16 ##	5.	10.313	50.	5.	158.229	12.579	5.	5.	5.	32.5
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/85-12/15/94	16 ##	5.	11.563	50.	5.	169.063	13.002	5.	5.	20.	32.5
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/85-12/15/94	17 ##	5.	8.706	40.	5.	89.596	9.465	5.	5.	5.	27.2
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/85-12/15/94	21	55.	68.	200.	25.	2374.5	48.729	25.	25.	91.	150.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	22 ##	0.5	1.818	5.	0.5	4.084	2.021	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/24/85-12/15/94	22 ##	-0.301	0.013	0.699	-0.301	0.204	0.452	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.03								
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/85-12/15/94	16 ##	0.1	0.113	0.3	0.1	0.003	0.05	0.1	0.1	0.1	0.16
81647	REFERENCE POINT READING (LINEAR FEET)	03/29/85-10/20/92	13	13.17	13.182	13.66	12.83	0.045	0.211	12.886	13.045	13.29	13.568

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0203

NPS Station ID: BLRI0203
 Location: LOWER CREEK AT CAMP ALICE (MT. MITCHELL), NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108090500.00
 Description:

LAT/LON: 35.759448/ -82.267503
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.18

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346316250
 Within Park Boundary: No

Date Created: 01/09/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.80
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0203

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-09/29/86	1	10.	10.	10.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-09/29/86	1	19.	19.	19.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/29/86-09/29/86	1	1.14	1.14	1.14	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-09/29/86	1	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/86-09/29/86	1	6.23	6.23	6.23	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/86-09/29/86	1	6.23	6.23	6.23	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/86-09/29/86	1	0.589	0.589	0.589	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/29/86-09/29/86	1	3.	3.	3.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	1	0.008	0.008	0.008	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	1	0.56	0.56	0.56	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-09/29/86	1 ##	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-09/29/86	1	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-09/29/86	1	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-09/29/86	1	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-09/29/86	1	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-09/29/86	1	0.46	0.46	0.46	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/29/86-09/29/86	1	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-09/29/86	1	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-09/29/86	1	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/29/86-09/29/86	1	5.2	5.2	5.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-09/29/86	1	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-09/29/86	1	2.1	2.1	2.1	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-09/29/86	1	18.	18.	18.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/29/86-09/29/86	1	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0203

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00						
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00						
	Fresh Acute	860.	1	0	0.00	1	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0203

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.		
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0		0.00	1	0	0.00								
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0		0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0204

NPS Station ID: BLRI0204
 Location: LOWER CREEK NR CAMP ALICE (MT. MITCHELL), NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108092500.18
 Description:

LAT/LON: 35.757781/ -82.268059
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.15

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346316300
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

Date Created: 08/01/87
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0204

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-11/20/86	7	6.	8.143	12.5	5.5	8.476	2.911	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-11/20/86	6	6.25	9.	18.	4.5	31.5	5.612	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/13/86-11/20/86	6	614.	641.167	698.	611.	1939.367	44.038	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-11/20/86	7	0.7	0.557	1.	0.2	0.12	0.346	**	**	**
00065	STAGE, STREAM (FEET)	09/29/86-11/20/86	7	2.15	2.116	2.2	2.04	0.004	0.067	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-11/20/86	7	14.	13.714	14.	13.	0.238	0.488	**	**	**
00400	PH (STANDARD UNITS)	09/29/86-11/20/86	7	6.24	6.241	6.66	6.06	0.046	0.214	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/86-11/20/86	7	6.24	6.203	6.66	6.06	0.048	0.218	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/86-11/20/86	7	0.575	0.626	0.871	0.219	0.06	0.245	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/29/86-09/29/86	1	2.	2.	2.	2.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	5	0.02	0.018	0.029	0.001	0.	0.011	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	5	0.54	0.558	0.61	0.52	0.002	0.04	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-11/20/86	5	##	0.001	0.001	0.001	0.	0.001	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-11/20/86	5	1.1	0.98	1.2	0.4	0.112	0.335	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/29/86-11/20/86	5	0.9	0.9	0.9	0.9	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/29/86-11/20/86	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/29/86-11/20/86	5	0.7	0.68	0.7	0.6	0.002	0.045	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-11/20/86	5	0.35	0.35	0.38	0.33	0.	0.019	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/29/86-11/20/86	5	0.5	0.58	0.9	0.5	0.032	0.179	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-11/20/86	5	1.	0.98	1.	0.9	0.002	0.045	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-11/20/86	5	##	0.005	0.009	0.02	0.	0.007	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/29/86-11/20/86	5	4.4	4.48	4.9	4.2	0.067	0.259	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	09/29/86-11/20/86	5	5.	5.6	9.	3.	5.8	2.408	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	09/29/86-11/20/86	5	1.	1.2	2.9	0.5	0.98	0.99	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	09/29/86-11/20/86	5	19.	18.6	25.	12.	31.3	5.595	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	11/20/86-11/20/86	4	0.03	0.028	0.03	0.02	0.	0.005	**	**	**
71870	BROMIDE (MG/L AS BR)	09/29/86-11/20/86	5	0.02	0.02	0.02	0.02	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0204

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	7	0	0.00	3	0	0.00	4	0	0.00		
	Other-Lo Lim.	6.5	7	6	0.86	3	3	1.00	4	3	0.75		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0204

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	5	0	0.00	1	0	0.00	4	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	4	0	0.00					
		Drinking Water	250.	5	0	0.00	1	0	0.00	4	0	0.00					
00945	SULFATE, TOTAL (AS SO4)	250.	5	0	0.00	1	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	4.	5	0	0.00	1	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0205

NPS Station ID: BLRI0205 LAT/LON: 35.755282/ -82.268059
 Location: LOWER CREEK BLW CAMP ALICE (MT. MITCHELL), NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 06010108 RF1 Mile Point: 0.000
 RF3 Index: 06010108079800.00 RF3 Mile Point: 2.41
 Description:

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346316350
 Within Park Boundary: No

Date Created: 01/09/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.40
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-09/29/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-09/29/86	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-09/29/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/29/86-09/29/86	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-09/29/86	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/86-09/29/86	1	5.86	5.86	5.86	5.86	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/86-09/29/86	1	5.86	5.86	5.86	5.86	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/86-09/29/86	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/29/86-09/29/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	1##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-09/29/86	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-09/29/86	1##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-09/29/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/86-09/29/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/86-09/29/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/86-09/29/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-09/29/86	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/29/86-09/29/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-09/29/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-09/29/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/29/86-09/29/86	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/29/86-09/29/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/86-09/29/86	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/86-09/29/86	1	13.	13.	13.	13.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/29/86-09/29/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0205

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00										
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0205

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00										
	Drinking Water	250.	1	0	0.00	1	0	0.00										
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00										
	Drinking Water	4.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0206

NPS Station ID: BLRI0206
 Location: BIG POPLAR CR HEADWATERS AT MT. MITCHELL, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108079800.00
 Description:

LAT/LON: 35.766115/ -82.271671
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.38

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346378765
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.90
 Distance from RF3: 0.02

Date Created: 08/01/87
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/86-11/20/86	8	7.	7.875	10.	7.	1.554	1.246	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/86-11/20/86	6	6.	8.167	19.	5.	28.567	5.345	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/13/86-10/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-11/20/86	8	0.1	0.103	0.2	0.04	0.004	0.066	**	**	**
00065	STAGE, STREAM (FEET)	09/29/86-11/20/86	8	2.145	2.141	2.22	2.07	0.004	0.061	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/86-11/20/86	8	17.	16.25	18.	13.	4.214	2.053	**	**	**
00400	PH (STANDARD UNITS)	09/29/86-11/20/86	8	6.63	6.585	6.84	6.27	0.038	0.195	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/86-11/20/86	8	6.63	6.546	6.84	6.27	0.04	0.199	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/86-11/20/86	8	0.234	0.285	0.537	0.145	0.018	0.133	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/29/86-09/29/86	1	2.	2.	2.	0.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	6	0.038	0.046	0.074	0.027	0.	0.02	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/29/86-11/20/86	6	0.995	0.985	1.	0.94	0.001	0.023	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/29/86-11/20/86	6###	0.001	0.001	0.001	0.001	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/86-11/20/86	6	1.	1.05	1.8	0.3	0.279	0.528	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/29/86-11/20/86	6	1.2	1.167	1.2	1.1	0.003	0.052	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/29/86-11/20/86	6	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/29/86-11/20/86	6	0.9	0.95	1.3	0.8	0.031	0.176	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/86-11/20/86	6	0.465	0.465	0.5	0.44	0.001	0.023	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	09/29/86-11/20/86	6	0.6	0.633	0.7	0.6	0.003	0.052	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/86-11/20/86	6	1.	1.	1.	1.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/86-11/20/86	6	0.01	0.013	0.03	0.005	0.	0.01	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/29/86-11/20/86	6	5.2	5.167	5.4	4.9	0.035	0.186	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	09/29/86-11/20/86	6	6.	5.667	9.	2.	7.867	2.805	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	09/29/86-11/20/86	6	2.7	2.55	2.9	1.9	0.171	0.414	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	09/29/86-11/20/86	6	14.5	17.833	28.	12.	52.967	7.278	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	11/20/86-11/20/86	5	0.03	0.032	0.04	0.03	0.	0.004	**	**	**
71870	BROMIDE (MG/L AS BR)	09/29/86-11/20/86	6	0.05	0.05	0.05	0.05	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0206

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	5	0	0.00		
	Other-Lo Lim.	6.5	8	3	0.38	3	2	0.67	5	1	0.20		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0206

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	6	0	0.00	1	0	0.00	5	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	5	0	0.00					
		Drinking Water	250.	6	0	0.00	1	0	0.00	5	0	0.00					
00945	SULFATE, TOTAL (AS SO4)	250.	6	0	0.00	1	0	0.00	5	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	4.	6	0	0.00	1	0	0.00	5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0207

NPS Station ID: BLRI0207
 Location: BEECH NURSERY CR AT MOUTH NR ESKOTA, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108002325.32
 Description:

LAT/LON: 35.765004/ -82.309449
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 28.89

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346378750
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.03

Date Created: 01/09/88
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0207

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	1	15.5	15.5	15.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	1	0.9	0.9	0.9	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	1	3.08	3.08	3.08	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	1	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.12	6.12	6.12	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.12	6.12	6.12	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/86-09/30/86	1	0.759	0.759	0.759	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/86-09/30/86	1	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.006	0.006	0.006	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.19	0.19	0.19	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	1	0.002	0.002	0.002	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	1	0.9	0.9	0.9	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	1	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	1	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	1	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	1	0.41	0.41	0.41	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/30/86-09/30/86	1	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	1	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	1	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/30/86-09/30/86	1	6.2	6.2	6.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	1	8.	8.	8.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	1	1.5	1.5	1.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	1	22.	22.	22.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	1	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0207

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00					
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00					
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00					
	Fresh Acute	860.	1	0	0.00	1	0	0.00					
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0207

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.		
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0		0.00	1	0	0.00								
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0		0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0208

NPS Station ID: BLRI0208
 Location: BLUE SEA CR AT MOUTH NR ESKOTA, NC
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010108
 Major Basin:
 Minor Basin:
 RF1 Index: 06010108
 RF3 Index: 06010108002024.30
 Description:

LAT/LON: 35.765004/ -82.310004

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 24.29

Agency: 112WRD
 FIPS State/County: 37199 NORTH CAROLINA/YANCEY
 STORET Station ID(s): 0346378755
 Within Park Boundary: No

Date Created: 01/09/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0208

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/86-09/30/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/86-09/30/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/30/86-09/30/86	1	1.63	1.63	1.63	1.63	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/30/86-09/30/86	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.34	6.34	6.34	6.34	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/86-09/30/86	1	6.34	6.34	6.34	6.34	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/86-09/30/86	1	0.457	0.457	0.457	0.457	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/86-09/30/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/30/86-09/30/86	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/30/86-09/30/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/30/86-09/30/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/30/86-09/30/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/30/86-09/30/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/30/86-09/30/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/30/86-09/30/86	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/30/86-09/30/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/86-09/30/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/86-09/30/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/30/86-09/30/86	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/30/86-09/30/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/86-09/30/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/30/86-09/30/86	1	39.	39.	39.	39.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/30/86-09/30/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0208

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00					
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00					
	Drinking Water	10.	1	0	0.00	1	0	0.00					
00618 NITRATE NITROGEN, DISSOLVED AS N	Fresh Acute	860.	1	0	0.00	1	0	0.00					
	Drinking Water	250.	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0208

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.		
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0		0.00	1	0	0.00								
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0		0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0209

NPS Station ID: BLRI0209 LAT/LON: 35.676392/ -82.335560
 Location: BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005605.74 RF3 Mile Point: 5.74
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3720910 /FRBBUR2SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0209

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403 PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0209

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----	
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00					
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0210

NPS Station ID: BLRI0210 LAT/LON: 35.676392/ -82.335560
 Location: BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005605.74 RF3 Mile Point: 5.74
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3720920 /FRBBUR2BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0210

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0211

NPS Station ID: BLRI0211 LAT/LON: 35.676392/ -82.335560
 Location: BURNETT RESERVOIR AT UPS END NR WALKERTOWN NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060400.42 RF3 Mile Point: 0.42
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3720900 /FRBBUR2
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 6.50
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0211

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	16	23.95	23.694	25.6	21.5	1.841	1.357	21.64	22.2	24.8	25.46
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	2	4.95	4.95	5.1	4.8	0.045	0.212	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	15	3.	5.933	12.	1.	18.495	4.301	1.	2.	10.	11.4
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	16	7.85	7.919	8.5	7.	0.172	0.415	7.35	7.7	8.35	8.5
00400	PH (STANDARD UNITS)	07/31/90-07/27/92	16	6.95	6.887	7.4	6.1	0.151	0.388	6.24	6.625	7.25	7.4
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/27/92	16	6.947	6.715	7.4	6.1	0.182	0.427	6.24	6.625	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/27/92	16	0.113	0.193	0.794	0.04	0.041	0.202	0.04	0.057	0.238	0.589
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	2	17.5	17.5	26.	9.	144.5	12.021	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	2 ##	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	2	0.12	0.12	0.15	0.09	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0211

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	16	0	0.00								
00400	PH	Other-Hi Lim.	9.	16	0	0.00	16	0	0.00								
		Other-Lo Lim.	6.5	16	3	0.19	16	3	0.19								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0212

NPS Station ID: BLRI0212
 Location: BURNETT RESERVOIR
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105
 RF3 Index: 06010105059700.33
 Description:

LAT/LON: 35.666670/ -82.338892

Depth of Water: 13
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.32

Agency: 12ELS1
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 3A3-006
 Within Park Boundary: No

Date Created: 04/16/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0212

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/21/84-11/21/84	1	4.15	4.15	4.15	4.15	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/21/84-11/21/84	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/84-11/21/84	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	1	79.5	79.5	79.5	79.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CaCO3)	11/21/84-11/21/84	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/21/84-11/21/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/21/84-11/21/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	1	2560.17	2560.17	2560.17	2560.17	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0212

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0212

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	1	1	1.00				1	1	1.00							
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	1	0	0.00				1	0	0.00							
	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	1	0	0.00				1	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	1	0	0.00				1	0	0.00							
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0213

NPS Station ID: BLRI0213 LAT/LON: 35.663060/ -82.342227
 Location: BURNETT RESERVOIR AT DAM NR WALKERTOWN NC
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005604.38 RF3 Mile Point: 4.38
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3730120 /FRBBUR4BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0213

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0214

NPS Station ID: BLRI0214 LAT/LON: 35.663060/ -82.342227
 Location: BURNETT RESERVOIR AT DAM NR WALKERTOWN NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005605.74 RF3 Mile Point: 5.74
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3730100 /FRBBUR4
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0214

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	29	22.	20.131	26.5	8.1	34.759	5.896	10.	15.85	25.2	26.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	2	5.4	5.4	6.2	4.6	1.28	1.131	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	28	7.5	7.429	12.	2.	8.402	2.899	2.9	5.25	10.	11.1
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	29	7.8	7.986	10.2	5.8	1.567	1.252	6.2	7.35	8.7	10.1
00400	PH (STANDARD UNITS)	07/31/90-07/27/92	29	6.9	6.814	7.4	5.9	0.176	0.42	6.2	6.45	7.15	7.3
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/27/92	29	6.9	6.601	7.4	5.9	0.223	0.472	6.2	6.45	7.15	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/27/92	29	0.126	0.25	1.259	0.04	0.081	0.285	0.05	0.071	0.357	0.631
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	2	0.13	0.13	0.16	0.1	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0214

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	29	0	0.00									
00400	PH	Other-Hi Lim.	9.	29	0	0.00	29	0	0.00									
		Other-Lo Lim.	6.5	29	9	0.31	29	9	0.31									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0215

NPS Station ID: BLRI0215 LAT/LON: 35.663060/ -82.342227
 Location: BURNETT RESERVOIR AT DAM NR WALKERTOWN NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005604.38 RF3 Mile Point: 4.38
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3730110 /FRBBUR4SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0215

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/31/90-07/27/92	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/31/90-07/27/92	2##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/27/92	2##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/27/92	2##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/31/90-07/27/92	2##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/27/92	2##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/31/90-07/27/92	2##	61.	61.	97.	25.	2592.	50.912	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/27/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/90-07/27/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/27/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/27/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/90-07/27/92	2##	77.5	77.5	130.	25.	5512.5	74.246	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/31/90	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0215

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00										
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
01027	CADMIUM, TOTAL																	
	Fresh Acute	3.9	2	0	0.00	2	0	0.00										
	Drinking Water	5.	2	0	0.00	2	0	0.00										
01034	CHROMIUM, TOTAL																	
	Drinking Water	100.	2	0	0.00	2	0	0.00										
01042	COPPER, TOTAL																	
	Fresh Acute	18.	2	0	0.00	2	0	0.00										
	Drinking Water	1300.	2	0	0.00	2	0	0.00										
01051	LEAD, TOTAL																	
	Fresh Acute	82.	2	0	0.00	2	0	0.00										
	Drinking Water	15.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0215

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
	Drinking Water	100.	2	0	0.00	2	0	0.00									
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0216

NPS Station ID: BLRI0216
 Location: BURNETT RESERVOIR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 6670 0750
 RMI-Miles: 0953.80 0046.50 652.10 149.00 017.40 004.90
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: NORTH FORK SWANNANOA RIVER 4.9
 RF1 Index: 06010105056
 RF3 Index: 06010105102200.00
 Description:
 ELEVATION MSL FEET, 2600
 MAP (QUAD NO.) 201NE

LAT/LON: 35.661948/ -82.343893

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 4.530
 RF3 Mile Point: 1.33

SURFACE AREA ACRES, >5

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 370139
 Within Park Boundary: No

Date Created: 07/30/83

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 17.10
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0216

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	17	9.3	9.971	13.1	6.9	5.392	2.322	6.98	7.9	12.65	13.02
00080	COLOR (PLATINUM-COBALT UNITS)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	17	24.	24.412	25.	24.	0.257	0.507	24.	24.	25.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	17	11.	11.094	11.5	10.6	0.071	0.266	10.68	10.95	11.4	11.42
00400	PH (STANDARD UNITS)	17	6.03	5.979	6.1	5.63	0.019	0.138	5.686	5.925	6.07	6.092
00400	CONVERTED PH (STANDARD UNITS)	17	6.03	5.955	6.1	5.63	0.02	0.14	5.686	5.925	6.07	6.092
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	17	0.933	1.109	2.344	0.794	0.193	0.439	0.809	0.851	1.192	2.065
00403	PH, LAB, STANDARD UNITS SU	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	1	60.	60.	60.	60.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	1	700.	700.	700.	700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0216

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00							17	0	0.00			
00400 PH	Other-Hi Lim.	9.	17	0	0.00							17	0	0.00			
	Other-Lo Lim.	6.5	17	17	1.00							17	17	1.00			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			
82295 CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	1	0	0.00							1	0	0.00			
	Drinking Water	250000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0217

NPS Station ID: BLRI0217 LAT/LON: 35.670837/ -82.344449
 Location: N FORK SWANNANOA R NR BLACK MTN INACT-750326
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105056 RF1 Mile Point: 5.190
 RF3 Index: 06010105054600.00 RF3 Mile Point: 0.06
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3730000 /FRB034L /FRB0341B
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0217

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/75-03/26/75	3	7.	7.333	9.	6.	2.333	1.528	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/25/74-03/26/75	4	70.	60.	100.	0.	1800.	42.426	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	07/25/74-03/26/75	4	0.1	0.103	0.2	0.01	0.006	0.078	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-07/25/74	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/75-03/26/75	3	25.	27.333	37.	20.	76.333	8.737	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/75-03/26/75	3	11.2	11.1	11.8	10.3	0.57	0.755	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/10/75-03/26/75	3	97.	92.	97.	82.	75.	8.66	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/75-03/26/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/10/75-03/26/75	3	6.4	6.567	6.9	6.4	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/75-03/26/75	3	6.4	6.512	6.9	6.4	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/75-03/26/75	3	0.398	0.307	0.398	0.126	0.025	0.157	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/75-03/26/75	3	8.	10.	15.	7.	19.	4.359	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/73-07/17/73	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/73-07/17/73	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/73-07/25/74	3	0.17	0.157	0.17	0.13	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/73-07/25/74	3##	0.025	0.037	0.06	0.025	0.	0.02	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/12/73-07/25/74	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/12/73-07/25/74	3##	25.	25.	25.	25.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/73-07/25/74	3##	0.025	8.35	25.	0.025	207.917	14.419	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/12/73-07/25/74	3##	0.025	8.35	25.	0.025	207.917	14.419	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/12/73-07/25/74	3##	20.	20.	20.	20.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/17/73-07/25/74	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/12/73-07/25/74	3##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/09/73-03/26/75	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/09/73-03/26/75	3##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/12/73-07/25/74	2##	1.251	1.251	2.5	0.003	3.119	1.766	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/12/73-07/25/74	3##	0.25	0.733	1.7	0.25	0.701	0.837	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0217

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	4.	3	0	0.00				3	0	0.00						
00400	PH	9.	3	0	0.00				3	0	0.00						
		6.5	3	2	0.67				3	2	0.67						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	3	0	0.00	2	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		50.	3	0	0.00	2	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
		5.	0 &	0	0.00												
01032	CHROMIUM, HEXAVALENT	16.	2 &	0	0.00	1	0	0.00				1	0	0.00			
		100.	3	0	0.00	2	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	18.	0 &	0	0.00												
		1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	82.	2	0	0.00	2	0	0.00									
		15.	0 &	0	0.00												
01092	ZINC, TOTAL	120.	3	0	0.00	2	0	0.00				1	0	0.00			
		5000.	3	0	0.00	2	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	3	0	0.00	2	0	0.00	1	0	0.00						
71900	MERCURY, TOTAL	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		2.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0218

NPS Station ID: BLRI0218
 Location: NF SWANNANOVA RIVER AT DAM NR BLACK MOUNTAIN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105056
 RF3 Index: 06010105002304.09
 Description:

LAT/LON: 35.662227/ -82.345282
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.530
 RF3 Mile Point: 7.16

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03448959
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0218

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/70-10/09/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/09/70-10/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	10/09/70-10/09/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	10/09/70-10/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	10/09/70-10/09/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	10/09/70-10/09/70	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	10/09/70-10/09/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	10/09/70-10/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0218

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	1	1.00	1	1	1.00									
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0220

NPS Station ID: BLRI0220
 Location: N FORK SWANNANOA R NR BLACK MOUNTAIN, N. C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105056
 RF3 Index: 06010105002105.64
 Description:

LAT/LON: 35.653059/ -82.351116
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 3.690
 RF3 Mile Point: 9.12

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03449000
 Within Park Boundary: No

Date Created: 01/05/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0220

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-04/04/58	2	54.	54.	94.	14.	3200.	56.569	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/06/57-04/04/58	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/57-04/04/58	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	11/06/57-04/04/58	2	6.25	6.25	6.3	6.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/06/57-04/04/58	2	6.247	6.247	6.3	6.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/57-04/04/58	2	0.566	0.566	0.631	0.501	0.008	0.092	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/06/57-04/04/58	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/06/57-04/04/58	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/06/57-04/04/58	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/06/57-04/04/58	2	1.3	1.3	1.4	1.2	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/06/57-04/04/58	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/06/57-04/04/58	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/57-04/04/58	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/06/57-04/04/58	2	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/57-04/04/58	2	0.65	0.65	1.	0.3	0.245	0.495	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/57-04/04/58	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/06/57-04/04/58	2	6.	6.	6.6	5.4	0.72	0.849	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	11/06/57-04/04/58	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/06/57-04/04/58	2	14.	14.	15.	13.	2.	1.414	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	11/06/57-04/04/58	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0220

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0221

NPS Station ID: BLRI0221 LAT/LON: 35.642226/ -82.401948
 Location: BEE TREE RESERVOIR AT DAM NR SWANNANOA
 Station Type: /TYP/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005703.50 RF3 Mile Point: 4.39
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4040020 /FRBBTR1BOT
 Within Park Boundary: No
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.01

Date Created: 06/09/90
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0221

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0222

NPS Station ID: BLRI0222 LAT/LON: 35.642226/ -82.401948
 Location: BEE/TREE RESERVOIR AT DAM NR SWANNANOVA
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005604.38 RF3 Mile Point: 4.38
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4040000 /FRBBTR1
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0222

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/27/92	26	22.35	20.831	25.8	7.8	24.099	4.909	10.67	19.425	24.425	25.6
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/27/92	2 ##	0.9	0.9	1.3	0.5	0.32	0.566	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/27/92	2	4.8	4.8	5.	4.6	0.08	0.283	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/27/92	26	13.	12.115	17.	5.	12.586	3.548	5.7	9.75	15.	16.3
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/27/92	26	8.1	8.054	10.2	3.7	2.323	1.524	6.22	6.875	9.275	9.8
00400	PH (STANDARD UNITS)	07/31/90-07/27/92	26	6.9	6.942	7.7	6.2	0.165	0.406	6.47	6.7	7.325	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/27/92	26	6.9	6.785	7.7	6.2	0.191	0.437	6.47	6.7	7.325	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/27/92	26	0.126	0.164	0.631	0.02	0.019	0.139	0.025	0.048	0.2	0.341
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/27/92	2	20.5	20.5	24.	17.	24.5	4.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/27/92	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/27/92	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/27/92	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/27/92	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/27/92	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/27/92	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/27/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/27/92	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0222

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	1	0.04	26	1	0.04								
00400	PH	Other-Hi Lim.	9.	26	0	0.00	26	0	0.00								
		Other-Lo Lim.	6.5	26	5	0.19	26	5	0.19								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0223

NPS Station ID: BLRI0223 LAT/LON: 35.642226/ -82.401948
 Location: BEE/TREE RESERVOIR AT DAM NR SWANNANOVA
 Station Type: /TYP/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005703.50 RF3 Mile Point: 4.39
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4040010 /FRBBTRISUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0223

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	8.	8.	8.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/31/90-07/27/92	2	5.5	5.5	6.	0.5	0.707	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/31/90-07/27/92	2##	0.75	0.75	1.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/27/92	2##	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/27/92	2##	12.5	12.5	12.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/27/92-07/27/92	1##	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/27/92	2##	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/27/92-07/27/92	1##	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/27/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/27/92-07/27/92	1##	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/27/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/27/92	2##	10.	10.	15.	50.	7.071	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/27/92-07/27/92	1##	25.	25.	25.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/27/92	2##	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0223

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00										
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	2	0	0.00	2	0	0.00										
	Drinking Water	250.	2	0	0.00	2	0	0.00										
01027	CADMIUM, TOTAL																	
	Fresh Acute	3.9	2	0	0.00	2	0	0.00										
	Drinking Water	5.	2	0	0.00	2	0	0.00										
01034	CHROMIUM, TOTAL																	
	Drinking Water	100.	2	0	0.00	2	0	0.00										
01042	COPPER, TOTAL																	
	Fresh Acute	18.	2	0	0.00	2	0	0.00										
	Drinking Water	1300.	2	0	0.00	2	0	0.00										
01051	LEAD, TOTAL																	
	Fresh Acute	82.	2	0	0.00	2	0	0.00										
	Drinking Water	15.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0223

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
	Drinking Water	100.	2	0	0.00	2	0	0.00									
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
	Drinking Water	5000.	2	0	0.00	2	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0224

NPS Station ID: BLRI0224
 Location: BEE/TREE CK NEAR SWANNANOVA NC PS-10
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105057
 RF3 Index: 06010105005401.96
 Description:

LAT/LON: 35.653059/ -82.405560

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 4.520
 RF3 Mile Point: 2.27

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4030000 /FRB034P /03450000
 Within Park Boundary: No

Date Created: 03/14/81

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 2.20
 Distance from RF3: 0.22

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	83	15.	12.614	20.	5.	11.167	3.342	8.	10.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	101	11.	11.218	25.	0.5	32.677	5.716	4.	6.5	16.	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	93	19.	17.446	32.	2.	54.725	7.398	7.	11.	23.5	26.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	91	50.	51.813	100.	0.	1652.509	40.651	0.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	68	5.	4.191	20.	0.	17.261	4.155	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	90	0.	0.15	2.	0.	0.14	0.375	0.	0.	0.1	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	74	7.	9.126	55.	0.	90.222	9.499	1.	2.	13.25	18.5
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	87	0.5	0.433	2.	0.1	0.067	0.259	0.1	0.3	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	76	2.79	2.742	3.37	2.06	0.07	0.264	2.39	2.523	2.958	3.023
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	95 ##	0.5	0.762	2.	0.5	0.19	0.436	0.5	0.5	1.	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	05/30/86-08/31/88	8	7.	8.063	22.	0.5	46.888	6.848	**	**	**	**
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	06/30/87-06/21/89	9	1.	1.667	5.	0.5	2.375	1.541	0.5	0.5	2.5	5.
00083	COLOR,SPECTROPHOTOMETRIC,FIL,WATER SPL ADMI UNITS	06/30/87-06/21/89	9 ##	0.5	1.556	6.	0.5	3.59	1.895	0.5	0.5	2.5	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	83	20.	20.157	51.	11.	36.987	6.082	13.	15.	24.	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/86-07/23/93	10	17.	17.4	26.	13.	18.933	4.351	13.	13.75	20.	25.7
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	97	9.6	9.624	12.4	6.7	1.522	1.234	8.1	8.7	10.45	11.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/27/86-12/31/90	42	0.35	0.545	7.2	0.05	1.153	1.074	0.13	0.2	0.5	0.77
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	87	6.6	6.631	7.5	5.8	0.131	0.362	6.1	6.5	6.84	7.1
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	87	6.6	6.467	7.5	5.8	0.158	0.397	6.1	6.5	6.84	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	87	0.251	0.341	1.585	0.032	0.134	0.366	0.079	0.145	0.316	0.794
00403	PH, LAB, STANDARD UNITS SU	03/27/86-12/13/94	44	6.7	6.636	7.	6.1	0.04	0.2	6.35	6.525	6.8	6.85
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/86-12/13/94	44	6.7	6.585	7.	6.1	0.043	0.207	6.35	6.525	6.8	6.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-12/13/94	44	0.2	0.26	0.794	0.1	0.023	0.152	0.142	0.158	0.3	0.45
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/27/86-02/19/92	41	5.	4.846	9.	0.7	2.838	1.685	3.	4.	6.	7.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	03/27/86-10/29/93	68	5.	5.368	11.	1.	5.102	2.259	2.	4.	7.	8.
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	94	33.	35.362	67.	12.	162.986	12.767	20.	26.	44.25	53.5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/27/86-11/07/89	37	13.	14.676	37.	0.5	102.045	10.102	2.	5.5	22.	31.2
00510	RESIDUE, TOTAL FIXED (MG/L)	03/27/86-11/07/89	37	16.	16.973	45.	2.	78.916	8.883	7.6	11.5	20.	31.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	96	1.	1.943	14.	0.5	4.252	2.062	0.5	0.5	2.	4.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/27/86-11/07/89	37	1.	1.797	10.	0.5	3.506	1.873	0.5	0.5	3.	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/27/86-11/07/89	37 ##	0.5	0.878	4.	0.5	0.853	0.924	0.5	0.5	0.5	2.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	79	0.02	0.028	0.14	0.005	0.001	0.023	0.01	0.01	0.04	0.06
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/27/86-09/30/86	6	0.7	0.65	0.9	0.4	0.043	0.207	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	79	0.1	0.12	0.5	0.005	0.008	0.091	0.05	0.05	0.2	0.2
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/27/86-09/30/86	6	200.	312.425	940.	4.55	107332.884	327.617	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	80	0.18	0.181	0.37	0.005	0.008	0.088	0.051	0.13	0.24	0.3
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	03/27/86-09/30/86	6	1.85	2.133	3.8	1.1	1.251	1.118	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	80	0.01	0.012	0.09	0.005	0.	0.015	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/27/86-09/30/86	6 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/86-03/13/89	16 ##	2.5	2.656	5.	2.5	0.391	0.625	2.5	2.5	3.25
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/30/86-03/13/89	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	85	6.	6.753	52.	2.	32.998	5.744	4.	7.	8.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/13/89-03/13/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/27/86-09/30/86	6	4000.	3115.133	5200.	0.8	5795553.307	2407.396	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/30/86-06/21/89	18	0.5	0.511	0.7	0.4	0.008	0.09	0.4	0.4	0.61
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	72 ##	0.5	0.701	2.	0.5	0.103	0.321	0.5	0.5	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/86-08/20/91	42 ##	2.5	3.024	7.	2.5	1.28	1.131	2.5	2.5	5.
00951	FLUORIDE, TOTAL (MG/L AS F)	05/19/88-05/19/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/86-12/13/94	63 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/27/86-09/30/86	6 ##	6.55	7.7	16.	1.05	54.535	7.385	5.	5.	5.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/30/88-06/18/90	4 ##	12.5	10.625	12.5	5.	14.063	3.75	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/30/86-12/13/94	64 ##	1.	1.875	5.	1.	2.778	1.667	1.	1.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	6	15.5	15.5	18.	13.	5.9	2.429	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/86-12/13/94	67 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5
01037	COBALT, TOTAL (UG/L AS CO)	05/30/86-06/18/90	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/30/86-12/13/94	65 ##	1.	4.4	120.	1.	216.65	14.719	1.	1.	5.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/30/86-09/30/86	4	14.	13.3	16.	9.2	8.36	2.891	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	70 ##	25.	71.371	1000.	25.	21055.976	145.107	25.	25.	109.
01051	LEAD, TOTAL (UG/L AS Pb)	05/30/86-12/13/94	64 ##	5.	9.734	25.	5.	70.389	8.39	5.	5.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS Pb DRY WGT)	03/27/86-09/30/86	6	2.3	2.483	4.3	1.5	1.062	1.03	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	76 ##	12.5	18.178	370.	5.	2968.031	54.48	5.	5.	12.5
01067	NICKEL, TOTAL (UG/L AS Ni)	05/30/86-12/13/94	65 ##	5.	10.969	25.	5.	83.562	9.141	5.	5.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/86-09/30/86	6	9.95	10.45	15.	6.4	13.583	3.686	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/14/85-10/20/87	4 ##	0.25	0.32	0.53	0.25	0.02	0.14	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	11/30/88-12/02/92	3 ##	12.5	13.333	25.	2.5	127.083	11.273	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	05/30/86-12/13/94	66 ##	5.	5.561	19.	5.	5.481	2.341	5.	5.	5.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS Zn DRY WGT)	03/27/86-09/30/86	6	36.5	35.667	42.	28.	40.267	6.346	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS Sb)	09/30/86-09/30/86	1 ##	250.	250.	250.	250.	0.	0.	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS Al)	03/27/86-12/13/94	83 ##	25.	62.277	650.	25.	6844.276	82.73	25.	25.	112.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS Al DRY WGT)	03/27/86-09/30/86	6	10900.	10583.333	13000.	7400.	7209666.667	2685.082	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	05/30/86-06/18/90	19 ##	2.5	2.474	2.5	2.	0.013	0.115	2.5	2.5	2.5
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS Fe DRY WGT)	03/27/86-09/30/86	6	21000.	21333.333	24000.	19000.	6666666.667	2581.989	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	65	40.	95.7	1000.	0.5	25067.006	158.326	5.6	13.5	282.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	65	1.602	1.576	3.	-0.301	0.421	0.649	0.746	1.13	2.041
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	GEOMETRIC MEAN =			37.697							2.45
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	81 ##	0.5	2.049	19.	0.5	10.373	3.221	0.5	0.5	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	81 ##	-0.301	0.013	1.279	-0.301	0.203	0.451	-0.301	-0.301	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.029							0.699
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/10/81-02/11/81	4	5300.	5925.	8600.	4500.	3749166.667	1936.276	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/10/81-02/11/81	4	3.719	3.757	3.934	3.653	0.018	0.134	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	GEOMETRIC MEAN =			5709.043							**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/30/86-03/13/89	10 ##	1.	2.7	9.	1.	7.567	2.751	1.	1.	8.6
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/20/87-10/20/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
34684	DIELDRIN TISMG/KG	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34685	ENDRIN WET WGT TISMG/KG	10/20/87-10/20/87	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**
34688	HEXACHLOROBENZENE WET WGT TISMG/KG	10/20/87-10/20/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39063	CHLORDANE-CIS ISOMER, TISSUE WET WGT (UG/G)	10/20/87-10/20/87	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**
39066	CHLORDANE-TRANS ISOMER, TISSUE WET WGT (UG/G)	10/20/87-10/20/87	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO, TISSUE, WET WT, UG/G	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	10/20/87-10/20/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/20/87-10/20/87	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/20/87-10/20/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	10/20/87-10/20/87	1 ##	40.	40.	40.	40.	0.	0.	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/20/87-10/20/87	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/86-09/12/91	45 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	03/27/86-09/30/86	6	160.	156.667	210.	110.	1066.667	32.66	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/86-12/13/94	64 ##	0.1	0.117	0.8	0.1	0.01	0.1	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/27/86-09/30/86	6 ##	0.01	0.02	0.06	0.01	0.	0.02	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/85-10/20/87	4	0.08	0.078	0.11	0.04	0.001	0.033	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	4	0.57	0.595	0.72	0.52	0.008	0.088	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/14/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/85-10/20/87	4 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/85-10/20/87	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	06/30/88-09/30/88	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0224

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	95	0	0.00	26	0	0.00	46	0	0.00	23	0	0.00			
00300	OXYGEN, DISSOLVED	4.	97	0	0.00	28	0	0.00	45	0	0.00	24	0	0.00			
00400	PH	9.	87	0	0.00	26	0	0.00	39	0	0.00	22	0	0.00			
		6.5	87	30	0.34	26	8	0.31	39	17	0.44	22	5	0.23			
00403	PH, LAB	9.	44	0	0.00	10	0	0.00	24	0	0.00	10	0	0.00			
		6.5	44	11	0.25	10	1	0.10	24	8	0.33	10	2	0.20			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	80	0	0.00	20	0	0.00	41	0	0.00	19	0	0.00			
00720	CYANIDE, TOTAL	0.022	8	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00			
		0.2	8	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	860.	72	0	0.00	19	0	0.00	36	0	0.00	17	0	0.00			
		250.	72	0	0.00	19	0	0.00	36	0	0.00	17	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	42	0	0.00	8	0	0.00	23	0	0.00	11	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	1	0	0.00	0	0	0.00	0	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	360.	63	0	0.00	19	0	0.00	29	0	0.00	15	0	0.00			
		50.	63	0	0.00	19	0	0.00	29	0	0.00	15	0	0.00			
01012	BERYLLIUM, TOTAL	130.	4	0	0.00	0	0	0.00	2	0	0.00	2	0	0.00			
		4.	0 &	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00			
01027	CADMIUM, TOTAL	3.9	50 &	0	0.00	14	0	0.00	24	0	0.00	12	0	0.00			
		5.	50 &	0	0.00	14	0	0.00	24	0	0.00	12	0	0.00			
01034	CHROMIUM, TOTAL	100.	67	0	0.00	19	0	0.00	32	0	0.00	16	0	0.00			
01042	COPPER, TOTAL	18.	65	1	0.02	19	1	0.05	31	0	0.00	15	0	0.00			
		1300.	65	0	0.00	19	0	0.00	31	0	0.00	15	0	0.00			
01051	LEAD, TOTAL	82.	64	0	0.00	19	0	0.00	30	0	0.00	15	0	0.00			
		15.	50 &	2	0.04	14	0	0.00	24	1	0.04	12	1	0.08			
01067	NICKEL, TOTAL	1400.	65	0	0.00	19	0	0.00	31	0	0.00	15	0	0.00			
		100.	65	0	0.00	19	0	0.00	31	0	0.00	15	0	0.00			
01077	SILVER, TOTAL	4.1	1 &	0	0.00	0	0	0.00	1	0	0.00	0	0	0.00			
		100.	3	0	0.00	1	0	0.00	2	0	0.00	0	0	0.00			
01092	ZINC, TOTAL	120.	66	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00			
		5000.	66	0	0.00	19	0	0.00	31	0	0.00	16	0	0.00			
01097	ANTIMONY, TOTAL	88.	0 &	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00			
		6.	0 &	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00			
01147	SELENIUM, TOTAL	20.	19	0	0.00	5	0	0.00	8	0	0.00	6	0	0.00			
		50.	19	0	0.00	5	0	0.00	8	0	0.00	6	0	0.00			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	65	1	0.02	18	0	0.00	30	0	0.00	17	1	0.06			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	81	0	0.00	22	0	0.00	40	0	0.00	19	0	0.00			
71900	MERCURY, TOTAL	2.4	64	0	0.00	19	0	0.00	30	0	0.00	15	0	0.00			
		2.	64	0	0.00	19	0	0.00	30	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	4	0.5	0.75	1.5	0.5	0.25	0.5	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	4	8.	7.5	12.	2.	17.	4.123	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	4	0.903	0.797	1.079	0.301	0.116	0.341	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			6.26								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	1	10.	10.	10.	0.	0.	**	**	**	**	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	10	16.	15.1	25.	4.	34.322	5.859	4.7	11.	19.25	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	10	21.5	21.7	32.	6.	63.344	7.959	6.8	17.	28.5	31.8
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	10	20.	29.	100.	0.	1121.111	33.483	0.	0.	50.	95.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	10	0.	0.2	2.	0.	0.4	0.632	0.	0.	0.	1.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	7	1.	2.471	8.	0.7	8.339	2.888	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	1	0.2	0.2	0.2	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	10	2.38	2.387	2.85	2.06	0.043	0.206	2.077	2.253	2.483	2.814
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	10 ##	0.5	0.59	1.4	0.5	0.081	0.285	0.5	0.5	0.5	1.31
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	8	19.5	18.25	24.	11.	26.214	5.12	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	10	8.75	8.8	11.3	6.7	1.582	1.258	6.78	8.025	9.55	11.14
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	7	6.8	6.786	7.	6.6	0.018	0.135	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	7	6.8	6.768	7.	6.6	0.018	0.136	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	7	0.158	0.17	0.251	0.1	0.003	0.051	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	10	26.	29.6	51.	15.	132.489	11.51	15.2	21.5	39.25	50.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	10	1.	2.4	14.	0.5	17.267	4.155	0.5	0.5	2.25	12.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	10	0.035	0.046	0.14	0.02	0.001	0.035	0.02	0.028	0.053	0.132
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	10	0.1	0.145	0.3	0.05	0.01	0.098	0.05	0.05	0.225	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	10	0.185	0.191	0.37	0.005	0.012	0.11	0.01	0.133	0.285	0.363
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	10	0.01	0.01	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.028
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	10	7.	8.5	26.	4.	39.167	6.258	4.2	6.	8.	24.2
00940	CHLORIDE, TOTAL IN WATER MG/L	03/27/86-01/12/95	10	1.	0.95	2.	0.5	0.192	0.438	0.5	0.5	1.	1.9
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	7	60.	140.714	650.	25.	51095.238	226.043	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	10 ##	12.5	81.25	370.	12.5	19511.458	139.683	12.5	12.5	106.25	365.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	10	50.	120.	650.	25.	37611.111	193.936	25.	25.	125.	605.
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	03/27/86-01/12/95	8	40.	72.625	200.	9.	4775.696	69.106	**	**	**	**
31504	LOG COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 3	03/27/86-01/12/95	8	1.602	1.651	2.301	0.954	0.238	0.488	**	**	**	**
31504	GM COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 3	GEOMETRIC MEAN =			44.782								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	9	1.	3.5	19.	0.5	36.063	6.005	0.5	0.5	4.	19.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	9	0.	0.172	1.279	-0.301	0.294	0.543	-0.301	-0.301	0.588	1.279
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.487								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	10	10.	9.	15.	5.	8.444	2.906	5.1	6.	10.	14.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	10	9.	10.9	20.	5.	31.656	5.626	5.	5.75	15.75	19.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	10	11.5	14.4	27.	5.	76.933	8.771	5.	5.75	23.	26.9
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	9	75.	68.333	100.	0.	1275.	35.707	0.	45.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	10	1.	3.7	10.	0.	21.344	4.62	0.	0.	10.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	10	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	7	4.	5.143	17.	0.	36.476	6.04	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	10	0.15	0.2	0.5	0.1	0.018	0.133	0.1	0.1	0.3	0.48
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	7	2.66	2.623	3.	2.31	0.062	0.249	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	10	22.	20.6	28.	12.	42.044	6.484	12.1	13.75	27.	27.9
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	10	9.75	9.84	12.2	8.1	1.665	1.29	8.16	8.7	10.55	12.14
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	9	6.6	6.644	7.	6.5	0.02	0.142	6.5	6.6	6.65	7.
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	9	6.6	6.627	7.	6.5	0.021	0.144	6.5	6.6	6.65	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	9	0.251	0.236	0.316	0.1	0.003	0.059	0.1	0.225	0.251	0.316
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	10	28.5	31.8	62.	12.	335.956	18.329	12.	13.5	52.	61.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	10	1.	2.05	8.	0.5	6.192	2.488	0.5	0.5	2.75	7.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	11	0.02	0.022	0.04	0.01	0.	0.012	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	11 ##	0.05	0.073	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	11	0.16	0.154	0.31	0.005	0.005	0.071	0.028	0.13	0.17	0.286
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	11	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	10	7.	7.7	10.	7.	1.122	1.059	7.	7.	8.25	9.9
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	10 ##	0.5	0.65	1.	0.5	0.058	0.242	0.5	0.5	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	9 ##	25.	137.222	1000.	25.	104813.194	323.749	25.	25.	42.5	1000.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	11 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	11	50.	72.727	250.	25.	4431.818	66.572	25.	25.	100.	220.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	9	70.	102.389	320.	0.5	14117.486	118.817	0.5	9.	200.	320.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	03/27/86-01/12/95	9	1.845	1.505	2.505	-0.301	0.847	0.921	-0.301	0.906	2.273	2.505
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3				32.023								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	10 ##	0.5	1.2	4.	0.5	1.344	1.16	0.5	0.5	2.	3.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	10 ##	-0.301	-0.06	0.602	-0.301	0.117	0.342	-0.301	-0.301	0.301	0.572
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				0.871								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	11	8.	9.	15.	6.	5.4	2.324	6.4	8.	10.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	12	9.5	10.	18.	3.	32.364	5.689	3.	5.	16.75	17.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	11	19.	14.545	23.	2.	66.273	8.141	2.4	5.	21.	23.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	11	100.	62.727	100.	0.	2021.818	44.965	0.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	11	5.	4.273	10.	0.	12.818	3.58	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	11	0.	0.042	0.2	0.	0.006	0.08	0.	0.	0.05	0.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	5	2.	3.4	9.	1.	11.3	3.362	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	11	0.2	0.209	0.5	0.1	0.015	0.122	0.1	0.1	0.3	0.46
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	6	2.535	2.585	2.88	2.42	0.03	0.173	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	11 ##	0.5	0.555	1.1	0.5	0.033	0.181	0.5	0.5	0.5	0.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	8	21.5	24.875	51.	13.	154.696	12.438	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	12	10.	10.025	12.4	7.7	2.093	1.447	7.85	8.725	11.225	12.22
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	12	6.7	6.675	7.3	6.2	0.1	0.317	6.23	6.5	6.7	7.27
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	12	6.7	6.584	7.3	6.2	0.109	0.331	6.23	6.5	6.7	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	12	0.2	0.261	0.631	0.05	0.028	0.166	0.054	0.2	0.316	0.592
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	12	28.5	32.583	56.	17.	202.265	14.222	17.3	20.	48.75	54.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	12	1.5	1.958	7.	0.5	3.339	1.827	0.5	0.625	2.75	5.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	10	0.02	0.018	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	11	0.16	0.173	0.3	0.005	0.009	0.094	0.018	0.12	0.28	0.298
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	11	0.01	0.011	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.034
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	12	5.5	5.333	7.	3.	1.515	1.231	3.3	4.25	6.	7.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	11 ##	25.	54.545	250.	25.	4477.273	66.912	25.	25.	50.	215.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	11 ##	12.5	13.636	25.	12.5	14.205	3.769	12.5	12.5	12.5	22.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	11 ##	25.	54.545	150.	25.	1852.273	43.038	25.	25.	100.	140.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	9	100.	194.444	660.	30.	42827.778	206.949	30.	45.	310.	660.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	03/27/86-01/12/95	9	2.	2.066	2.82	1.477	0.23	0.479	1.477	1.628	2.491	2.82
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			116.34								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	10 ##	1.25	3.05	10.	0.5	12.247	3.5	0.5	0.5	5.75	9.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	10 ##	0.	0.188	1.	-0.301	0.303	0.55	-0.301	-0.301	0.75	0.99
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.54								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	10	12.5	11.9	15.	8.	11.211	3.348	8.	8.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	12	11.5	11.917	18.	5.	26.629	5.16	5.3	7.25	17.	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	11	15.	17.545	28.	7.	58.273	7.634	7.4	9.	26.	27.6
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	11	25.	39.545	100.	0.	1732.273	41.621	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	12	5.	3.75	5.	0.	5.114	2.261	0.	1.25	5.	5.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	12	0.105	0.434	2.	0.	0.467	0.684	0.	0.	0.825	1.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	12	11.	17.083	55.	3.	259.356	16.105	3.6	7.	26.	50.5
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	12	0.5	0.567	1.	0.3	0.075	0.274	0.3	0.325	0.875	1.
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	12	2.905	2.94	3.37	2.6	0.049	0.222	2.648	2.778	3.123	3.331
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	11	1.	1.036	2.	0.5	0.259	0.508	0.5	0.5	1.5	1.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	8	20.	20.5	28.	13.	30.	5.477	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	12	9.8	9.892	11.9	8.7	1.299	1.14	8.7	8.8	10.65	11.75
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	10	6.8	6.739	7.1	6.4	0.049	0.22	6.41	6.5	6.9	7.08
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	10	6.8	6.689	7.1	6.4	0.051	0.227	6.41	6.5	6.9	7.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	10	0.158	0.205	0.398	0.079	0.011	0.105	0.084	0.126	0.316	0.39
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	11	33.	33.636	50.	17.	82.655	9.091	18.	30.	37.	48.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	11	2.	2.591	7.	0.5	4.041	2.01	0.6	1.	4.	6.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	6	0.01	0.011	0.02	0.005	0.	0.005	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	6 ##	0.075	0.092	0.2	0.05	0.003	0.058	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	6	0.11	0.105	0.15	0.04	0.001	0.038	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	6 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	8	6.	12.25	52.	3.	268.214	16.377	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/27/86-01/12/95	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	7	74.	78.429	160.	25.	3148.952	56.116	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	7 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	9 ##	25.	55.889	210.	25.	3772.861	61.424	25.	25.	71.5	210.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	3	110.	403.333	1000.	100.	267033.333	516.753	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	03/27/86-01/12/95	3	2.041	2.347	3.	2.	0.32	0.566	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			222.398								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	6	3.	4.	12.	0.5	18.7	4.324	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	6	0.452	0.347	1.079	-0.301	0.313	0.56	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.221								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	10	10.	12.1	20.	6.	16.322	4.04	6.4	10.	15.	19.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	12	14.	12.75	19.	4.5	23.523	4.85	5.4	8.	17.5	18.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	11	22.	18.591	28.	5.	66.541	8.157	5.6	10.	25.	27.4
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	12	45.	47.5	100.	0.	1856.818	43.091	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	12	5.	5.417	10.	0.	15.72	3.965	0.	1.25	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	12	0.	0.079	0.5	0.	0.025	0.159	0.	0.	0.088	0.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	12	11.	11.25	23.	3.	54.023	7.35	3.	3.25	17.75	21.8
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	12	0.3	0.508	2.	0.1	0.272	0.521	0.13	0.3	0.5	1.7
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	12	2.9	2.852	3.08	2.59	0.034	0.185	2.593	2.64	3.015	3.065
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	12	1.05	1.092	2.	0.5	0.264	0.514	0.5	0.5	1.5	1.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	9	20.	18.556	25.	12.	17.278	4.157	12.	15.	21.5	25.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	12	9.85	9.725	11.7	7.9	1.571	1.253	7.93	8.45	10.725	11.58
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	10	6.8	6.88	7.5	6.6	0.073	0.27	6.6	6.675	7.025	7.46
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	10	6.8	6.82	7.5	6.6	0.077	0.277	6.6	6.675	7.025	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	10	0.158	0.151	0.251	0.032	0.005	0.071	0.036	0.095	0.212	0.251
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	12	33.5	35.583	66.	22.	169.538	13.021	22.3	23.5	44.25	60.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	12	2.	2.667	6.	0.5	4.197	2.049	0.5	1.	4.	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	4	0.015	0.035	0.1	0.01	0.002	0.044	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	4	0.15	0.2	0.4	0.1	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	4	0.18	0.218	0.34	0.17	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	4	0.015	0.026	0.07	0.005	0.001	0.03	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	7	5.	5.286	8.	3.	2.571	1.604	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	4 ##	53.	55.25	90.	25.	1233.583	35.122	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	4 ##	1.25	1.5	3.	0.5	1.5	1.225	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	4 ##	0.	0.044	0.477	-0.301	0.164	0.405	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	4 ##	0.	0.044	0.477	-0.301	0.164	0.405	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	9	15.	14.222	15.	8.	5.444	2.333	8.	15.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	9	15.	12.667	20.	4.	36.25	6.021	4.	7.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	8	19.5	17.875	24.	7.	36.696	6.058	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	7	50.	55.	100.	0.	1758.333	41.932	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	5	10.	10.	20.	0.	62.5	7.906	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	4	0.1	0.175	0.5	0.	0.056	0.236	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	10	5.5	7.6	20.	1.	39.156	6.257	1.1	2.	12.5	19.4
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	9	0.5	0.478	0.5	0.3	0.004	0.067	0.3	0.5	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	10	2.74	2.746	3.05	2.49	0.042	0.206	2.491	2.515	2.935	3.04
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	8	1.25	1.188	2.	0.5	0.424	0.651	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	9	23.	22.111	28.	15.	15.361	3.919	15.	19.	24.5	28.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	9	8.9	9.378	12.1	8.	1.969	1.403	8.	8.35	10.5	12.1
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	8	6.6	6.613	7.1	6.1	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	8	6.589	6.489	7.1	6.1	0.144	0.38	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	8	0.258	0.324	0.794	0.079	0.067	0.259	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	9	33.	35.333	58.	21.	132.75	11.522	21.	28.5	42.5	58.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	9 ##	0.5	1.5	4.	0.5	1.75	1.323	0.5	0.5	2.5	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	6	0.02	0.018	0.03	0.005	0.	0.009	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	6 ##	0.075	0.108	0.2	0.05	0.005	0.074	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	6	0.205	0.158	0.26	0.01	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	6 ##	0.008	0.009	0.02	0.005	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	6	4.	5.833	13.	4.	12.967	3.601	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	4 ##	38.5	41.	62.	25.	358.	18.921	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	7##	25.	50.143	130.	25.	1544.143	39.296	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	3	52.	72.667	150.	16.	4809.333	69.349	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	03/27/86-01/12/95	3	1.716	1.699	2.176	1.204	0.236	0.486	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3												
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	6##	0.75	1.583	4.	0.5	2.342	1.53	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	6##	-0.151	0.029	0.602	-0.301	0.171	0.414	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C												
	GEOMETRIC MEAN =			1.07									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	11	15.	15.	15.	0.	0.	15.	15.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	11	11.	10.364	18.	3.	26.055	5.104	3.4	5.	16.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	11	18.	17.727	28.	8.	44.418	6.665	8.6	11.	24.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	10	90.	58.5	100.	0.	2244.722	47.378	0.	3.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	3	5.	4.333	8.	0.	16.333	4.041	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	9	0.1	0.161	0.75	0.	0.065	0.255	0.	0.	0.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	12	8.	9.417	32.	2.	62.447	7.902	2.3	3.75	10.
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	12	2.845	2.814	3.18	2.53	0.036	0.189	2.536	2.628	2.91
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	11##	0.5	0.809	1.5	0.5	0.141	0.375	0.5	0.5	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	11	21.	21.091	27.	16.	15.291	3.91	16.2	17.	24.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	11	9.7	9.709	12.4	7.9	1.693	1.301	8.02	8.5	10.5
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	10	6.05	6.25	7.2	5.8	0.274	0.523	5.8	5.8	6.65
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	10	5.982	6.039	7.2	5.8	0.324	0.569	5.8	5.8	6.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	10	1.043	0.915	1.585	0.063	0.51	0.714	0.073	0.228	1.585
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	11	40.	40.727	67.	28.	164.418	12.823	28.	29.	47.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	11##	0.5	1.364	3.	0.5	1.105	1.051	0.5	0.5	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	12	0.03	0.031	0.07	0.005	0.	0.019	0.005	0.02	0.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	12	0.1	0.133	0.3	0.05	0.007	0.083	0.05	0.05	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	12	0.24	0.248	0.35	0.18	0.002	0.044	0.192	0.22	0.278
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	12##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	11	6.	5.182	7.	2.	1.964	1.401	2.4	4.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	11##	0.5	0.636	1.	0.5	0.055	0.234	0.5	0.5	1.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	12##	25.	27.583	56.	25.	80.083	8.949	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	12##	5.	5.	5.	5.	0.	0.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	11##	25.	39.364	120.	25.	878.055	29.632	25.	25.	52.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	11	19.	32.818	92.	2.	1002.764	31.666	2.2	7.	56.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	03/27/86-01/12/95	11	1.279	1.263	1.964	0.301	0.308	0.555	0.336	0.845	1.748
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3											
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	11##	0.5	0.636	1.	0.5	0.055	0.234	0.5	0.5	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	11##	-0.301	-0.219	0.	-0.301	0.02	0.141	-0.301	-0.301	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C											
	GEOMETRIC MEAN =			0.604								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	9	15.	15.	15.	0.	0.	15.	15.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	9	10.	10.667	19.	2.	42.5	6.519	2.	4.5	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	9	21.	17.889	26.	8.	58.111	7.623	8.	9.	24.5
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	9	50.	44.444	100.	0.	1302.778	36.094	0.	5.	70.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	9	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	9	12.	8.444	16.	1.	44.778	6.692	1.	1.5	14.5	16.
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	9	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	7	2.97	2.849	3.02	2.43	0.06	0.245	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	9##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	8	23.5	21.5	28.	12.	26.571	5.155	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	9	9.	9.156	11.1	7.8	1.513	1.23	7.8	8.1	10.35	11.1
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	9	6.6	6.622	7.1	6.	0.129	0.36	6.	6.35	6.95	7.1
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	9	6.6	6.487	7.1	6.	0.15	0.387	6.	6.35	6.95	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	9	0.251	0.326	1.	0.079	0.084	0.291	0.079	0.113	0.45	1.
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	8	38.	40.375	58.	24.	113.696	10.663	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	9	2.	1.611	4.	0.5	1.299	1.14	0.5	0.5	2.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	9	0.02	0.033	0.07	0.01	0.	0.021	0.01	0.02	0.055	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	9	0.2	0.15	0.2	0.05	0.004	0.061	0.05	0.1	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	9	0.26	0.23	0.35	0.03	0.011	0.104	0.03	0.155	0.305	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	9	0.02	0.032	0.09	0.01	0.001	0.029	0.01	0.01	0.055	0.09
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	9	5.	5.444	7.	3.	1.528	1.236	3.	5.	6.5	7.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	9##	0.5	0.833	2.	0.5	0.25	0.5	0.5	0.5	1.	2.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	9##	25.	38.556	98.	25.	759.528	27.56	25.	25.	49.5	98.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	9##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	9##	25.	41.556	79.	25.	432.778	20.803	25.	25.	57.5	79.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	9	30.	57.667	150.	5.	3326.5	57.676	5.	6.	115.	150.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	03/27/86-01/12/95	9	1.477	1.446	2.176	0.699	0.385	0.621	0.699	0.778	2.06	2.176
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			27.906								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	9##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	9##	-0.301	-0.268	0.	-0.301	0.01	0.1	-0.301	-0.301	-0.301	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.54								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	11	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	11	11.	11.182	18.	5.	18.564	4.309	5.	8.	15.	17.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	11	19.	17.636	25.	7.	26.855	5.182	8.	15.	22.	24.6
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	11	80.	58.636	100.	0.	1460.455	38.216	2.	20.	90.	98.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	10	1.5	1.7	5.	0.	3.567	1.889	0.	0.	3.	4.8
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	12	0.05	0.1	0.5	0.	0.024	0.154	0.	0.	0.1	0.44
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	11##	0.5	0.636	1.3	0.5	0.093	0.304	0.5	0.5	0.5	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	11	16.	15.727	19.	13.	4.418	2.102	13.	14.	18.	18.8
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	11	10.	9.782	11.	8.9	0.41	0.64	8.9	9.4	10.2	10.84
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	11	6.5	6.455	7.1	6.	0.123	0.35	6.02	6.2	6.6	7.08
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	11	6.5	6.348	7.1	6.	0.135	0.368	6.02	6.2	6.6	7.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	11	0.316	0.449	1.	0.079	0.084	0.29	0.084	0.251	0.631	0.959
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	10	38.5	40.3	64.	22.	127.567	11.295	23.1	34.5	46.	62.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	11##	0.5	1.273	3.	0.5	0.868	0.932	0.5	0.5	2.	2.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	11	0.03	0.032	0.08	0.005	0.	0.022	0.005	0.01	0.04	0.074
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	11	0.1	0.16	0.5	0.005	0.019	0.139	0.014	0.1	0.2	0.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	11	0.14	0.137	0.21	0.04	0.003	0.058	0.044	0.07	0.19	0.208
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	11	6.	5.909	8.	3.	2.691	1.64	3.2	5.	7.	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	11##	0.5	0.727	1.	0.5	0.068	0.261	0.5	0.5	1.	1.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	11##	25.	71.364	400.	25.	12354.855	111.152	25.	25.	63.	337.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	11##	5.	5.818	14.	5.	7.364	2.714	5.	5.	5.	12.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	11 ##	25.	62.455	280.	25.	5808.473	76.213	25.	25.	82.	241.2
31504 COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	11	23.	26.545	70.	2.	542.273	23.287	3.	9.	30.	70.
31504 LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	03/27/86-01/12/95	11	1.362	1.251	1.845	0.301	0.201	0.448	0.41	0.954	1.477	1.845
31504 GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			17.828								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	11 ##	0.5	0.909	5.	0.5	1.841	1.357	0.5	0.5	0.5	4.1
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	11 ##	-0.301	-0.21	0.699	-0.301	0.091	0.302	-0.301	-0.301	-0.301	0.499
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.616								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	12/31/86-01/12/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00032 CLOUD COVER (PERCENT)	03/27/86-01/12/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00035 WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00064 DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/27/86-01/12/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31504 COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	1	68.	68.	68.	68.	0.	0.	**	**	**	**
31504 LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	03/27/86-01/12/95	1	1.833	1.833	1.833	1.833	0.	0.	**	**	**	**
31504 GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			68.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	24	15.	12.208	15.	5.	12.607	3.551	7.	8.5	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	28	18.	17.107	20.	8.	5.21	2.283	15.	16.	18.	19.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	27	24.	23.	28.	11.	15.231	3.903	18.2	21.	26.	28.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	24	50.	58.958	100.	0.	1323.868	36.385	0.	28.75	97.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	16	0.	3.125	15.	0.	22.917	4.787	0.	0.	5.	11.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	25	0.	0.19	1.5	0.	0.142	0.377	0.	0.	0.2	0.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	25	3.	3.704	30.	0.7	32.638	5.713	0.96	1.	4.	6.4
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	24	0.5	0.4	0.5	0.1	0.023	0.153	0.1	0.3	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	23	2.58	2.582	3.17	2.37	0.03	0.174	2.39	2.45	2.66	2.77
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	26###	0.5	0.927	2.	0.5	0.31	0.557	0.5	0.5	1.5	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	26	22.	22.423	51.	15.	47.214	6.871	15.7	18.75	24.	28.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	28	8.5	8.5	9.9	7.5	0.347	0.589	7.79	8.025	8.875	9.43
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	26	6.65	6.65	7.5	5.8	0.19	0.436	5.8	6.45	7.	7.16
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	26	6.647	6.423	7.5	5.8	0.244	0.494	5.8	6.45	7.	7.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	26	0.225	0.378	1.585	0.032	0.218	0.467	0.071	0.1	0.362	1.585
00403	PH, LAB, STANDARD UNITS SU	03/27/86-12/13/94	10	6.75	6.72	7.	6.1	0.057	0.239	6.16	6.7	6.825	6.99
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/86-12/13/94	10	6.747	6.639	7.	6.1	0.065	0.254	6.16	6.7	6.825	6.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-12/13/94	10	0.179	0.229	0.794	0.1	0.041	0.201	0.103	0.15	0.2	0.735
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	03/27/86-10/29/93	21	7.	6.333	11.	1.	8.433	2.904	1.2	5.	8.	10.
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	27	44.	41.333	67.	15.	151.846	12.323	23.	32.	50.	58.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	27	2.	1.981	7.	0.5	2.528	1.59	0.5	0.5	3.	4.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	20	0.03	0.032	0.1	0.01	0.	0.021	0.01	0.02	0.04	0.059
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	20	0.15	0.165	0.4	0.05	0.01	0.101	0.05	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	20	0.26	0.255	0.37	0.14	0.005	0.071	0.16	0.195	0.31	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	20	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	24	6.	6.167	13.	3.	4.406	2.099	3.5	5.	7.	8.5
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	19###	0.5	0.605	1.	0.5	0.044	0.209	0.5	0.5	0.5	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/86-12/13/94	19###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/86-12/13/94	19###	1.	2.053	5.	1.	3.275	1.81	1.	1.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/86-12/13/94	19###	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/86-12/13/94	19###	2.	8.947	120.	1.	727.275	26.968	1.	1.	5.	7.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	19###	25.	120.737	1000.	25.	54403.538	233.246	25.	25.	74.	400.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/86-12/13/94	19###	5.	10.263	25.	5.	81.871	9.048	5.	5.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	20###	8.75	24.825	320.	5.	4854.691	69.676	5.	5.	12.5	23.9
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/86-12/13/94	19###	5.	11.316	25.	5.	91.228	9.551	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/86-12/13/94	19###	5.	6.474	19.	5.	14.152	3.762	5.	5.	5.	13.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	21	52.	63.048	280.	25.	3397.648	58.289	25.	25.	84.5	116.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED.LES ENDO AGAR,35C	03/27/86-01/12/95	18	74.	93.139	310.	0.5	6179.23	78.608	11.75	30.	122.5	211.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED.LES ENDO AGAR,3	03/27/86-01/12/95	18	1.869	1.74	2.491	-0.301	0.391	0.626	0.972	1.477	2.088	2.32
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED.LES ENDO AGAR,3	03/27/86-01/12/95	18	1.869	1.74	2.491	-0.301	0.391	0.626	0.972	1.477	2.088	2.32
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	22###	1.	2.727	19.	0.5	20.184	4.493	0.5	0.5	2.75	9.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	22###	0.	0.085	1.279	-0.301	0.251	0.501	-0.301	-0.301	0.401	0.971
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	22###	0.	0.085	1.279	-0.301	0.251	0.501	-0.301	-0.301	0.401	0.971
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/86-12/13/94	19###	0.1	0.137	0.8	0.1	0.026	0.161	0.1	0.1	0.1	0.1

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	38	15.	12.947	20.	6.	11.403	3.377	8.	10.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	49	6.	6.49	15.	0.5	10.724	3.275	2.	4.75	8.5	11.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	42	10.5	11.155	23.	2.	25.933	5.092	5.	7.	15.	19.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	44	30.	46.591	100.	0.	1990.433	44.614	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	35	5.	5.143	20.	0.	15.067	3.882	0.	3.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	41	0.	0.141	2.	0.	0.192	0.438	0.	0.	0.1	0.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	30	10.5	11.133	55.	0.	100.602	10.03	1.	4.75	14.25	17.9

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	42	0.5	0.469	2.	0.1	0.106	0.325	0.1	0.3	0.5	0.85
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	33	2.88	2.805	3.37	2.26	0.065	0.254	2.366	2.625	2.985	3.02
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	46##	0.5	0.661	2.	0.5	0.128	0.357	0.5	0.5	0.5	1.33
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	36	18.	19.472	28.	11.	29.971	5.475	13.	14.25	25.	27.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	45	10.5	10.616	12.4	8.9	0.826	0.909	9.46	9.9	11.3	11.98
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	39	6.6	6.584	7.3	5.8	0.123	0.351	6.1	6.4	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	39	6.6	6.442	7.3	5.8	0.144	0.379	6.1	6.4	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	39	0.251	0.361	1.585	0.05	0.12	0.346	0.079	0.158	0.398	0.794
00403	PH, LAB, STANDARD UNITS SU	03/27/86-12/13/94	24	6.6	6.604	6.9	6.1	0.04	0.199	6.35	6.425	6.775	6.85
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/86-12/13/94	24	6.6	6.557	6.9	6.1	0.042	0.205	6.35	6.425	6.775	6.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-12/13/94	24	0.251	0.277	0.794	0.126	0.022	0.15	0.142	0.169	0.378	0.45
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	03/27/86-10/29/93	28	4.5	4.5	9.	2.	3.593	1.895	2.	3.	5.	8.
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	43	30.	31.977	64.	12.	166.166	12.891	17.	22.	39.	50.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	45	1.	1.556	14.	0.5	4.639	2.154	0.5	0.5	2.	3.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	40	0.02	0.026	0.14	0.005	0.001	0.025	0.005	0.01	0.03	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	40##	0.05	0.1	0.5	0.005	0.008	0.088	0.05	0.05	0.1	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	41	0.16	0.148	0.3	0.005	0.007	0.084	0.014	0.085	0.205	0.284
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	41##	0.005	0.014	0.09	0.005	0.	0.019	0.005	0.005	0.01	0.046
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	43	6.	7.395	52.	2.	62.102	7.88	3.4	4.	7.	8.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/86-01/12/95	36##	0.5	0.75	2.	0.5	0.15	0.387	0.5	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/86-12/13/94	29##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/86-12/13/94	30##	1.	1.8	5.	1.	2.648	1.627	1.	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/86-12/13/94	32##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/86-12/13/94	31##	1.	2.645	11.	1.	5.637	2.374	1.	1.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	34##	25.	54.118	650.	25.	11848.834	108.852	25.	25.	25.	105.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/86-12/13/94	30##	5.	9.433	25.	5.	68.254	8.262	5.	5.	8.25	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	37##	12.5	9.662	35.	5.	32.348	5.688	5.	5.	12.5	12.5
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/86-12/13/94	31##	5.	11.065	25.	5.	84.129	9.172	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/86-12/13/94	31##	5.	5.29	14.	5.	2.613	1.616	5.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	42##	25.	59.333	650.	25.	11048.13	105.11	25.	25.	50.	135.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	30	30.	73.467	660.	2.	16461.361	128.302	5.	11.5	84.75	148.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	30	1.477	1.474	2.82	0.301	0.368	0.607	0.699	1.047	1.926	2.17
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	03/27/86-01/12/95	30	1.477	1.474	2.82	0.301	0.368	0.607	0.699	1.047	1.926	2.17
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	40##	0.5	1.938	12.	0.5	9.041	3.007	0.5	0.5	2.	7.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	40##	-0.301	-0.022	1.079	-0.301	0.208	0.456	-0.301	-0.301	0.301	0.883
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/81-01/12/95	40##	-0.301	-0.022	1.079	-0.301	0.208	0.456	-0.301	-0.301	0.301	0.883
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/86-12/13/94	30##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/12/95	21	15.	12.476	15.	6.	9.762	3.124	8.	10.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/81-01/12/95	24	14.5	14.	25.	8.	15.652	3.956	9.	10.25	16.	18.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/27/86-01/12/95	24	22.	22.208	32.	10.	23.303	4.827	15.5	20.	25.	29.
00032	CLOUD COVER (PERCENT)	03/27/86-01/12/95	23	50.	54.348	100.	0.	1368.874	36.998	0.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/31/86-01/12/95	17	2.	3.235	10.	0.	14.691	3.833	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	03/27/86-01/12/95	24	0.	0.123	1.	0.	0.059	0.242	0.	0.	0.1	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/30/86-09/15/93	19	10.	13.089	40.	0.7	96.174	9.807	2.	8.	17.	32.
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/12/95	21	0.5	0.4	1.	0.1	0.039	0.197	0.2	0.2	0.5	0.5
00065	STAGE, STREAM (FEET)	03/27/86-07/23/93	20	2.88	2.824	3.24	2.06	0.086	0.294	2.255	2.788	2.998	3.17
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/86-01/12/95	23##	0.5	0.778	1.5	0.5	0.144	0.379	0.5	0.5	1.1	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/86-01/12/95	21	18.	18.524	33.	12.	29.862	5.465	12.2	13.	23.5	24.
00300	OXYGEN, DISSOLVED MG/L	03/27/86-01/12/95	24	9.2	9.075	10.	6.7	0.586	0.766	8.2	8.55	9.675	10.
00400	PH (STANDARD UNITS)	03/27/86-01/12/95	22	6.75	6.691	7.2	6.	0.079	0.281	6.15	6.575	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	03/27/86-01/12/95	22	6.747	6.583	7.2	6.	0.091	0.302	6.15	6.575	6.8	7.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-01/12/95	22	0.179	0.261	1.	0.063	0.062	0.249	0.1	0.158	0.267	0.795
00403	PH, LAB, STANDARD UNITS SU	03/27/86-12/13/94	10	6.65	6.63	6.8	6.3	0.022	0.149	6.32	6.575	6.725	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/86-12/13/94	10	6.647	6.604	6.8	6.3	0.023	0.152	6.32	6.575	6.725	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/86-12/13/94	10	0.225	0.249	0.501	0.158	0.01	0.101	0.158	0.189	0.267	0.483
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	03/27/86-10/29/93	19	5.	5.579	9.	4.	1.924	1.387	4.	5.	6.	8.
00500	RESIDUE, TOTAL (MG/L)	03/27/86-01/12/95	24	33.	34.708	66.	20.	120.216	10.964	22.5	28.25	36.5	54.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/86-01/12/95	24	2.	2.625	8.	0.5	5.049	2.247	0.5	0.625	4.	6.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/86-12/13/94	19	0.02	0.028	0.07	0.005	0.	0.018	0.01	0.02	0.03	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/86-12/13/94	19	0.1	0.116	0.3	0.05	0.005	0.071	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/86-12/13/94	19	0.19	0.176	0.28	0.05	0.004	0.067	0.06	0.13	0.22	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/86-12/13/94	19	0.01	0.011	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/86-01/12/95	18	6.	6.	8.	4.	1.529	1.237	4.	5.	7.	8.
00940	CHLORIDE, TOTAL IN WATER MG/L	03/27/86-01/12/95	17 ##	0.5	0.706	1.	0.5	0.064	0.254	0.5	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/86-12/13/94	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/86-12/13/94	15 ##	1.	1.8	5.	1.	2.743	1.656	1.	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/86-12/13/94	16 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	05/30/86-12/13/94	15 ##	1.	2.267	5.	1.	3.495	1.87	1.	1.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	03/27/86-12/13/94	17	50.	50.706	160.	25.	1181.471	34.373	25.	25.	64.	92.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/86-12/13/94	15 ##	5.	9.667	25.	5.	69.524	8.338	5.	5.	15.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/86-12/13/94	19 ##	12.5	27.763	370.	5.	6882.566	82.961	5.	5.	12.5	12.5
01067	NICKEL, TOTAL (UG/L AS NI)	05/30/86-12/13/94	15 ##	5.	10.333	25.	5.	83.81	9.155	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/86-12/13/94	16 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/27/86-12/13/94	20	58.	67.65	210.	25.	2071.082	45.509	25.	25.	88.	127.
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	03/27/86-01/12/95	17	29.	137.647	1000.	2.	61062.618	247.109	6.	10.5	210.	448.
31504	LOG COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 3	03/27/86-01/12/95	17	1.462	1.584	3.	0.301	0.55	0.741	0.736	1.017	2.304	2.593
31504	GM COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 3	03/27/86-01/12/95	17	1.462	1.584	3.	0.301	0.55	0.741	0.736	1.017	2.304	2.593
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	19 ##	0.5	1.5	5.	0.5	2.056	1.434	0.5	0.5	3.	4.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	19 ##	-0.301	0.001	0.699	-0.301	0.151	0.388	-0.301	-0.301	0.477	0.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/81-01/12/95	19 ##	-0.301	0.001	0.699	-0.301	0.151	0.388	-0.301	-0.301	0.477	0.602
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/86-12/13/94	15 ##	0.1	0.127	0.5	0.1	0.011	0.103	0.1	0.1	0.1	0.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0225

NPS Station ID: BLRI0225
 Location: BEE/TREE CREEK NEAR SWANNANOVA N C
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105057
 RF3 Index: 06010105016500.00
 Description:

LAT/LON: 35.653059/ -82.405560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.520
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03450000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-06/01/88	40	8.25	8.813	19.	0.5	27.317	5.227	0.6	5.125	13.5	16.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/19/87-09/06/87	7	18.	14.786	24.5	0.	66.488	8.154	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/19/87-06/01/88	15	691.	689.4	694.	679.	21.829	4.672	680.2	686.	693.	694.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	103	21.	35.191	249.	0.8	1867.791	43.218	3.	7.	48.	85.
00065	STAGE, STREAM (FEET)	01/19/87-08/30/88	26	2.885	2.86	3.56	2.11	0.143	0.378	2.316	2.573	3.1	3.467
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/87-01/21/88	13	1.8	4.362	22.	0.3	39.058	6.25	0.3	0.5	5.45	18.
00080	COLOR (PLATINUM-COBALT UNITS)	11/02/56-01/21/88	43	5.	5.872	28.	0.	40.394	6.356	0.8	3.	5.	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/56-06/01/88	56	20.	20.071	30.	16.	7.74	2.782	17.	18.	21.	23.6
00300	OXYGEN, DISSOLVED MG/L	04/22/76-06/01/88	31	10.1	9.981	12.2	7.7	1.394	1.181	7.88	9.2	11.1	11.2
00400	PH (STANDARD UNITS)	11/02/56-06/01/88	47	6.4	6.453	7.3	5.5	0.278	0.527	5.6	6.1	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	11/02/56-06/01/88	47	6.4	6.157	7.3	5.5	0.367	0.606	5.6	6.1	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/56-06/01/88	47	0.398	0.697	3.162	0.05	0.707	0.841	0.079	0.1	0.794	2.512
00403	PH, LAB, STANDARD UNITS SU	02/10/81-01/21/88	23	7.	7.039	8.	6.3	0.246	0.496	6.4	6.6	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	02/10/81-01/21/88	23	7.	6.807	8.	6.3	0.303	0.55	6.4	6.6	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/81-01/21/88	23	0.1	0.156	0.501	0.01	0.022	0.15	0.02	0.032	0.251	0.398
00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-03/31/81	17	0.8	1.212	4.8	0.2	1.579	1.256	0.2	0.55	1.4	4.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/73-03/31/81	21	4.	5.048	10.	3.	3.748	1.936	3.	4.	6.5	8.
00440	BICARBONATE ION (MG/L AS HCO3)	11/02/56-03/31/81	27	6.	5.889	10.	4.	2.256	1.502	4.	5.	7.	8.
00445	CARBONATE ION (MG/L AS CO3)	10/23/73-03/31/81	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	04/22/76-01/20/88	28	0.49	0.493	0.87	0.2	0.034	0.184	0.2	0.398	0.613	0.781
00602	NITROGEN, DISSOLVED (MG/L AS N)	11/02/79-03/30/81	10	0.485	0.488	0.66	0.33	0.009	0.093	0.339	0.428	0.538	0.653
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/22/76-01/21/88	33	0.145	0.206	0.695	0.03	0.023	0.15	0.074	0.095	0.275	0.431
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	04/22/76-03/30/81	12	0.1	0.118	0.36	0.02	0.007	0.082	0.038	0.083	0.118	0.294
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/22/76-03/31/81	24	0.025	0.029	0.11	0.	0.001	0.025	0.005	0.01	0.04	0.055
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/76-01/21/88	43	0.01	0.017	0.05	0.	0.	0.014	0.002	0.005	0.02	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	42 ##	0.005	0.004	0.01	0.	0.	0.002	0.	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	22 ##	0.17	0.206	0.39	0.01	0.015	0.124	0.095	0.095	0.353	0.36
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/22/76-03/31/81	22	0.115	0.117	0.36	0.03	0.007	0.085	0.05	0.05	0.143	0.266
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/22/76-03/30/81	13	0.05	0.069	0.26	0.	0.006	0.076	0.	0.	0.115	0.216
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/76-01/21/88	43	0.18	0.338	2.6	0.04	0.233	0.483	0.05	0.1	0.3	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/76-01/21/88	43	0.3	0.3	0.56	0.01	0.011	0.105	0.2	0.2	0.37	0.436
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/22/76-03/31/81	28	0.4	0.354	0.6	0.02	0.012	0.112	0.2	0.3	0.4	0.5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/02/79-08/22/80	9	0.	0.013	0.06	0.	0.	0.022	0.	0.	0.03	0.06
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/22/76-03/30/81	17	0.03	0.058	0.18	0.	0.003	0.058	0.	0.	0.105	0.156
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/76-01/21/88	43	0.02	0.022	0.09	0.005	0.	0.021	0.005	0.005	0.03	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/22/76-03/31/81	24	0.01	0.013	0.05	0.	0.	0.011	0.005	0.005	0.02	0.025
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/76-03/31/81	25	0.005	0.015	0.06	0.	0.	0.017	0.003	0.005	0.025	0.044
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/02/79-03/02/81	9	2.1	2.378	4.5	0.9	1.459	1.208	0.9	1.55	3.3	4.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00689	CARBON, SUSPENDE ORGANIC (MG/L AS C)	11/02/79-03/02/81	9	0.4	0.744	2.5	0.1	0.635	0.797	0.1	0.2	1.25	2.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/02/56-03/31/81	31	5.	5.355	8.	3.	1.503	1.226	4.	5.	6.	7.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/02/56-03/31/81	29	0.	0.862	3.	0.	1.123	1.06	0.	0.	2.	3.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/02/56-01/21/88	44	1.2	1.207	1.9	0.7	0.055	0.235	0.9	1.025	1.4	1.55
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/02/56-01/21/88	44	0.5	0.555	1.1	0.2	0.03	0.172	0.4	0.425	0.6	0.75
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	02/28/87-01/21/88	11	0.8	0.891	1.8	0.5	0.187	0.432	0.5	0.6	1.2	1.74
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/02/56-01/21/88	44	1.1	1.177	2.	0.7	0.071	0.266	0.95	1.	1.3	1.5
00931	SODIUM ADSORPTION RATIO	10/23/73-03/31/81	21	0.2	0.224	0.4	0.2	0.003	0.054	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	10/23/73-03/31/81	21	29.	29.381	45.	20.	28.348	5.324	21.2	26.	32.	35.
00933	SODIUM,PLUS POTASSIUM (MG/L)	11/02/79-11/02/79	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/56-01/21/88	44	0.6	0.707	1.8	0.2	0.121	0.347	0.4	0.5	0.8	1.15
00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/56-01/21/88	44	0.8	1.061	3.	0.2	0.42	0.648	0.55	0.7	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/56-01/21/88	44	3.	3.077	7.	0.3	2.606	1.614	1.5	2.	4.	5.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/56-01/21/88	44	0.05	0.055	0.1	0.	0.001	0.039	0.	0.013	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/02/56-01/21/88	42	6.55	7.214	11.	5.3	2.199	1.483	5.7	6.075	8.5	9.64
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/02/79-11/02/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDE (UG/L AS AS)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/76-01/21/88	16 ##	0.5	0.563	2.	0.	0.163	0.403	0.35	0.5	0.5	0.95
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	11/02/79-11/02/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDE (UG/L AS Cd)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	11/02/79-01/21/88	12 ##	0.5	0.542	1.	0.	0.112	0.334	0.	0.5	0.875	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/26/76-02/11/81	10	7.5	11.8	34.	0.	163.511	12.787	0.	0.	24.25	33.7
01031	CHROMIUM, SUSPEND (UG/L AS CR)	03/10/78-02/11/81	8	11.5	19.625	41.	5.	249.696	15.802	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/78-01/21/88	19	4.	16.211	50.	0.5	352.925	18.786	0.5	1.	40.	50.
01035	COBALT, DISSOLVED (UG/L AS CO)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01036	COBALT, SUSPENDE (UG/L AS CO)	11/02/79-11/02/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/02/79-01/21/88	12	1.	1.375	4.	0.	1.369	1.17	0.15	0.5	2.	3.7
01040	COPPER, DISSOLVED (UG/L AS CU)	07/26/76-02/11/81	10	1.	1.4	3.	0.	1.156	1.075	0.	0.75	2.25	3.
01041	COPPER, SUSPENDE (UG/L AS CU)	07/26/76-02/11/81	10	2.	2.7	8.	0.	5.789	2.406	0.	1.5	4.25	7.7
01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-01/21/88	20	3.	3.625	9.	0.5	5.339	2.311	1.	2.	5.	7.8
01044	IRON, SUSPENDE (UG/L AS FE)	11/02/79-02/11/81	7	680.	717.143	1600.	160.	273090.476	522.581	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/02/56-01/21/88	31	170.	657.097	4400.	0.	1064632.957	1031.811	0.	10.	800.	2160.
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/76-02/11/81	10	20.	25.5	50.	5.	224.722	14.991	5.5	17.5	35.	50.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/26/76-02/11/81	10	0.5	1.5	5.	0.	4.278	2.068	0.	0.	3.5	5.
01050	LEAD, SUSPENDE (UG/L AS PB)	07/26/76-02/11/81	10	2.5	5.6	24.	0.	60.933	7.806	0.	0.	10.5	22.8
01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-01/21/88	20 ##	2.5	4.7	25.	0.	32.721	5.72	0.	2.5	5.5	11.8
01054	MANGANESE, SUSPENDE (UG/L AS MN)	11/02/79-11/02/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/02/79-01/21/88	13	20.	63.077	290.	5.	7548.077	86.88	5.	5.	105.	238.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/02/79-09/06/87	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/87-01/21/88	10	2.5	3.8	15.	0.5	21.622	4.65	0.5	0.5	5.	14.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/30/77-02/11/81	9 ##	0.	1.778	10.	0.	10.444	3.232	0.	0.	2.	10.
01091	ZINC, SUSPENDE (UG/L AS ZN)	03/30/77-02/10/81	6	10.	10.	20.	0.	40.	6.325	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/26/76-01/21/88	21 ##	10.	11.429	70.	5.	200.357	14.155	5.	5.	10.	20.
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/28/87-01/21/88	11	800.	1117.273	4100.	30.	1724761.818	1313.302	34.	60.	2100.	3820.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01146	SELENIUM, SUSPENDE (UG/L AS SE)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/76-01/21/88	16 ##	0.5	0.438	0.5	0.	0.029	0.171	0.	0.5	0.5	0.5
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/24/80-07/01/80	2	545.	545.	980.	110.	378450.	615.183	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/24/80-07/01/80	2	2.516	2.516	2.991	2.041	0.451	0.672	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/24/80-07/01/80	2	328.329	328.329	328.329	328.329	328.329	328.329	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/24/80-02/11/81	6	8.	10.833	30.	2.	99.367	9.968	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/24/80-02/11/81	6	0.903	0.894	1.477	0.301	0.153	0.391	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	06/24/80-02/11/81	6	7.83	7.83	7.83	7.83	7.83	7.83	**	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/24/80-02/11/81	6	5300.	6266.667	12000.	1900.	12730666.667	3568.006	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/24/80-02/11/81	6	3.719	3.731	4.079	3.279	0.076	0.276	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/24/80-02/11/81	6	5378.956	5378.956	5378.956	5378.956	5378.956	5378.956	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/02/79-02/11/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPHTHALENES, POLYCHLORINATED (UG/L)	08/18/87-01/20/88	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/18/87-01/20/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/18/87-01/20/88	4##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/18/87-06/01/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/18/87-06/01/88	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/18/87-01/20/88	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/18/87-06/01/88	3##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	11/02/79-11/02/79	1	670.	670.	670.	670.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/02/56-01/21/88	40	19.	20.075	38.	8.	37.763	6.145	12.1	16.	24.	29.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-03/31/81	19	18.	18.316	24.	13.	7.561	2.75	16.	16.	21.	22.
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/02/79-03/31/81	17	1.88	3.144	14.8	0.23	13.979	3.739	0.254	0.455	4.115	8.784
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-03/31/81	19	0.03	0.027	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.04
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/76-01/21/88	43##	0.005	0.006	0.02	0.	0.	0.005	0.	0.005	0.005	0.01
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	11/02/79-08/22/80	9	0.01	0.007	0.02	0.	0.	0.007	0.	0.	0.01	0.02
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/22/76-03/31/81	24	0.035	0.036	0.14	0.	0.001	0.031	0.005	0.01	0.05	0.07
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/02/56-05/04/62	10	0.15	0.26	0.9	0.	0.089	0.299	0.	0.	0.45	0.87
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/31/81	27	0.06	0.085	0.28	0.	0.005	0.069	0.03	0.03	0.09	0.218
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/22/76-01/20/88	28	2.2	2.193	3.9	0.9	0.67	0.818	0.9	1.75	2.675	3.5
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/02/79-11/02/79	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	11/02/79-11/02/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/26/76-01/21/88	16##	0.05	0.094	0.25	0.	0.007	0.081	0.035	0.05	0.1	0.25
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/30/88	84	3.	13.19	110.	0.	488.783	22.108	0.	1.	19.75	33.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/79-01/21/88	48	0.31	3.63	59.	0.	94.532	9.723	0.02	0.063	3.2	7.38
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/18/87-06/01/88	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/10/81-03/31/81	10	0.4	0.4	0.4	0.4	0.	0.	0.4	0.4	0.4	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0225

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER		13	0	0.00	2	0	0.00	11	0	0.00						
00300	OXYGEN, DISSOLVED	4.	31	0	0.00	6	0	0.00	22	0	0.00	3	0	0.00			
00400	PH		47	0	0.00	8	0	0.00	31	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	47	26	0.55	8	5	0.63	31	15	0.48	8	6	0.75			
00403	PH, LAB		23	0	0.00	2	0	0.00	21	0	0.00						
	Other-Lo Lim.	6.5	23	5	0.22	2	0	0.00	21	5	0.24						
00615	NITRITE NITROGEN, TOTAL AS N		42	0	0.00	9	0	0.00	32	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	22	0	0.00	6	0	0.00	15	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	43	0	0.00	9	0	0.00	32	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	28	0	0.00	6	0	0.00	20	0	0.00	2	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	44	0	0.00	10	0	0.00	27	0	0.00	7	0	0.00			
	Drinking Water	250.	44	0	0.00	10	0	0.00	27	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	44	0	0.00	10	0	0.00	27	0	0.00	7	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	44	0	0.00	10	0	0.00	27	0	0.00	7	0	0.00			
01000	ARSENIC, DISSOLVED	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01001	ARSENIC, SUSPENDED	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	360.	16	0	0.00	3	0	0.00	13	0	0.00						
	Drinking Water	50.	16	0	0.00	3	0	0.00	13	0	0.00						
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01026	CADMIUM, SUSPENDED	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	3.9	12	0	0.00	1	0	0.00	11	0	0.00						
	Drinking Water	5.	12	0	0.00	1	0	0.00	11	0	0.00						
01030	CHROMIUM, DISSOLVED	100.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
01031	CHROMIUM, SUSPENDED	100.	8	0	0.00				7	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	100.	19	0	0.00	2	0	0.00	16	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	18.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
	Drinking Water	1300.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
01041	COPPER, SUSPENDED	18.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
	Drinking Water	1300.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	18.	20	0	0.00	2	0	0.00	17	0	0.00	1	0	0.00			
	Drinking Water	1300.	20	0	0.00	2	0	0.00	17	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	82.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
	Drinking Water	15.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
01050	LEAD, SUSPENDED	82.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
	Drinking Water	15.	10	1	0.10	1	0	0.00	8	1	0.13	1	0	0.00			
01051	LEAD, TOTAL	82.	20	0	0.00	2	0	0.00	17	0	0.00	1	0	0.00			
	Drinking Water	15.	20	1	0.05	2	0	0.00	17	1	0.06	1	0	0.00			
01067	NICKEL, TOTAL	1400.	10	0	0.00	1	0	0.00	9	0	0.00						
	Drinking Water	100.	10	0	0.00	1	0	0.00	9	0	0.00						
01090	ZINC, DISSOLVED	120.	9	0	0.00				8	0	0.00	1	0	0.00			
	Drinking Water	5000.	9	0	0.00				8	0	0.00	1	0	0.00			
01091	ZINC, SUSPENDED	120.	6	0	0.00				5	0	0.00	1	0	0.00			
	Drinking Water	5000.	6	0	0.00				5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	120.	21	0	0.00	3	0	0.00	17	0	0.00	1	0	0.00			
	Drinking Water	5000.	21	0	0.00	3	0	0.00	17	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01146	SELENIUM, SUSPENDED	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	20.	16	0	0.00	3	0	0.00	13	0	0.00						
	Drinking Water	50.	16	0	0.00	3	0	0.00	13	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31625	FECAL COLIFORM, MF	200.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	4	0	0.00	2	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0225

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
39340	GAMMA-BHC(LINDANE), WHOLE WATER																	
	Fresh Acute	2.	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00							
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE																	
	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00							
39360	DDD IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.6	4	0	0.00	2	0	0.00	2	0	0.00							
39365	DDE IN WHOLE WATER SAMPLE																	
	Fresh Acute	1050.	4	0	0.00	2	0	0.00	2	0	0.00							
39370	DDT IN WHOLE WATER SAMPLE																	
	Fresh Acute	1.1	4	0	0.00	2	0	0.00	2	0	0.00							
39380	DIELDRIN IN WHOLE WATER SAMPLE																	
	Fresh Acute	2.5	4	0	0.00	2	0	0.00	2	0	0.00							
39388	ENDOSULFAN IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.22	4	0	0.00	2	0	0.00	2	0	0.00							
39390	ENDRIN IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.18	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00							
39400	TOXAPHENE IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.73	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	3.	4	0	0.00	2	0	0.00	2	0	0.00							
39410	HEPTACHLOR IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	0.4	4	0	0.00	2	0	0.00	2	0	0.00							
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00							
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00							
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE																	
	Drinking Water	40.	4	0	0.00	2	0	0.00	2	0	0.00							
39540	PARATHION IN WHOLE WATER SAMPLE																	
	Fresh Acute	0.065	4	0	0.00	2	0	0.00	2	0	0.00							
71850	NITRATE NITROGEN, TOTAL (AS NO3)																	
	Drinking Water	44.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00				
71890	MERCURY, DISSOLVED																	
	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							
71895	MERCURY, SUSPENDED																	
	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	16	0	0.00	3	0	0.00	13	0	0.00							
	Drinking Water	2.	16	0	0.00	3	0	0.00	13	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1956 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	2	17.5	17.5	32.	3.	420.5	20.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	7	46.	101.857	249.	8.	10559.143	102.758	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	25	9.	25.84	122.	2.	1090.473	33.022	3.2	5.5	39.	79.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	24	53.5	49.792	100.	7.	822.607	28.681	7.	22.75	74.25	85.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	3	1.	1.967	4.	0.9	3.103	1.762	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	25	21.	33.24	125.	1.	1166.607	34.156	2.	6.5	49.	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	9	9.	11.867	38.	0.8	148.16	12.172	0.8	3.	19.	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	25	4.	8.628	46.	0.8	114.933	10.721	0.96	2.	9.	26.2
00080p	COLOR (PLATINUM-COBALT UNITS)	11/02/56-01/21/88	10	4.5	4.	6.	0.	2.889	1.7	0.3	3.	5.	5.9
00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-03/31/81	2	2.	2.	3.8	0.2	6.48	2.546	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/73-03/31/81	6	7.5	7.	10.	4.	4.8	2.191	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/02/56-03/31/81	4	6.5	6.5	8.	5.	1.667	1.291	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/23/73-03/31/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	04/22/76-01/20/88	6	0.48	0.528	0.79	0.39	0.021	0.144	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/22/76-01/21/88	8	0.17	0.204	0.445	0.03	0.025	0.159	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/76-01/21/88	9	0.01	0.012	0.04	0.	0.	0.012	0.	0.003	0.015	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	9	0.	0.003	0.01	0.	0.	0.004	0.	0.	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	6	0.36	0.333	0.36	0.21	0.004	0.061	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/76-01/21/88	9	0.2	0.262	0.9	0.04	0.071	0.267	0.04	0.09	0.345	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/76-01/21/88	9	0.35	0.29	0.37	0.2	0.007	0.083	0.2	0.2	0.36	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/76-01/21/88	9	0.04	0.038	0.08	0.02	0.	0.02	0.02	0.02	0.05	0.08
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/02/56-03/31/81	8	6.	5.875	8.	4.	1.554	1.246	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/02/56-03/31/81	8	0.	0.5	3.	0.	1.143	1.069	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	11/02/56-01/21/88	10	1.25	1.33	1.9	1.	0.085	0.291	1.01	1.1	1.6	1.87
00925p	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/02/56-01/21/88	10	0.6	0.57	0.7	0.4	0.009	0.095	0.41	0.5	0.625	0.7
00930p	SODIUM, DISSOLVED (MG/L AS Na)	11/02/56-01/21/88	10	1.3	1.33	1.8	1.	0.047	0.216	1.02	1.2	1.425	1.77
00931	SODIUM ADSORPTION RATIO	10/23/73-03/31/81	6	0.25	0.25	0.3	0.2	0.003	0.055	**	**	**	**
00932	SODIUM, PERCENT	10/23/73-03/31/81	6	29.	29.667	35.	26.	11.467	3.386	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/56-01/21/88	10	0.7	0.68	1.	0.5	0.033	0.181	0.5	0.5	0.8	0.98
00940p	CHLORIDE, TOTAL IN WATER MG/L	11/02/56-01/21/88	10	0.75	1.01	2.	0.7	0.281	0.53	0.7	0.7	1.25	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	11/02/56-01/21/88	10	2.	2.44	5.	0.4	1.625	1.275	0.56	2.	3.25	4.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/56-01/21/88	10	0.1	0.075	0.1	0.	0.001	0.035	0.005	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	11/02/56-01/21/88	9	8.5	8.867	11.	7.6	1.393	1.18	7.6	7.8	9.75	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/76-01/21/88	3###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/78-01/21/88	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-01/21/88	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	11/02/56-01/21/88	5	60.	326.	800.	10.	165080.	406.3	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-01/21/88	2###	3.25	3.25	4.	2.5	1.125	1.061	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/26/76-01/21/88	3###	5.	10.	20.	5.	75.	8.66	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/76-01/21/88	3###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/02/56-01/21/88	9	18.	18.556	28.	12.	29.278	5.411	12.	14.	22.5	28.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-03/31/81	5	21.	20.	24.	16.	11.5	3.391	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-03/31/81	5	0.02	0.024	0.04	0.02	0.	0.009	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/76-01/21/88	9	0.005	0.006	0.02	0.	0.	0.007	0.	0.	0.01	0.02
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/22/76-01/20/88	6	2.15	2.333	3.5	1.7	0.419	0.647	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/26/76-01/21/88	3###	0.05	0.117	0.25	0.05	0.013	0.115	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/30/88	20	1.	4.6	27.	0.	61.726	7.857	0.	1.	3.75	24.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/79-01/21/88	8	0.03	0.087	0.37	0.	0.016	0.126	**	**	**	**

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/56-08/30/88	63	35.	49.889	249.	1.	2394.584	48.934	7.	15.	73.	115.2
00080p	COLOR (PLATINUM-COBALT UNITS)	11/02/56-01/21/88	27	5.	7.241	28.	2.	56.873	7.541	2.5	3.	6.	27.
00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-03/31/81	13	0.8	0.892	1.9	0.4	0.192	0.439	0.44	0.6	1.1	1.78
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/73-03/31/81	13	4.	4.154	7.	3.	1.474	1.214	3.	3.	4.5	6.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/02/56-03/31/81	16	5.	5.313	8.	4.	1.563	1.25	4.	4.25	6.	8.
00445	CARBONATE ION (MG/L AS CO3)	10/23/73-03/31/81	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	04/22/76-01/20/88	20	0.515	0.498	0.87	0.2	0.038	0.196	0.2	0.33	0.643	0.772
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/22/76-01/21/88	23	0.145	0.213	0.695	0.07	0.024	0.155	0.086	0.095	0.29	0.427
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/76-01/21/88	32	0.02	0.019	0.05	0.	0.	0.015	0.005	0.005	0.03	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-01/21/88	32###	0.005	0.005	0.005	0.	0.	0.001	0.005	0.005	0.005	0.005

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	15 ##	0.095	0.152	0.39	0.01	0.012	0.108	0.061	0.095	0.195	0.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	32	0.18	0.373	2.6	0.05	0.292	0.54	0.05	0.1	0.368	1.25
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	32	0.3	0.308	0.56	0.01	0.012	0.111	0.2	0.2	0.39	0.447
00665	PHOSPHORUS, TOTAL (MG/L AS P)	32	0.01	0.019	0.09	0.005	0.	0.019	0.005	0.005	0.028	0.037
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	16	5.	5.188	7.	4.	0.829	0.911	4.	5.	5.75	7.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	14	1.	1.071	2.	0.	0.687	0.829	0.	0.	2.	2.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	27	1.2	1.181	1.6	0.9	0.038	0.196	0.9	1.	1.3	1.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS Mg)	27	0.5	0.544	0.8	0.2	0.019	0.137	0.4	0.5	0.6	0.72
00930p	SODIUM, DISSOLVED (MG/L AS Na)	27	1.1	1.07	1.4	0.9	0.013	0.114	0.9	1.	1.1	1.22
00931	SODIUM ADSORPTION RATIO	13	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	13	29.	28.	35.	20.	20.	4.472	20.	26.	32.	33.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	27	0.6	0.73	1.8	0.2	0.161	0.402	0.4	0.5	0.8	1.62
00940p	CHLORIDE, TOTAL IN WATER MG/L	27	0.8	0.941	2.	0.4	0.229	0.478	0.5	0.6	1.	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	27	3.	3.667	7.	1.	2.538	1.593	2.	2.	5.	6.2
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	27 ##	0.05	0.054	0.1	0.	0.001	0.034	0.	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	27	6.2	6.515	9.9	5.3	1.181	1.087	5.38	5.9	6.7	8.58
01002	ARSENIC, TOTAL (UG/L AS AS)	13 ##	0.5	0.577	2.	0.	0.202	0.449	0.2	0.5	0.5	1.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	16	7.	16.438	50.	0.5	360.629	18.99	0.5	1.	37.5	50.
01042	COPPER, TOTAL (UG/L AS CU)	17	3.	3.794	9.	0.5	5.971	2.443	0.9	2.	5.5	8.2
01045p	IRON, TOTAL (UG/L AS FE)	20	415.	901.	4400.	0.	1442427.895	1201.011	0.5	17.5	1425.	3110.
01051	LEAD, TOTAL (UG/L AS PB)	17 ##	2.5	5.147	25.	0.	36.93	6.077	0.	2.5	7.	14.6
01092	ZINC, TOTAL (UG/L AS ZN)	17 ##	10.	11.765	70.	5.	240.441	15.506	5.	5.	10.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	13 ##	0.5	0.423	0.5	0.	0.035	0.188	0.	0.5	0.5	0.5
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	25	19.	20.04	38.	8.	39.79	6.308	12.	16.	24.	27.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12	17.5	17.75	22.	13.	6.023	2.454	13.9	16.	19.	21.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12	0.03	0.028	0.03	0.02	0.	0.005	0.02	0.023	0.03	0.03
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	32 ##	0.005	0.006	0.02	0.	0.	0.004	0.005	0.005	0.005	0.01
71887	NITROGEN, TOTAL, AS NO3 - MG/L	20	2.3	2.22	3.9	0.9	0.767	0.876	0.9	1.45	2.85	3.46
71900	MERCURY, TOTAL (UG/L AS HG)	13 ##	0.05	0.088	0.25	0.	0.006	0.077	0.02	0.05	0.1	0.25
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	54	3.5	17.111	110.	0.	674.667	25.974	0.	2.	24.25	63.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	33	0.69	5.038	59.	0.02	131.969	11.488	0.06	0.155	4.8	12.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	15	11.	17.733	51.	3.	247.924	15.746	4.2	6.	32.	47.4
00080p	COLOR (PLATINUM-COBALT UNITS)	6	2.5	2.833	7.	0.	10.167	3.189	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	2	2.5	2.5	4.8	0.2	10.58	3.253	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	7	6.	6.857	10.	5.	2.81	1.676	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	2	0.335	0.335	0.43	0.24	0.018	0.134	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	2	0.13	0.13	0.18	0.08	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	0.13	0.13	0.18	0.08	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2	0.205	0.205	0.25	0.16	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	7	5.	5.143	8.	3.	3.143	1.773	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	7	0.	0.857	3.	0.	2.143	1.464	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	7	1.2	1.129	1.4	0.7	0.066	0.256	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS Mg)	7	0.4	0.571	1.1	0.2	0.116	0.34	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS Na)	7	1.3	1.371	2.	0.7	0.246	0.496	**	**	**	**
00931	SODIUM ADSORPTION RATIO	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

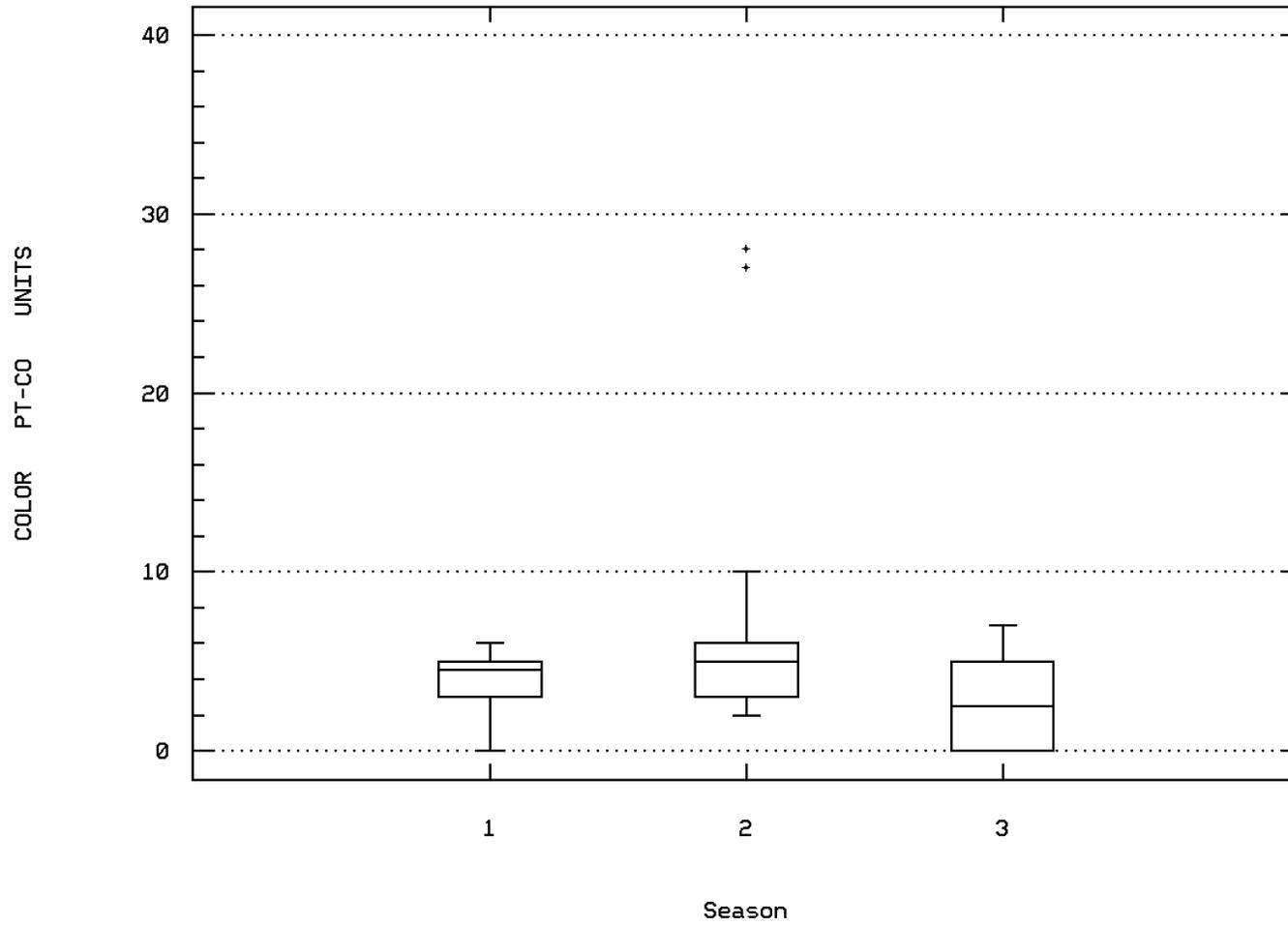
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00932	SODIUM, PERCENT	10/23/73-03/31/81	2	37.5	37.5	45.	30.	112.5	10.607	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/56-01/21/88	7	0.5	0.657	1.1	0.3	0.11	0.331	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	11/02/56-01/21/88	7	1.	1.6	3.	0.2	1.187	1.089	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	11/02/56-01/21/88	7	2.	1.714	3.	0.3	0.835	0.914	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/56-01/21/88	7	0.	0.029	0.1	0.	0.002	0.049	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	11/02/56-01/21/88	6	8.2	7.883	9.1	6.3	1.57	1.253	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/78-01/21/88	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-01/21/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	11/02/56-01/21/88	6	5.	120.	700.	0.	80760.	284.183	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-01/21/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/26/76-01/21/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/02/56-01/21/88	6	22.5	22.5	30.	14.	45.5	6.745	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-03/31/81	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-03/31/81	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/76-01/21/88	2##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/22/76-01/20/88	2	1.5	1.5	1.9	1.1	0.32	0.566	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/30/88	10	2.5	9.2	30.	0.	130.4	11.419	0.1	1.	17.5	29.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/01/79-01/21/88	7	1.1	1.044	2.9	0.02	1.215	1.102	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: BLRI0225 Parameter Code: 00080

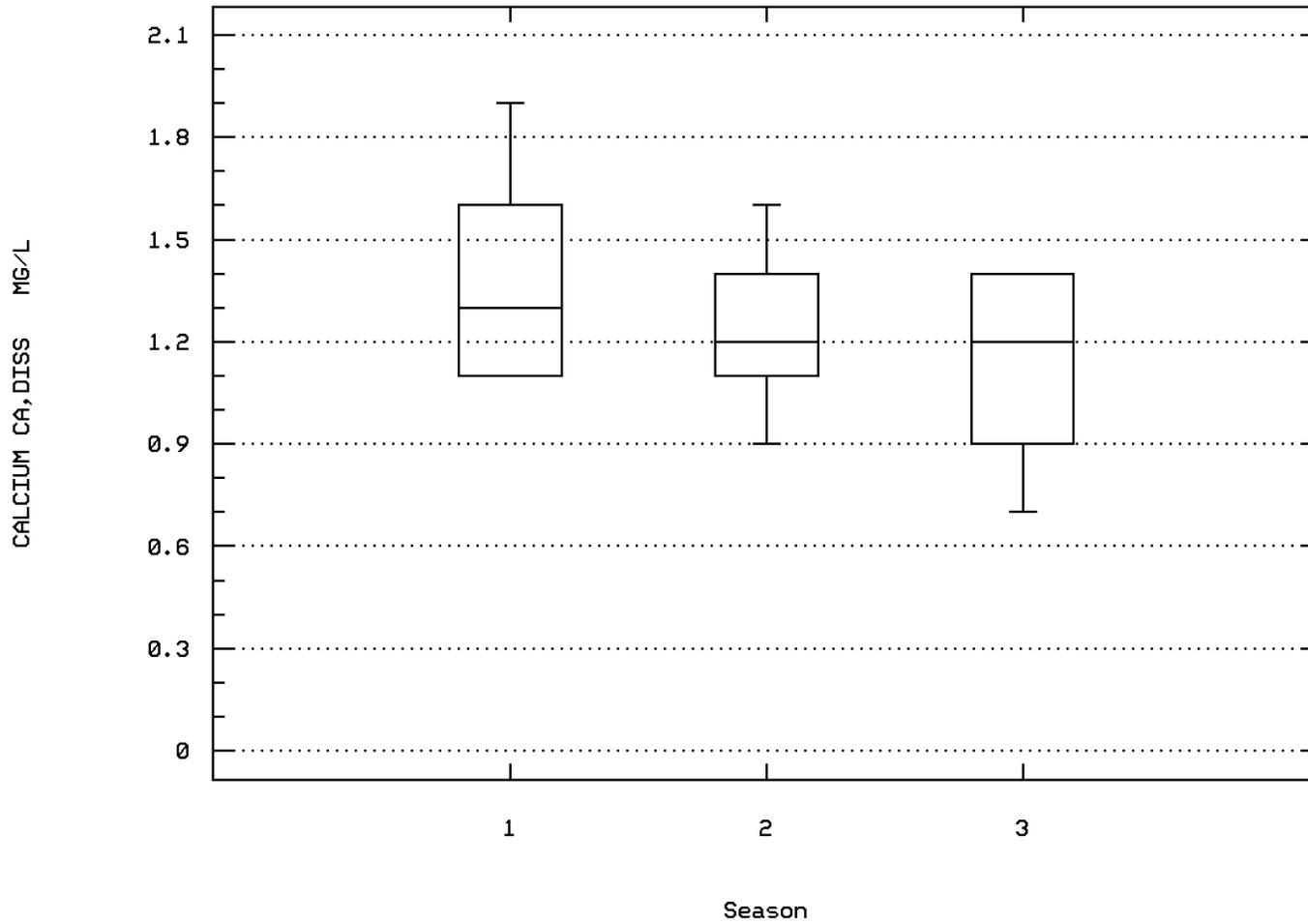
COLOR (PLATINUM-COBALT UNITS)



BEETREE CREEK NEAR SWANNANOVA N C

Station: BLRI0225 Parameter Code: 00915

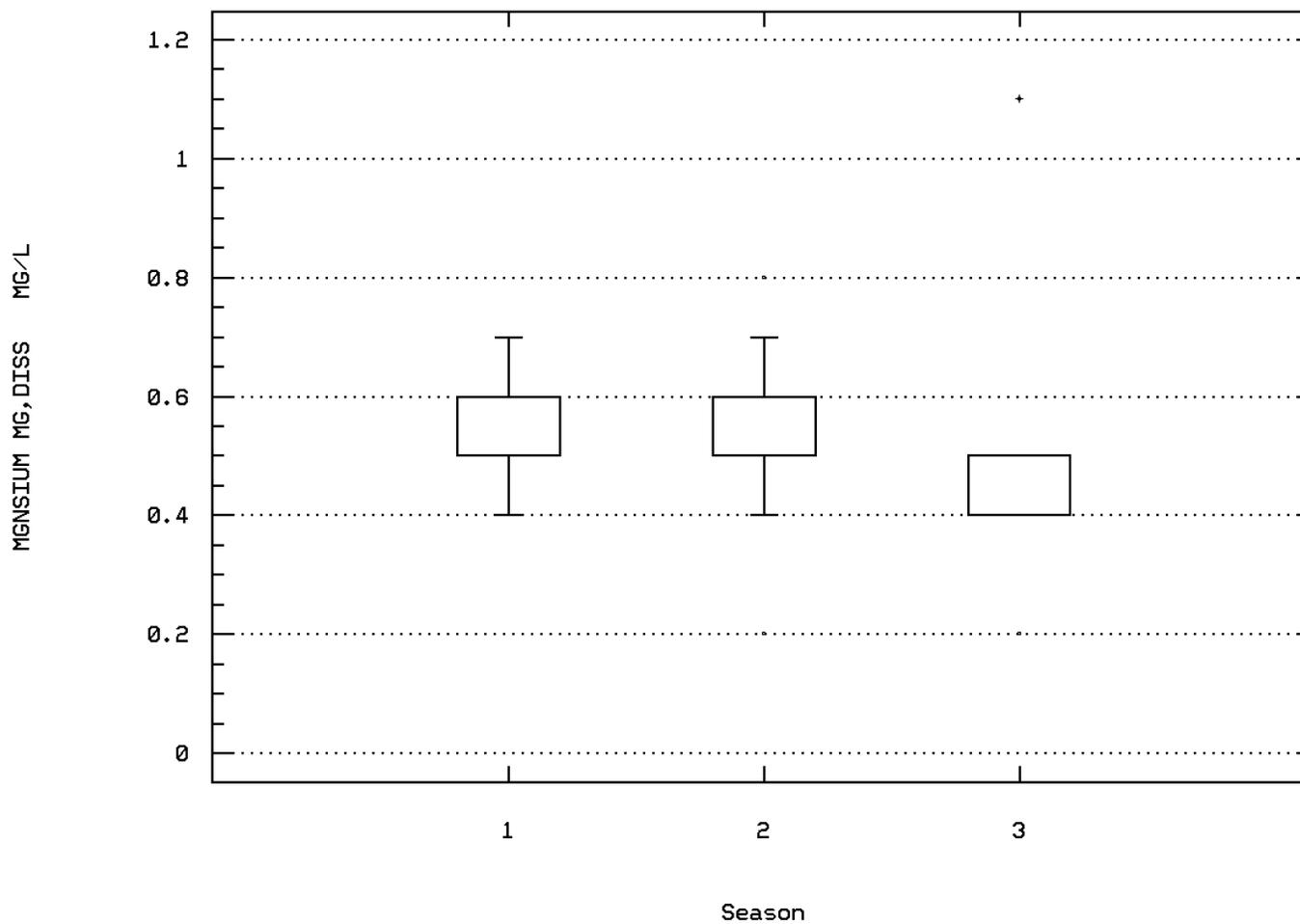
CALCIUM, DISSOLVED (MG/L AS CA)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00925

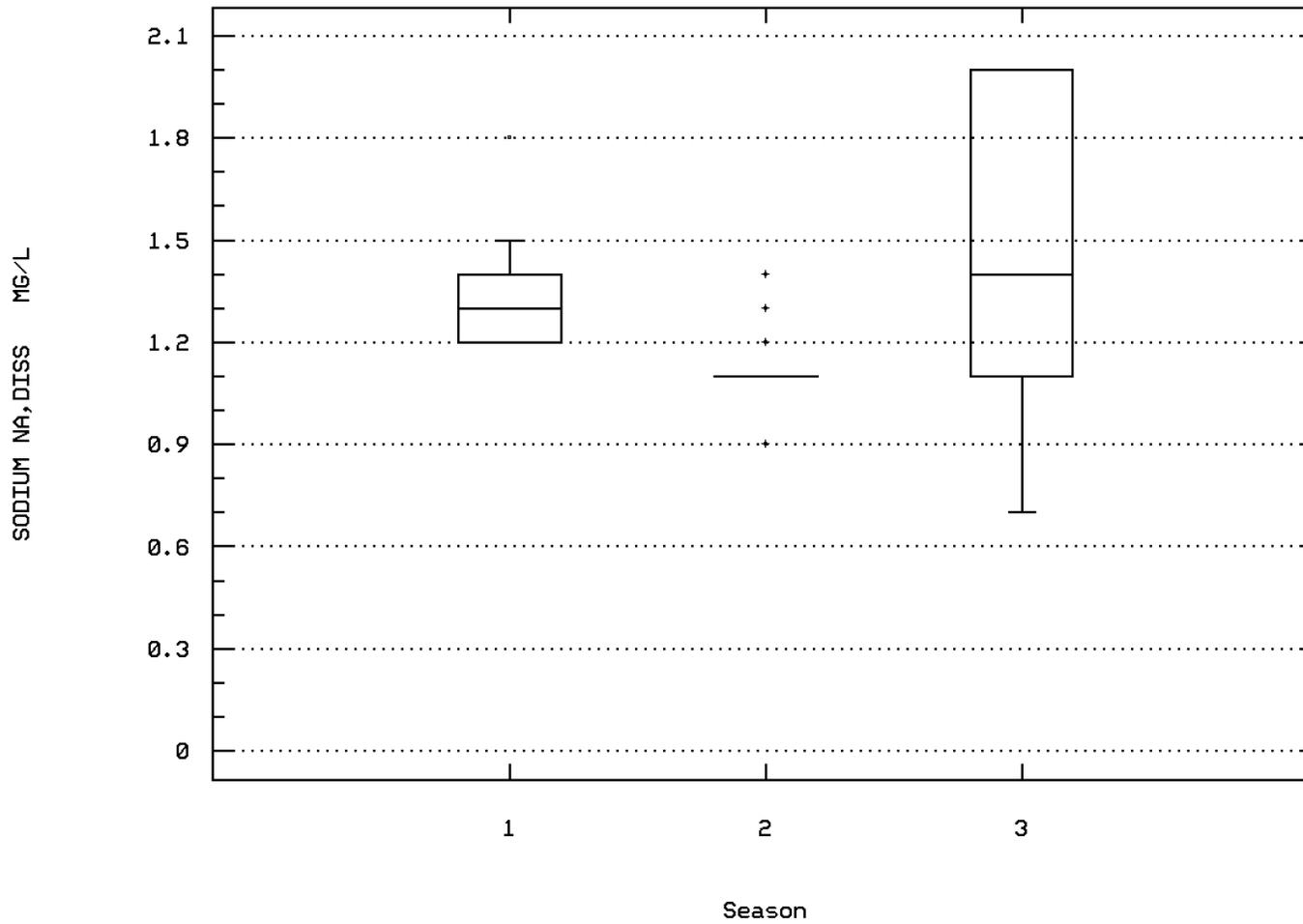
MAGNESIUM, DISSOLVED (MG/L AS MG)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00930

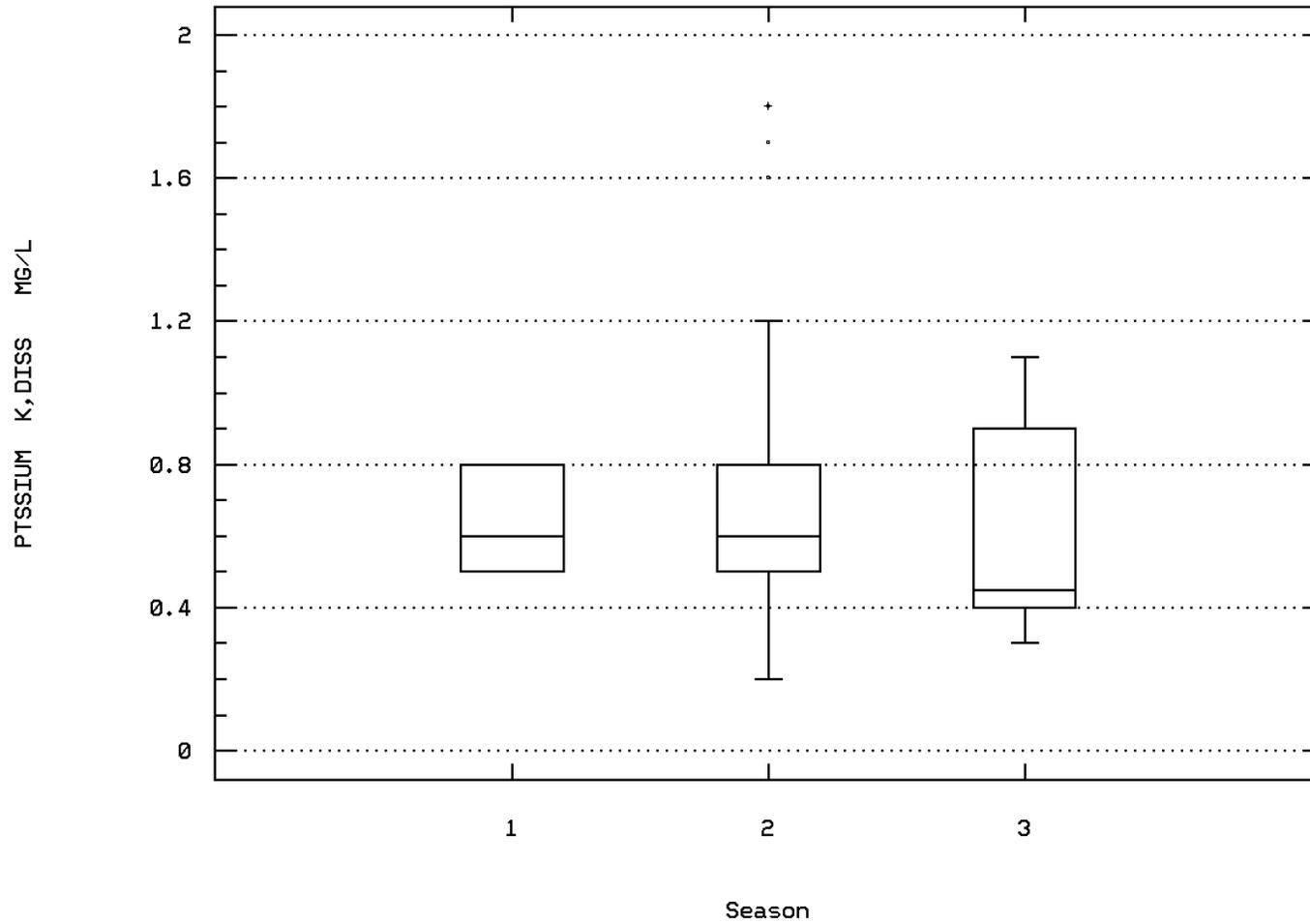
SODIUM, DISSOLVED (MG/L AS NA)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00935

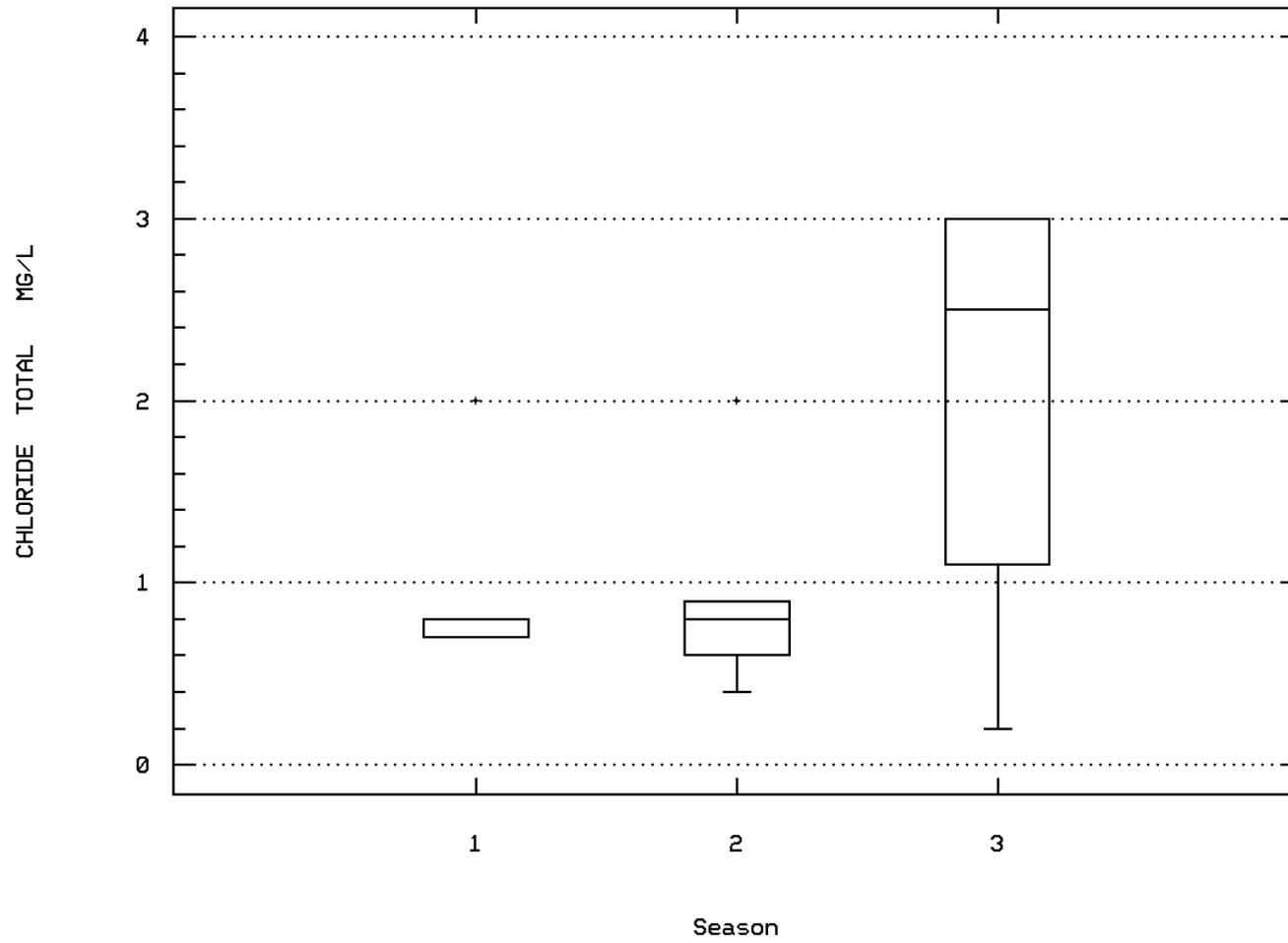
POTASSIUM, DISSOLVED (MG/L AS K)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00940

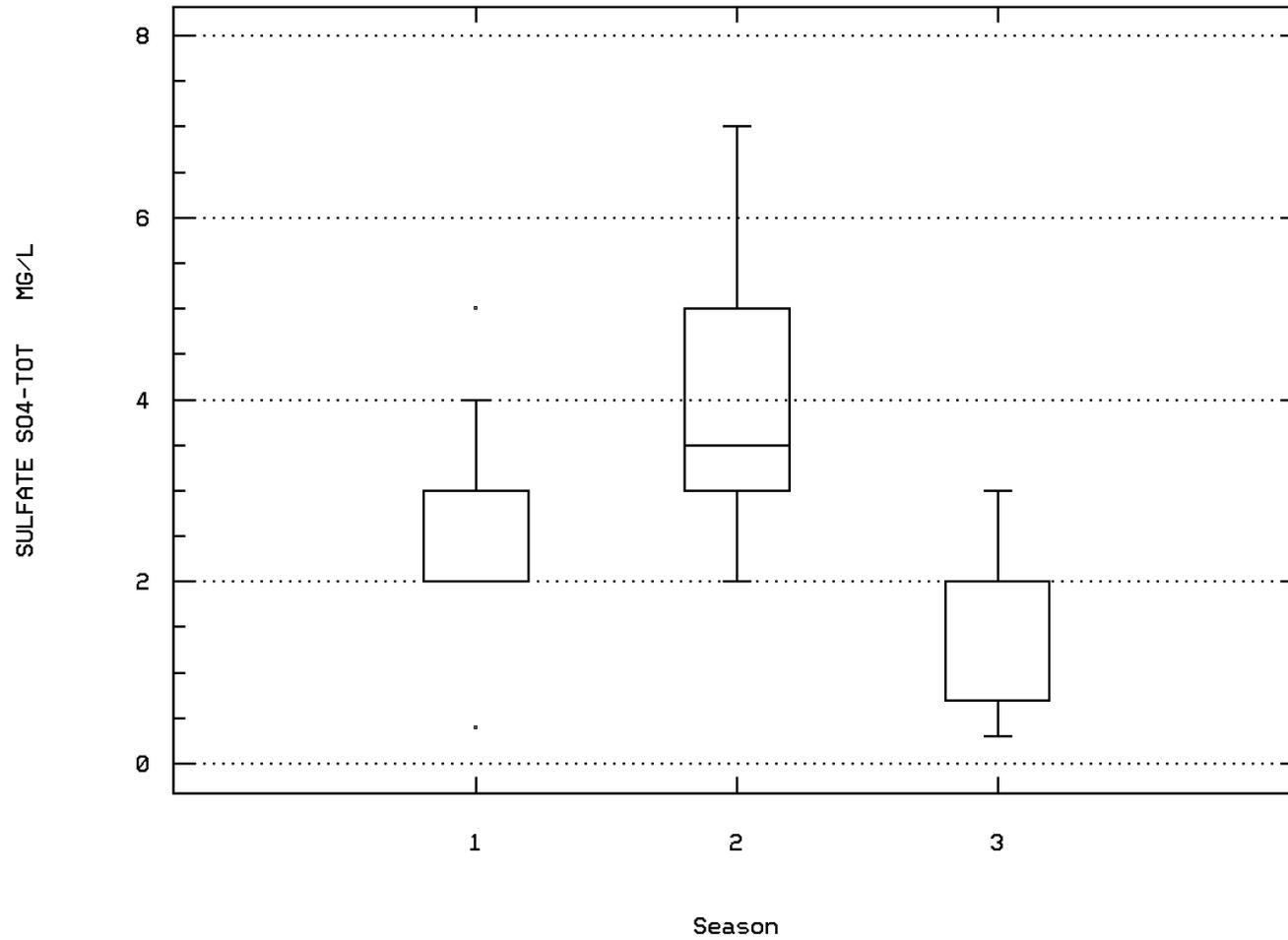
CHLORIDE, TOTAL IN WATER



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00945

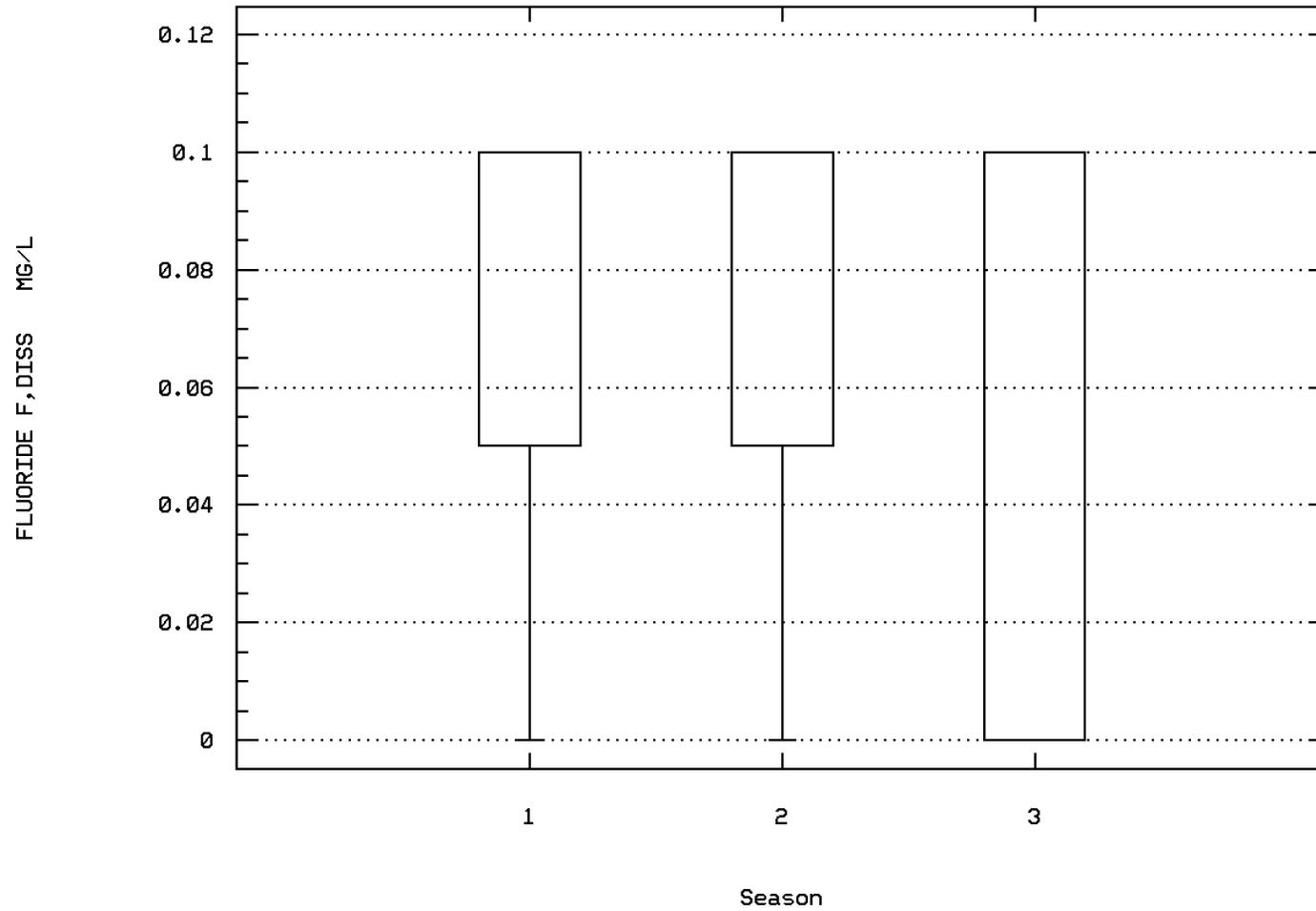
SULFATE, TOTAL (MG/L AS S04)



BEETREE CREEK NEAR SWANNANOVA N C

Station: BLRI0225 Parameter Code: 00950

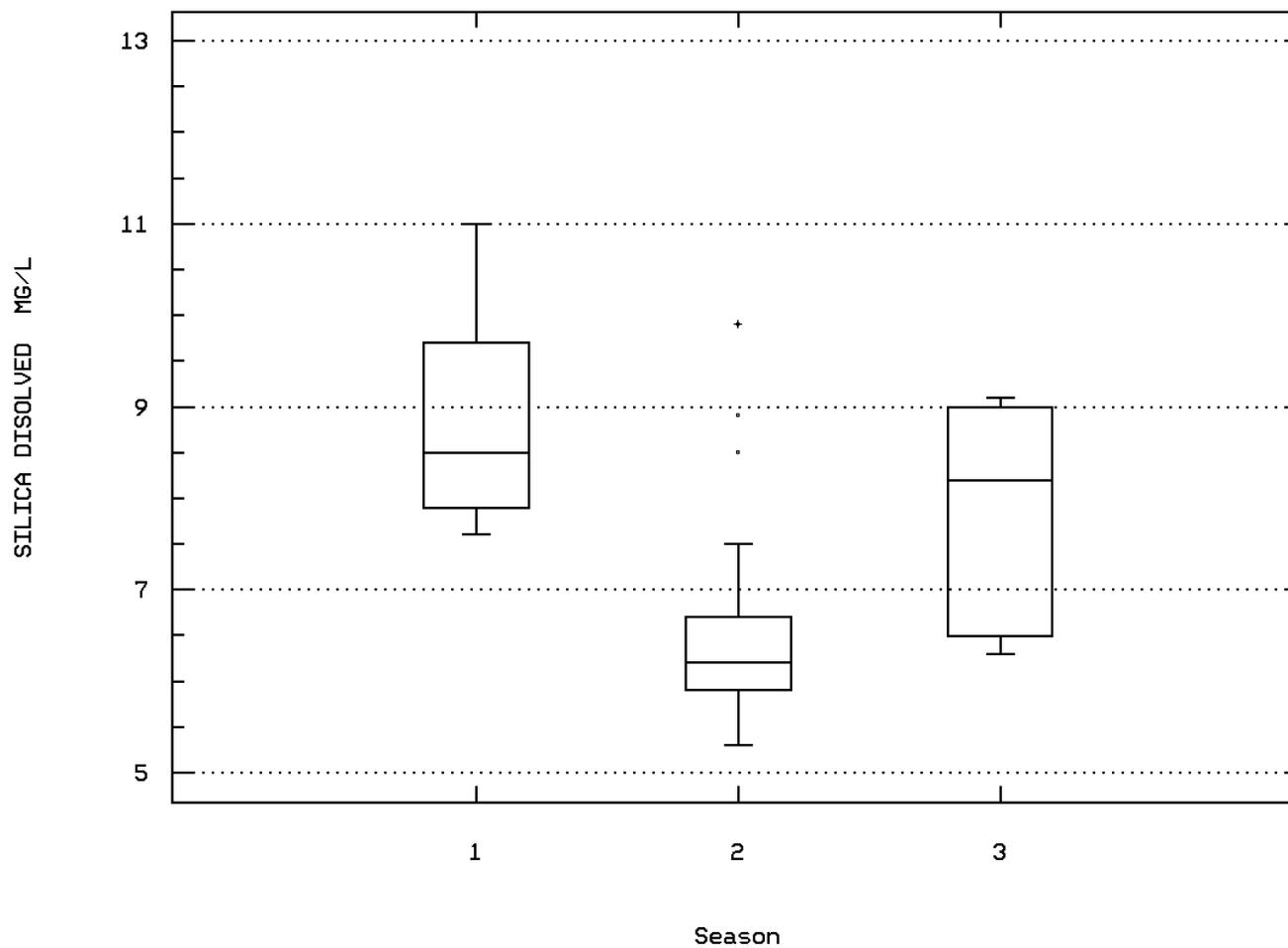
FLUORIDE, DISSOLVED (MG/L AS F)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 00955

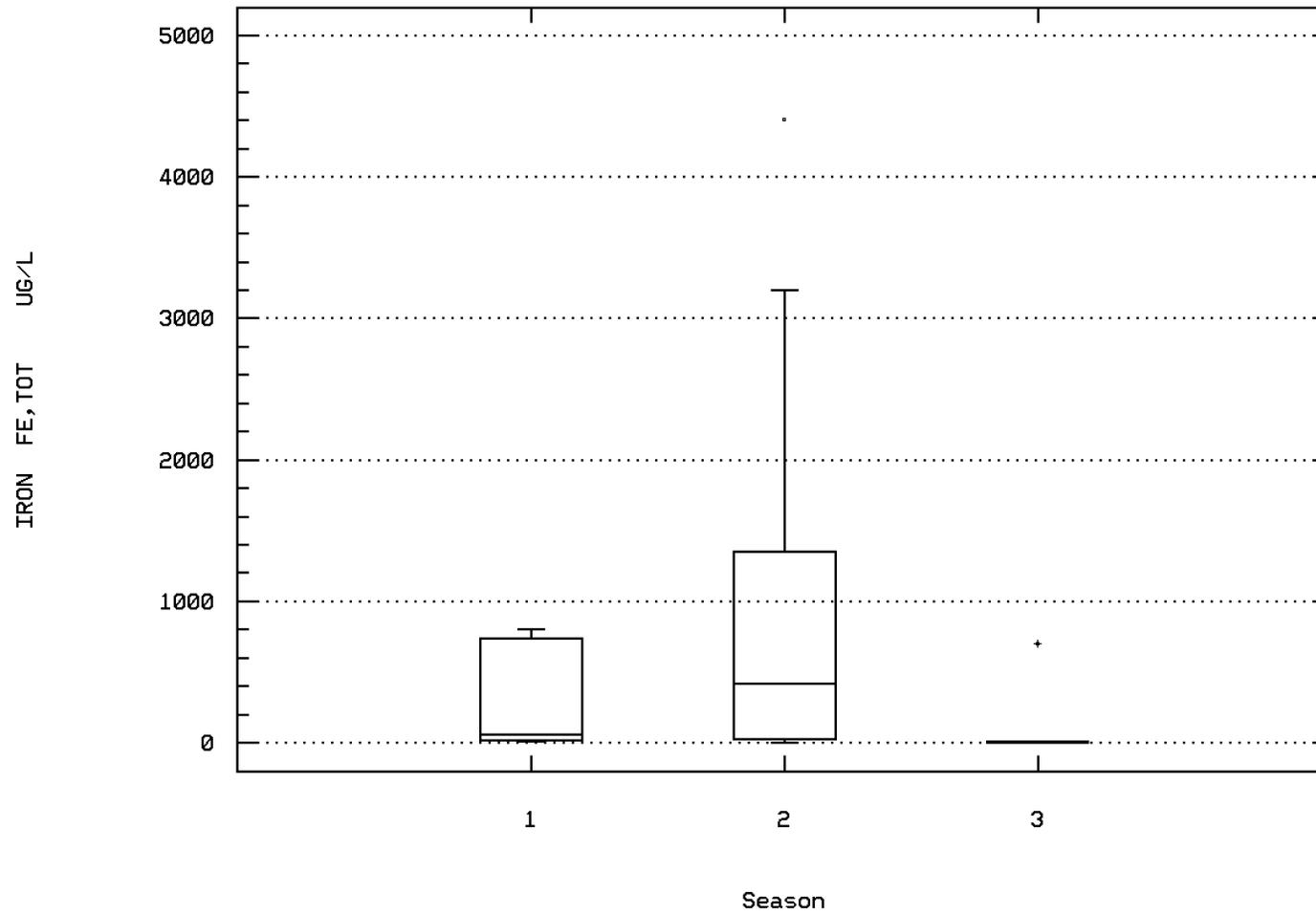
SILICA, DISSOLVED (MG/L AS SI02)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 01045

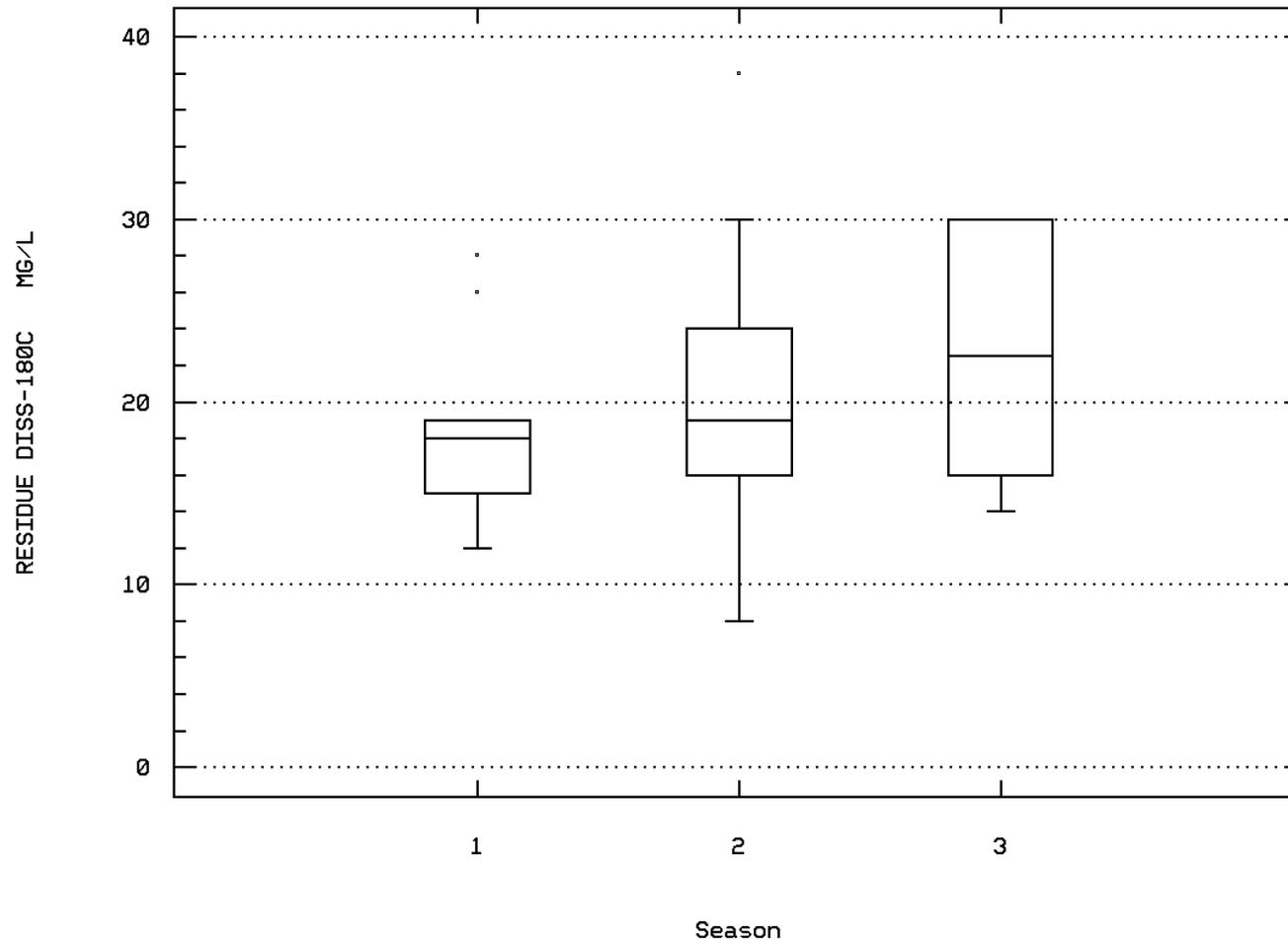
IRON, TOTAL (UG/L AS FE)



BEETREE CREEK NEAR SWANNANOA N C

Station: BLRI0225 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



BEETREE CREEK NEAR SWANNANOVA N C

Station Inventory for Station: BLRI0226

NPS Station ID: BLRI0226
 Location:
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 6670
 RMI-Miles: 0953.80 0046.50 652.10 149.00 012.20
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: SWANNANOVA 12.2
 RF1 Index: 06010105053
 RF3 Index: 06010105102101.05
 Description:

LAT/LON: 35.607781/ -82.443892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.090
 RF3 Mile Point: 1.47

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360073 /5674
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 16.40
 Distance from RF3: 0.34

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0226

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-05/25/67	16	12.25	13.65	23.	4.	43.968	6.631	4.7	7.55	21.	22.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-05/25/67	17	75.	97.471	245.	30.	3178.015	56.374	42.	59.	135.	189.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-05/25/67	16	22.5	21.969	55.	0.5	223.282	14.943	2.95	9.75	30.	44.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-05/25/67	17	10.	11.471	30.	5.	46.14	6.793	5.	5.	15.	22.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-01/25/67	9##	0.5	0.889	4.	0.5	1.361	1.167	0.5	0.5	0.5	4.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/65-05/25/67	17	37.	41.471	130.	26.	562.265	23.712	26.	32.	40.	66.
00300	OXYGEN, DISSOLVED MG/L	01/06/65-05/25/67	17	9.9	9.912	13.7	7.2	3.121	1.767	7.76	8.45	11.2	12.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-10/26/65	8	2.1	2.225	3.5	1.	0.585	0.765	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/65-05/25/67	17	7.3	7.212	8.5	6.4	0.266	0.516	6.48	6.8	7.45	7.94
00400	CONVERTED PH (STANDARD UNITS)	01/06/65-05/25/67	17	7.3	6.97	8.5	6.4	0.328	0.573	6.48	6.8	7.45	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/65-05/25/67	17	0.05	0.107	0.398	0.003	0.013	0.115	0.013	0.036	0.163	0.333
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/06/65-05/25/67	17	9.	7.576	10.	0.8	7.299	2.702	3.36	6.	10.	10.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-05/25/67	17	0.	0.059	1.	0.	0.059	0.243	0.	0.	0.	0.2
00500	RESIDUE, TOTAL (MG/L)	01/25/67-05/25/67	7	60.	61.429	150.	20.	1980.952	44.508	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/25/67-05/25/67	7	20.	30.	70.	10.	466.667	21.602	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/06/65-05/25/67	17	0.22	0.293	1.1	0.005	0.081	0.285	0.009	0.045	0.45	0.796
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/06/65-05/25/67	17	0.06	0.089	0.57	0.005	0.019	0.139	0.005	0.005	0.115	0.274
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/06/65-05/25/67	17##	0.005	0.014	0.08	0.005	0.	0.019	0.005	0.005	0.015	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/06/65-05/25/67	17	0.09	0.112	0.52	0.005	0.013	0.115	0.005	0.055	0.135	0.232
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/06/65-05/25/67	17	0.055	0.06	0.108	0.026	0.001	0.027	0.026	0.036	0.09	0.102
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/06/65-05/25/67	16	0.02	0.023	0.049	0.002	0.	0.013	0.005	0.014	0.033	0.044
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/25/67-05/25/67	9	2.5	2.5	4.5	1.	1.125	1.061	1.	1.5	3.	4.5
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	01/25/67-05/25/67	9	2.	2.556	5.	0.5	3.153	1.776	0.5	1.25	4.75	5.
00940	CHLORIDE, TOTAL IN WATER MG/L	01/06/65-10/26/65	8	4.5	7.625	27.	4.	63.125	7.945	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/26/65	8	31500.	91250.	390000.	11000.16137642857.143	127034.022	**	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/26/65	8	4.486	4.676	5.591	4.041	0.257	0.507	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/26/65	8	47451.153	47451.153	47451.153	47451.153	47451.153	47451.153	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/26/65	8	6200.	11902.5	62000.	520.	418394907.143	20454.704	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/26/65	8	3.792	3.682	4.792	2.716	0.388	0.623	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/26/65	8	4808.938	4808.938	4808.938	4808.938	4808.938	4808.938	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	01/06/65-05/25/67	17	11.	13.412	28.	7.	41.882	6.472	7.8	9.	16.5	27.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0226

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	16	1	0.06	3	0	0.00	7	1	0.14	6	0	0.00			
00300	OXYGEN, DISSOLVED	4.	17	0	0.00	3	0	0.00	8	0	0.00	6	0	0.00			
00400	PH	9.	17	0	0.00	3	0	0.00	8	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	17	2	0.12	3	0	0.00	8	2	0.25	6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	17	0	0.00	3	0	0.00	8	0	0.00	6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	17	0	0.00	3	0	0.00	8	0	0.00	6	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
	Drinking Water	250.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
31615	FECAL COLIFORM, MPN	200.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0227

NPS Station ID: BLRI0227
 Location: NEAR ASHVILLE RECREATION PARK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 6670
 RMI-Miles: 0953.80 0046.50 652.10 149.00 005.30
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: SWANNANOVA RIVER 5.3
 RF1 Index: 06010105
 RF3 Index: 06010105005400.00
 Description:

LAT/LON: 35.581392/ -82.491670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.79

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360190 /5671
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/68-07/23/68	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/23/68-07/23/68	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	07/23/68-07/23/68	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	07/23/68-07/23/68	1	4.322	4.322	4.322	4.322	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	07/23/68-07/23/68	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/68-07/23/68	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/68-07/23/68	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/68-07/23/68	1	500.	500.	500.	500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0227

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00										
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00										
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0228

NPS Station ID: BLRI0228
 Location: 0.13 ABOVE MOUTH OF GASHEs CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 6670
 RMI-Miles: 0953.80 0046.50 652.10 149.00 004.50
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: SWANNANOVA RIVER 4.5
 RF1 Index: 06010105
 RF3 Index: 06010105005204.10
 Description:

LAT/LON: 35.608616/ -82.500559

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.93

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360191 /5668
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0228

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/68-07/23/68	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/23/68-07/23/68	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-07/23/68	1	30000.	30000.	30000.	30000.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	07/23/68-07/23/68	1	4.477	4.477	4.477	4.477	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30000.								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/23/68-07/23/68	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/23/68-07/23/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0228

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0229

NPS Station ID: BLRI0229
 Location: REEMS CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105
 RF3 Index: 06010105011602.25

LAT/LON: 35.692782/ -82.504170

Depth of Water: 0
 Elevation: 661
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.33

Agency: 12NSS
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 2A07814U /2AS2A07814U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.20
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0229

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/85-07/02/85	2	16.2	16.2	18.5	13.9	10.58	3.253	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/30/85-07/02/85	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/30/85-07/02/85	2	14.	14.	23.	5.	162.	12.728	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/85-07/02/85	2	46.	46.	52.	40.	72.	8.485	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/30/85-07/02/85	2	8.05	8.05	8.5	7.6	0.405	0.636	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/30/85-07/02/85	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/85-07/02/85	2	7.347	7.347	7.4	7.3	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/85-07/02/85	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	04/30/85-07/02/85	2	302.65	302.65	372.5	232.8	9758.045	98.783	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/30/85-07/02/85	2	15.5	15.5	19.	12.	24.5	4.95	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/85-07/02/85	2	0.017	0.017	0.018	0.015	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/30/85-07/02/85	2	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/30/85-07/02/85	2	3.65	3.65	4.4	2.9	1.125	1.061	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/85-07/02/85	2	2.95	2.95	3.4	2.5	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/85-07/02/85	2	1.35	1.35	1.5	1.2	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/85-07/02/85	2	3.18	3.18	3.64	2.72	0.423	0.651	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/85-07/02/85	2	1.49	1.49	1.76	1.22	0.146	0.382	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/30/85-07/02/85	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/30/85-07/02/85	2	3.3	3.3	3.5	3.1	0.08	0.283	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/85-07/02/85	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/85-07/02/85	2	14.5	14.5	16.3	12.7	6.48	2.546	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/85-07/02/85	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/30/85-07/02/85	2	241.	241.	366.	116.	31250.	176.777	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/85-07/02/85	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
71885	IRON (UG/L AS FE)	04/30/85-07/02/85	2	35.225	35.225	39.47	30.98	36.04	6.003	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/30/85-07/02/85	2	2170.	2170.	2170.	2170.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/30/85-07/02/85	2	5.8	5.8	7.7	3.9	7.22	2.687	**	**	**	**
83509	STREAM, WIDTH METER	04/30/85-07/02/85	2	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0229

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00				
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00				
	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0230

NPS Station ID: BLRI0230 LAT/LON: 35.543615/ -82.508893
 Location: BUSBEE RESERVOIR NR DAM NR OAKLEY NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105005703.50 RF3 Mile Point: 4.39
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4160000 /FRBBR1
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0230

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/31/90	4	26.55	26.4	28.3	24.2	2.967	1.722	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/31/90	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/31/90	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/31/90	4	17.	17.	17.	17.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/31/90	4	8.9	7.15	9.1	1.7	13.21	3.635	**	**	**	**
00400	PH (STANDARD UNITS)	07/31/90-07/31/90	4	7.55	7.325	7.8	6.4	0.436	0.66	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/31/90	4	7.482	6.921	7.8	6.4	0.654	0.808	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	4	0.033	0.12	0.398	0.016	0.035	0.186	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/31/90	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/31/90	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/31/90	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/31/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/31/90	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/31/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/31/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/31/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/31/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0230

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	4	1	0.25									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	1	0.25	4	1	0.25									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0231

NPS Station ID: BLRI0231 LAT/LON: 35.543615/ -82.508893
 Location: BUSBEE RESERVOIR NR DAM NR OAKLEY NC
 Station Type: /TYP/A/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105053200.74 RF3 Mile Point: 0.76
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4160020 /FRBBR1BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 21.40
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0231

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0232

NPS Station ID: BLRI0232 LAT/LON: 35.543615/ -82.508893
 Location: BUSBEE RESERVOIR NR DAM NR OAKLEY NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105053200.74 RF3 Mile Point: 0.76
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4160010 /FRBBR1SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 21.40
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0232

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/31/90-07/31/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/31/90-07/31/90	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/31/90	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/31/90	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/31/90-07/31/90	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/31/90	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/31/90-07/31/90	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/31/90	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/90-07/31/90	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/31/90	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/31/90	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/90-07/31/90	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/31/90	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0232

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0232

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0233

NPS Station ID: BLRI0233 LAT/LON: 35.477782/ -82.529170
 Location: FRENCH BROAD R TRIB NR ARDEN NC INACT-740418
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER BASIN
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105001900.00 RF3 Mile Point: 0.15
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2690000 /FRB029A
 Within Park Boundary: No

Date Created: 03/03/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0233

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	5	24.	23.8	25.	22.	1.7	1.304	**	**	**
00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	5	10.	26.	100.	0.	1742.5	41.743	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	4	0.	0.688	2.75	0.	1.891	1.375	**	**	**
00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	4	0.	0.	0.	0.	0.	0.	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	4	14.	12.125	14.	6.5	14.063	3.75	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	4	0.74	0.795	1.2	0.5	0.091	0.302	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	5	99.	98.8	100.	97.	1.7	1.304	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	5	8.	8.32	10.2	7.3	1.417	1.19	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	5	94.	97.	116.	87.	140.	11.832	**	**	**
00400	PH (STANDARD UNITS)	04/04/74-04/25/74	5	7.8	7.8	8.	7.6	0.025	0.158	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/74-04/25/74	5	7.8	7.777	8.	7.6	0.026	0.16	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/74-04/25/74	5	0.016	0.017	0.025	0.01	0.	0.006	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/04/74-04/25/74	5	32.	33.	40.	30.	17.	4.123	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	4	0.	0.	0.	0.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	5	0.2	0.2	0.3	0.1	0.005	0.071	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	5 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	5 ##	20.	20.	20.	20.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	5 ##	50.	50.	50.	50.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	5 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	5 ##	25.	25.	25.	25.	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	5	20.	52.	180.	10.	5170.	71.903	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	5	1.301	1.467	2.255	1.	0.224	0.473	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			29.302							
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	5 ##	2.5	4.1	8.	2.5	5.925	2.434	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	5	0.	19.8	99.	0.	1960.2	44.274	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0233

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER																	
	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00				
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	5	0	0.00							5	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	5	0	0.00							5	0	0.00				
	Other-Lo Lim.	6.5	5	0	0.00							5	0	0.00				
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																	
	Drinking Water	10.	5	0	0.00							5	0	0.00				
00720	CYANIDE, TOTAL																	
	Fresh Acute	0.022	5	0	0.00							5	0	0.00				
	Drinking Water	0.2	5	0	0.00							5	0	0.00				
01042	COPPER, TOTAL																	
	Fresh Acute	18.	0&	0	0.00													
	Drinking Water	1300.	5	0	0.00							5	0	0.00				
01051	LEAD, TOTAL																	
	Fresh Acute	82.	5	0	0.00							5	0	0.00				
	Drinking Water	15.	0&	0	0.00													
01067	NICKEL, TOTAL																	
	Fresh Acute	1400.	5	0	0.00							5	0	0.00				
	Drinking Water	100.	5	0	0.00							5	0	0.00				
01092	ZINC, TOTAL																	
	Fresh Acute	120.	5	0	0.00							5	0	0.00				
	Drinking Water	5000.	5	0	0.00							5	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	5	0	0.00							5	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	5	0	0.00							5	0	0.00				
	Drinking Water	2.	5	0	0.00							5	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0234

NPS Station ID: BLRI0234 LAT/LON: 35.588892/ -82.530004
 Location: ROSS CREEK AT BEAUCATCHER RD NR ASHEVILLE NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105011900.84 RF3 Mile Point: 1.87
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4155000 /FRB034T /0345092550
 Within Park Boundary: No

Date Created: 03/05/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 9.70
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0234

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/87-11/10/87	9	0.06	0.151	0.36	0.05	0.02	0.143	0.05	0.05	0.33	0.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/87-11/10/87	9	1.9	2.089	4.1	0.6	1.411	1.188	0.6	1.2	3.15	4.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/87-11/10/87	9	0.32	0.3	0.38	0.21	0.004	0.062	0.21	0.235	0.355	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/87-11/10/87	9	0.75	0.804	1.2	0.2	0.16	0.4	0.2	0.455	1.2	1.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0234

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	5	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0235

NPS Station ID: BLRI0235 LAT/LON: 35.587504/ -82.530281
 Location: ROSS CR AT BEAUCATCHER RD AT ASHEVILLE, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105011900.50 RF3 Mile Point: 0.50
 Description:

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 0345092550
 Within Park Boundary: No

Date Created: 01/09/88

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 8.90
 Distance from RF3: 0.97

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0235

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/06/86-01/19/88	40	2.	10.183	42.	0.3	150.416	12.264	0.31	0.5	20.75	30.6
00065	STAGE, STREAM (FEET)	10/03/86-01/19/88	37	1.8	1.873	2.57	1.38	0.162	0.403	1.418	1.49	2.27	2.432
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/87-11/10/87	9	85.	83.	108.	56.	432.75	20.803	56.	59.5	105.	108.
00400	PH (STANDARD UNITS)	09/06/87-11/10/87	9	6.27	6.241	6.49	5.93	0.035	0.188	5.93	6.075	6.385	6.49
00400	CONVERTED PH (STANDARD UNITS)	09/06/87-11/10/87	9	6.27	6.203	6.49	5.93	0.037	0.193	5.93	6.075	6.385	6.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/87-11/10/87	9	0.537	0.627	1.175	0.324	0.086	0.293	0.324	0.412	0.858	1.175
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/87-11/10/87	9	0.06	0.151	0.36	0.05	0.02	0.143	0.05	0.05	0.33	0.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/87-11/10/87	9	1.9	2.089	4.1	0.6	1.411	1.188	0.6	1.2	3.15	4.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/87-11/10/87	9	0.32	0.3	0.38	0.21	0.004	0.062	0.21	0.235	0.355	0.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/87-11/10/87	9	0.75	0.804	1.2	0.2	0.16	0.4	0.2	0.455	1.2	1.2
01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/87-11/10/87	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/10/87-11/10/87	2	37.5	37.5	44.	31.	84.5	9.192	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/10/87-11/10/87	4	8850.	10200.	20000.	3100.	50913333.333	7135.358	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/10/87-11/10/87	4	3.943	3.92	4.301	3.491	0.112	0.335	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8312.288								
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/06/86-01/19/88	31	4.	170.097	948.	0.	89116.29	298.524	1.2	2.	224.	821.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0235

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9	9	0.00	5	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	9	9	1.00	5	5	1.00	4	4	1.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	5	0	0.00	4	0	0.00					
		Fresh Acute	3.9	4	0	0.00				4	0	0.00					
01027	CADMIUM, TOTAL	Drinking Water	5.	4	0	0.00				4	0	0.00					
		Fresh Acute	82.	2	0	0.00				2	0	0.00					
01051	LEAD, TOTAL	Drinking Water	15.	2	2	1.00				2	2	1.00					
		Other-Hi Lim.	200.	4	4	1.00				4	4	1.00					
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Drinking Water	15.	2	2	1.00				2	2	1.00					
		Other-Hi Lim.	200.	4	4	1.00				4	4	1.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0236

NPS Station ID: BLRI0236 LAT/LON: 35.476116/ -82.531116
 Location: LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060400.42 RF3 Mile Point: 0.42
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2713020 /FRBLJ4BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0237

NPS Station ID: BLRI0237 LAT/LON: 35.476116/ -82.531116
 Location: LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060400.43 RF3 Mile Point: 0.43
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2713000 /FRBLJ4
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.70
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0237

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	22	34.5	34.705	36.2	33.2	1.342	1.159	33.3	33.675	36.025	36.2
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	2	2.25	2.25	2.4	2.1	0.045	0.212	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	22	83.5	82.455	93.	68.	98.165	9.908	70.	72.75	92.	93.
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	22	5.6	5.523	6.2	4.3	0.495	0.704	4.43	5.	6.2	6.2
00400	PH (STANDARD UNITS)	07/31/90-07/28/92	22	7.4	7.355	7.5	7.	0.023	0.15	7.1	7.275	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/28/92	22	7.4	7.327	7.5	7.	0.023	0.153	7.1	7.275	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/28/92	22	0.04	0.047	0.1	0.032	0.	0.019	0.032	0.032	0.053	0.079
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/28/92	2	76.	76.	83.	69.	98.	9.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/90-07/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	2	0.15	0.15	0.22	0.08	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0237

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	22	0	0.00								
00400	PH	Other-Hi Lim.	9.	22	0	0.00	22	0	0.00								
		Other-Lo Lim.	6.5	22	0	0.00	22	0	0.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0238

NPS Station ID: BLRI0238 LAT/LON: 35.476116/ -82.531116
 Location: LAKE JULIAN DS SOUTHERN RR BRIDGE NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060400.42 RF3 Mile Point: 0.42
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2713010 /FRBLJ4SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	27.	27.	27.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	2##	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	2##	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	2	6.	7.	5.	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	1##	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	1	12.	12.	12.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	1	60.	60.	60.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	2##	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	2##	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0238

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL																
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL																
	Fresh Acute	360.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL																
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL																
	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL																
	Drinking Water	5.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL																
	Fresh Acute	100.	2	0	0.00	2	0	0.00									
	Drinking Water	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
	Drinking Water	82.	2	0	0.00	2	0	0.00									
	Drinking Water	15.	2	0	0.00	2	0	0.00									
	Drinking Water	1400.	2	0	0.00	2	0	0.00									
	Drinking Water	100.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0238

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01092	ZINC, TOTAL																	
	Fresh Acute	120.	2	0	0.00	2	0	0.00										
	Drinking Water	5000.	2	0	0.00	2	0	0.00										
01147	SELENIUM, TOTAL																	
	Fresh Acute	20.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0239

NPS Station ID: BLRI0239 LAT/LON: 35.477782/ -82.531949
 Location: FRENCH BROAD R TRIB NR ROYAL PINES INACT-740425
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060401.35 RF3 Mile Point: 1.34
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2700000 /FRB029B
 Within Park Boundary: No

Date Created: 03/03/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.60
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0239

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	5	20.	20.	21.	19.	0.5	0.707	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	5	10.	26.	100.	0.	1742.5	41.743	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	4	0.	0.688	2.75	0.	1.891	1.375	**	**	**	**
00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	4	12.	11.175	14.	6.7	10.456	3.234	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	4	0.83	0.765	1.1	0.3	0.117	0.341	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	4	90.	90.5	92.	90.	1.	1.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	5	8.6	8.6	10.3	7.6	1.185	1.089	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	5	93.	93.4	110.	84.	114.8	10.714	**	**	**	**
00400	PH (STANDARD UNITS)	04/04/74-04/25/74	5	7.8	7.94	8.9	7.5	0.313	0.559	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/74-04/25/74	5	7.8	7.762	8.9	7.5	0.352	0.594	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/74-04/25/74	5	0.016	0.017	0.032	0.001	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/04/74-04/25/74	5	33.	31.6	34.	28.	6.3	2.51	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	5	0.2	0.18	0.2	0.1	0.002	0.045	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	5 ##	0.025	0.03	0.05	0.025	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	5 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	5 ##	5.	101.	480.	5.	44892.5	211.879	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	5 ##	0.699	1.156	2.681	0.699	0.744	0.863	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			14.31								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	5 ##	2.5	4.1	8.	2.5	5.925	2.434	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0239

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER																	
	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00				
00300	OXYGEN, DISSOLVED																	
	Other-Lo Lim.	4.	5	0	0.00							5	0	0.00				
00400	PH																	
	Other-Hi Lim.	9.	5	0	0.00							5	0	0.00				
	Other-Lo Lim.	6.5	5	0	0.00							5	0	0.00				
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																	
	Drinking Water	10.	5	0	0.00							5	0	0.00				
00720	CYANIDE, TOTAL																	
	Fresh Acute	0.022	5	0	0.00							5	0	0.00				
	Drinking Water	0.2	5	0	0.00							5	0	0.00				
01042	COPPER, TOTAL																	
	Fresh Acute	18.	0&	0	0.00													
	Drinking Water	1300.	5	0	0.00							5	0	0.00				
01051	LEAD, TOTAL																	
	Fresh Acute	82.	5	0	0.00							5	0	0.00				
	Drinking Water	15.	0&	0	0.00													
01067	NICKEL, TOTAL																	
	Fresh Acute	1400.	5	0	0.00							5	0	0.00				
	Drinking Water	100.	5	0	0.00							5	0	0.00				
01092	ZINC, TOTAL																	
	Fresh Acute	120.	5	0	0.00							5	0	0.00				
	Drinking Water	5000.	5	0	0.00							5	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	5	1	0.20							5	1	0.20				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	5	0	0.00							5	0	0.00				
	Drinking Water	2.	5	0	0.00							5	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0240

NPS Station ID: BLRI0240
 Location: LAKE JULIAN DS HWY 280 NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105060400.43
 Description:

LAT/LON: 35.482781 / -82.533338

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.43

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2712010 /FRBLJ2SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.70
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0240

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	2##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	2##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	2##	11.	11.	17.	5.	72.	8.485	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0240

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL																
	Other-Low Lim.	6.5	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL																
	Fresh Acute	360.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL																
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL																
	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL																
	Drinking Water	5.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL																
	Fresh Acute	100.	2	0	0.00	2	0	0.00									
	Drinking Water	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
	Drinking Water	82.	2	0	0.00	2	0	0.00									
	Drinking Water	15.	2	0	0.00	2	0	0.00									
	Drinking Water	1400.	2	0	0.00	2	0	0.00									
	Drinking Water	100.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0240

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00										
	Drinking Water	5000.	2	0	0.00	2	0	0.00										
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0241

NPS Station ID: BLRI0241
 Location: LAKE JULIAN DS HWY 280 NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105109800.00
 Description:

LAT/LON: 35.482781/ -82.533338

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.08

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2712000 /FRBLJ2
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0241

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	18	33.15	34.139	35.6	32.6	1.739	1.319	32.69	33.1	35.6	35.6
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	2	1.35	1.35	1.6	1.1	0.125	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	2	2.2	2.2	2.2	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	18	91.	84.556	92.	73.	69.556	8.34	73.	76.5	92.	92.
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	18	6.45	6.339	7.2	5.8	0.232	0.482	5.8	5.9	6.625	7.11
00400	PH (STANDARD UNITS)	07/31/90-07/28/92	18	7.8	7.772	7.9	7.6	0.019	0.136	7.6	7.6	7.9	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/28/92	18	7.8	7.752	7.9	7.6	0.019	0.138	7.6	7.6	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/28/92	18	0.016	0.018	0.025	0.013	0.	0.006	0.013	0.013	0.025	0.025
00500	RESIDUE, TOTAL (MG/L)	07/31/90-07/28/92	2	60.	60.	65.	55.	50.	7.071	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/92-07/28/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	2	0.14	0.14	0.21	0.07	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	2	7.	7.	10.	4.	18.	4.243	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0241

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	18	0	0.00								
00400	PH	Other-Hi Lim.	9.	18	0	0.00	18	0	0.00								
		Other-Lo Lim.	6.5	18	0	0.00	18	0	0.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0242

NPS Station ID: BLRI0242
 Location: LAKE JULIAN DS HWY 280 NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105060400.43
 Description:

LAT/LON: 35.482781/ -82.533338

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.43

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2712020 /FRBLJ2BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.70
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0242

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0243

NPS Station ID: BLRI0243 LAT/LON: 35.479170/ -82.536115
 Location: FRENCH BROAD R TRIB NR SKYLAND NC INACT-740425
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105060401.35 RF3 Mile Point: 1.34
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2710000 /FRB029C
 Within Park Boundary: No

Date Created: 03/03/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.30
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0243

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/74-04/25/74	12	20.	20.	21.	18.	0.682	0.826	18.45	19.625	20.75	21.
00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	12	10.	26.25	100.	0.	1273.295	35.683	0.	2.5	25.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	10	0.	0.55	2.75	0.	1.344	1.16	0.	0.	0.688	2.75
00065	STAGE, STREAM (FEET)	04/04/74-04/25/74	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	4	12.5	26.05	73.	6.2	988.677	31.443	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/04/74-04/25/74	8	0.9	0.856	1.2	0.3	0.14	0.374	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/74-04/25/74	12	90.	89.917	90.	89.	0.083	0.289	89.3	90.	90.	90.
00300	OXYGEN, DISSOLVED MG/L	04/04/74-04/25/74	12	8.55	8.458	10.5	7.6	0.639	0.799	7.6	7.775	8.8	9.99
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/74-04/25/74	12	92.5	92.083	111.	84.	56.811	7.537	84.	86.25	96.	106.5
00400	PH (STANDARD UNITS)	04/04/74-04/25/74	8	7.9	7.738	8.2	7.2	0.146	0.381	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/04/74-04/25/74	8	7.889	7.591	8.2	7.2	0.17	0.412	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/74-04/25/74	8	0.013	0.026	0.063	0.006	0.	0.022	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/04/74-04/25/74	6	33.	32.667	34.	30.	2.267	1.506	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/04/74-04/25/74	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/04/74-04/25/74	6 ##	0.025	0.057	0.2	0.025	0.005	0.07	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/04/74-04/25/74	6	0.2	0.217	0.3	0.2	0.002	0.041	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/04/74-04/25/74	6 ##	0.025	0.029	0.05	0.025	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/04/74-04/25/74	6 ##	0.025	0.048	0.14	0.025	0.002	0.046	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/04/74-04/25/74	6 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/04/74-04/25/74	6 ##	20.	23.333	40.	20.	66.667	8.165	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/04/74-04/25/74	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/04/74-04/25/74	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/74-04/25/74	6 ##	25.	52.5	190.	25.	4537.5	67.361	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	12	10.	56.667	310.	5.	12451.515	111.586	5.	5.	17.5	301.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	12	1.	1.17	2.491	0.699	0.402	0.634	0.699	0.699	1.226	2.478
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			14.778								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/04/74-04/25/74	6 ##	4.75	5.917	14.	2.5	20.542	4.532	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	04/04/74-04/25/74	12	0.	7.417	89.	0.	660.083	25.692	0.	0.	0.	62.3
71900	MERCURY, TOTAL (UG/L AS HG)	04/04/74-04/25/74	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0243

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	4	1	0.25							4	1	0.25			
00300	OXYGEN, DISSOLVED	4.	12	0	0.00							12	0	0.00			
00400	PH	9.	8	0	0.00							8	0	0.00			
		6.5	8	0	0.00							8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00							6	0	0.00			
00720	CYANIDE, TOTAL	0.022	6	0	0.00							6	0	0.00			
		0.2	6	0	0.00							6	0	0.00			
01042	COPPER, TOTAL	18.	1 &	1	1.00							1	1	1.00			
		1300.	6	0	0.00							6	0	0.00			
01051	LEAD, TOTAL	82.	6	0	0.00							6	0	0.00			
		15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	6	0	0.00							6	0	0.00			
		100.	6	0	0.00							6	0	0.00			
01092	ZINC, TOTAL	120.	6	1	0.17							6	1	0.17			
		5000.	6	0	0.00							6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	12	2	0.17							12	2	0.17			
71900	MERCURY, TOTAL	2.4	6	0	0.00							6	0	0.00			
		2.	6	0	0.00							6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0244

NPS Station ID: BLRI0244 LAT/LON: 35.477782/ -82.544448
 Location: FRENCH BROAD R TRIB NR WEST HAVEN NC INAC-740425
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER BASIN
 RF1 Index: 06010105026 RF1 Mile Point: 10.350
 RF3 Index: 06010105060400.43 RF3 Mile Point: 0.74
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2720000 /FRB029D
 Within Park Boundary: No

Date Created: 03/03/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0244

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/74-04/25/74	10	19.	19.3	21.	18.	0.956	0.978	18.	18.75	20.125	20.95
00032	CLOUD COVER (PERCENT)	04/04/74-04/25/74	14	10.	23.571	100.	0.	1124.725	33.537	0.	3.75	25.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	04/04/74-04/25/74	11	0.	0.5	2.75	0.	1.238	1.112	0.	0.	0.	2.75
00065	STAGE, STREAM (FEET)	04/17/74-04/25/74	3	0.	0.	0.	0.	0.	**	**	**	**	
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/10/74-04/25/74	4	13.	12.15	16.	6.6	16.357	4.044	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/18/74-04/25/74	6	0.98	0.975	1.1	0.82	0.015	0.123	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/10/74-04/25/74	10	90.	89.2	90.	85.	2.622	1.619	85.3	88.75	90.	90.
00300	OXYGEN, DISSOLVED MG/L	04/10/74-04/25/74	10	8.65	8.54	10.3	7.5	0.696	0.834	7.51	7.6	8.9	10.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/10/74-04/25/74	10	92.	91.4	108.	82.	57.156	7.56	82.1	83.75	94.25	106.7
00400	PH (STANDARD UNITS)	04/10/74-04/25/74	5	7.9	7.9	8.2	7.3	0.135	0.367	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/10/74-04/25/74	5	7.9	7.755	8.2	7.3	0.161	0.402	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/10/74-04/25/74	5	0.013	0.018	0.05	0.006	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/10/74-04/25/74	4	33.	32.5	34.	30.	3.667	1.915	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/17/74-04/25/74	3	0.	0.	0.	0.	0.	**	**	**	**	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/74-04/25/74	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/74-04/25/74	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/74-04/25/74	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/74-04/25/74	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/10/74-04/25/74	4 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/10/74-04/25/74	4 ##	20.	30.	60.	20.	400.	20.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/10/74-04/25/74	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/10/74-04/25/74	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/10/74-04/25/74	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	14	10.	46.429	300.	5.	8182.418	90.457	5.	5.	22.5	255.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/04/74-04/25/74	14	1.	1.17	2.477	0.699	0.352	0.593	0.699	0.699	1.345	2.4
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			14.775								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/10/74-04/25/74	4 ##	13.25	14.125	27.5	2.5	182.229	13.499	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	04/10/74-04/25/74	10	0.	9.	90.	0.	810.	28.46	0.	0.	0.	81.
71900	MERCURY, TOTAL (UG/L AS HG)	04/10/74-04/25/74	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0244

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	4	0	0.00							4	0	0.00			
00300	OXYGEN, DISSOLVED	4.	10	0	0.00							10	0	0.00			
00400	PH	9.	5	0	0.00							5	0	0.00			
		6.5	5	0	0.00							5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	4	0	0.00							4	0	0.00			
00720	CYANIDE, TOTAL	0.022	4	0	0.00							4	0	0.00			
		0.2	4	0	0.00							4	0	0.00			
01042	COPPER, TOTAL	18.	1 &	1	1.00							1	1	1.00			
		1300.	4	0	0.00							4	0	0.00			
01051	LEAD, TOTAL	82.	4	0	0.00							4	0	0.00			
		15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	4	0	0.00							4	0	0.00			
		100.	4	0	0.00							4	0	0.00			
01092	ZINC, TOTAL	120.	4	0	0.00							4	0	0.00			
		5000.	4	0	0.00							4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	14	2	0.14							14	2	0.14			
71900	MERCURY, TOTAL	2.4	4	0	0.00							4	0	0.00			
		2.	4	0	0.00							4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0245

NPS Station ID: BLRI0245
 Location:
 Station Type: /TYPA/AMBNT/STREAM/SOLIDS
 RMI-Indexes: 1021500 00720 00920 9300 6670
 RMI-Miles: 0953.80 0046.50 652.10 149.00 001.60
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: SWANNANOVA RIVER 1.6
 RF1 Index: 06010105052
 RF3 Index: 06010105009800.89
 Description:

LAT/LON: 35.568615/ -82.544726

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.480
 RF3 Mile Point: 4.19

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360192 /5665
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 17.30
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0245

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/68-12/28/76	22	15.5	15.373	26.	3.	51.33	7.164	4.34	9.525	21.25	24.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/75-12/28/76	16	109.5	119.438	209.	28.	2732.396	52.272	48.3	84.75	154.75	206.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/75-12/28/76	16	5.6	11.588	30.	2.8	88.691	9.418	3.15	3.925	20.5	27.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/01/68-12/28/76	18	10.5	12.056	32.	1.	51.703	7.19	4.6	8.	13.5	25.7
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/20/75-12/28/76	16	30.	34.5	110.	14.	519.2	22.786	16.1	18.	39.5	68.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/75-12/28/76	16	49.	49.125	66.	38.	55.983	7.482	40.1	44.	52.75	63.2
00300	OXYGEN, DISSOLVED MG/L	07/01/68-12/28/76	19	9.3	9.368	12.3	7.2	2.271	1.507	7.5	7.9	10.5	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/25/76-11/09/76	3	5.6	4.7	6.2	2.3	4.41	2.1	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/20/75-12/28/76	16	7.5	9.188	35.	2.	58.963	7.679	2.7	5.	11.5	20.3
00400	PH (STANDARD UNITS)	10/20/75-12/28/76	16	6.9	6.856	7.3	5.8	0.115	0.339	6.43	6.7	7.075	7.23
00400	CONVERTED PH (STANDARD UNITS)	10/20/75-12/28/76	16	6.9	6.657	7.3	5.8	0.157	0.396	6.43	6.7	7.075	7.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/75-12/28/76	16	0.126	0.22	1.585	0.05	0.135	0.368	0.059	0.085	0.2	0.615
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/20/75-12/28/76	16	16.	15.688	18.	12.	3.296	1.815	12.7	14.25	17.	18.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/20/75-12/28/76	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/20/75-12/28/76	16	12.5	15.813	56.	3.	205.229	14.326	3.7	5.25	22.	43.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/20/75-12/28/76	16	0.17	0.179	0.33	0.06	0.005	0.072	0.074	0.123	0.238	0.274
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/75-12/28/76	16	0.145	0.151	0.32	0.07	0.004	0.062	0.07	0.12	0.17	0.257
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/75-12/28/76	16	0.24	0.229	0.28	0.16	0.001	0.036	0.174	0.203	0.265	0.273
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/75-12/28/76	16	0.08	0.08	0.12	0.05	0.	0.018	0.057	0.063	0.09	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/75-12/28/76	15	0.03	0.037	0.12	0.02	0.001	0.025	0.02	0.02	0.04	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/19/75-11/16/76	5	2.8	3.02	4.6	1.5	2.062	1.436	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/20/75-12/28/76	16	4.	3.688	5.	2.	0.629	0.793	2.7	3.	4.	5.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/20/75-12/28/76	16	1.4	1.725	6.1	1.	1.414	1.189	1.07	1.325	1.6	3.16
00929	SODIUM, TOTAL (MG/L AS Na)	10/20/75-12/28/76	16	3.05	3.331	4.6	2.5	0.389	0.624	2.71	2.9	3.825	4.53
00937	POTASSIUM, TOTAL (MG/L AS K)	10/20/75-12/28/76	16	1.1	1.131	1.5	0.8	0.053	0.23	0.8	0.925	1.35	1.5
00940	CHLORIDE, TOTAL IN WATER (MG/L)	10/20/75-12/28/76	16	4.	3.75	5.	3.	0.467	0.683	3.	3.	4.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/75-12/28/76	16	4.	4.813	15.	1.	14.963	3.868	1.	2.25	5.	13.6
00951	FLUORIDE, TOTAL (MG/L AS F)	10/20/75-12/28/76	16 ##	0.05	0.053	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.065
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/20/75-12/28/76	16	9.95	9.894	11.	8.3	0.655	0.81	8.72	9.275	10.75	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/19/75-11/16/76	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	11/19/75-11/16/76	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/19/75-11/16/76	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	11/19/75-11/16/76	4	40.	40.	60.	20.	533.333	23.094	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/19/75-11/16/76	5	1.	1.	2.	0.5	0.375	0.612	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/19/75-11/16/76	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/19/75-11/16/76	5	20.	20.	40.	5.	237.5	15.411	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/20/75-12/28/76	16	910.	1124.375	3400.	530.	513666.25	716.705	579.	665.	1400.	2280.
01046	IRON, DISSOLVED (UG/L AS FE)	10/20/75-12/28/76	16	140.	150.313	280.	25.	4794.896	69.245	63.5	102.5	205.	259.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0245

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	11/19/75-11/16/76	5##	5.	7.2	16.	5.	24.2	4.919	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/20/75-12/28/76	16	110.	104.375	150.	60.	492.917	22.202	67.	92.5	117.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/75-12/28/76	16	85.	79.375	100.	50.	272.917	16.52	50.	62.5	90.
01067	NICKEL, TOTAL (UG/L AS NI)	11/19/75-11/16/76	5##	25.	25.	25.	25.	0.	0.	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/19/75-11/16/76	5##	5.	5.	5.	5.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/19/75-11/16/76	5	30.	698.	3400.	10.	2281570.	1510.487	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/75-11/16/76	5	800.	1532.	4800.	260.	3413120.	1847.463	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	11/19/75-11/16/76	5##	5.	5.	5.	5.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/75-11/16/76	5##	1.	1.1	2.	0.5	0.3	0.548	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	11/19/75-11/16/76	5##	500.	500.	500.	500.	0.	0.	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/01/68-08/21/68	3	280000.	591000.	1400000.	93000.499603000000.	706826.004	0.592	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	07/01/68-08/21/68	3	5.447	5.521	6.146	4.968	0.351	0.592	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	07/01/68-08/21/68	3	331581.027						**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/01/68-11/09/76	6	2320.	68865.	390000.	30.24796698310.	157469.674	0.592	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/01/68-11/09/76	6	3.3	3.44	5.591	1.477	1.965	1.402	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/01/68-11/09/76	6	2754.688						**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	10/20/75-12/28/76	16	16.	16.438	35.	10.	31.729	5.633	11.4	13.	17.
70001	COMPOSITE LOCATION IN A CROSS SECTION	08/21/68-08/21/68	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/20/75-12/28/76	16	30.	34.375	60.	20.	106.25	10.308	20.	30.	40.
71900	MERCURY, TOTAL (UG/L AS HG)	10/27/70-11/16/76	7##	0.2	0.764	4.3	0.1	2.437	1.561	**	**	**
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/27/70-10/27/70	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0245

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	7	0	0.00	8	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	16	1	0.06	4	0	0.00	8	1	0.13	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
		Drinking Water	250.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	5.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5	3	0.60	1	1	1.00	3	2	0.67	1	0	0.00			
		Drinking Water	1300.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	15.	5	1	0.20	1	0	0.00	3	0	0.00	1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	5	1	0.20	1	0	0.00	3	1	0.33	1	0	0.00			
		Drinking Water	5000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00	3	3	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	5	0.83	4	4	1.00	2	1	0.50						
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	1	0.14	1	0	0.00	5	1	0.20	1	0	0.00			
		Drinking Water	2.	7	1	0.14	1	0	0.00	5	1	0.20	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0246

NPS Station ID: BLRI0246
 Location: SWANNANOA RIVER AT BILTMORE, N. C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105052
 RF3 Index: 06010105002307.21
 Description:

LAT/LON: 35.568337/ -82.545004

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 1.480
 RF3 Mile Point: 7.95

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03451000
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-10/05/70	4	12.	11.75	20.	3.	58.917	7.676	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/05/70-10/05/70	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-11/26/79	40	244.5	1337.875	8830.	26.	4663743.804	2159.57	39.3	94.75	1877.5	4454.
00080	COLOR (PLATINUM-COBALT UNITS)	11/06/57-10/05/70	11	5.	7.	25.	2.	40.8	6.387	2.	5.	8.	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/57-10/05/70	12	58.	62.583	83.	44.	175.174	13.235	45.8	52.	77.25	82.7
00400	PH (STANDARD UNITS)	11/06/57-10/05/70	12	6.55	6.583	7.2	6.2	0.102	0.319	6.23	6.325	6.6	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/06/57-10/05/70	12	6.547	6.5	7.2	6.2	0.109	0.33	6.23	6.325	6.6	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/57-10/05/70	12	0.284	0.316	0.631	0.063	0.029	0.17	0.063	0.251	0.475	0.592
00410	ALKALINITY, TOTAL (MG/L AS CA CO3)	11/10/69-10/05/70	4	18.5	17.25	21.	11.	22.917	4.787	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/06/57-10/05/70	12	18.5	18.75	37.	10.	65.477	8.092	10.	11.	24.75	33.7
00445	CARBONATE ION (MG/L AS CO3)	11/10/69-10/05/70	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/10/69-10/05/70	4	0.55	0.523	0.71	0.28	0.04	0.2	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	4	0.16	0.16	0.26	0.06	0.007	0.082	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	3	0.02	0.043	0.1	0.01	0.002	0.049	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/10/69-10/05/70	3	0.13	0.113	0.2	0.01	0.009	0.096	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/10/69-10/05/70	4	0.55	0.57	0.95	0.23	0.095	0.308	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CA CO3)	11/06/57-10/05/70	12	12.5	13.167	19.	10.	7.424	2.725	10.	11.	15.	18.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CA CO3)	11/06/57-10/05/70	12	0.	0.917	6.	0.	3.174	1.782	0.	0.	1.75	4.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/06/57-10/05/70	12	3.2	3.258	5.3	2.	0.81	0.9	2.06	2.675	3.475	5.03
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/06/57-10/05/70	12	1.2	1.233	1.9	0.7	0.115	0.339	0.73	1.	1.475	1.81
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/06/57-10/05/70	12	6.3	6.042	9.5	3.3	2.708	1.646	3.6	4.575	6.7	8.87
00931	SODIUM ADSORPTION RATIO	11/10/69-10/05/70	4	0.75	0.7	0.9	0.4	0.047	0.216	**	**	**	**
00932	SODIUM, PERCENT	11/10/69-10/05/70	4	45.	44.75	53.	36.	64.917	8.057	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/57-10/05/70	12	1.35	1.383	2.1	0.2	0.322	0.567	0.38	1.05	1.975	2.1
00940	CHLORIDE, TOTAL IN WATER MG/L	11/06/57-10/05/70	12	4.	4.333	8.	2.	3.879	1.969	2.	2.25	5.75	7.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/57-10/05/70	12	5.5	5.417	14.	1.	10.992	3.315	1.3	3.25	6.75	11.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/57-05/04/62	8	0.	0.038	0.1	0.	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/06/57-10/05/70	11	10.	10.127	15.	7.6	4.752	2.18	7.76	8.6	11.	14.6
01045	IRON, TOTAL (UG/L AS FE)	11/06/57-05/04/62	8	15.	22.5	60.	0.	392.857	19.821	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/10/69-10/05/70	4	310.	310.	440.	180.	16666.667	129.099	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/57-10/05/70	11	41.	42.818	59.	28.	111.164	10.543	28.8	32.	54.	58.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/05/70-10/05/70	1	3.06	3.06	3.06	3.06	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/10/69-10/05/70	4	0.055	0.058	0.08	0.04	0.	0.021	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/06/77-11/06/77	1	65.	65.	65.	65.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	09/22/79-09/22/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	09/22/79-09/22/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	09/22/79-09/22/79	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	09/22/79-09/22/79	1	36.	36.	36.	36.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	09/22/79-09/22/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	09/22/79-09/22/79	1	52.	52.	52.	52.	0.	0.	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	09/22/79-09/22/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	09/22/79-09/22/79	1	89.	89.	89.	89.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	11/06/57-05/04/62	8	1.35	1.475	3.	0.2	0.768	0.876	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/26/70-01/26/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/26/70-01/26/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/04/77-11/26/79	32	396.5	630.688	2880.	3.	580576.222	761.956	6.	18.5	897.25	1847.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/04/77-11/26/79	32	470.5	5775.474	43800.	0.21119860240.844	10948.07	1.198	4.5	7697.5	22780.	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0246

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	12	6	0.50	4	1	0.25	4	2	0.50	4	3	0.75			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	2	0	0.00	1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	2	0	0.00	1	0	0.00					
00940	Fresh Acute	860.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	250.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00		
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00		
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00					
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00				1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-11/26/79	12	103.	651.417	2210.	30.	695141.174	833.751	30.9	43.5	1455.	2138.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-11/26/79	19	420.	2244.474	8830.	26.	7932415.041	2816.454	51.	149.	4220.	8360.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/06/57-11/26/79	9	193.	339.222	1290.	58.	151126.944	388.75	58.	113.5	433.5	1290.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0247

NPS Station ID: BLRI0247
 Location: LAKE JULIAN NR DAM NR SKYLAND NC
 Station Type: /TYP/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105060400.42
 Description:

LAT/LON: 35.475560/ -82.545004

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.42

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2722000 /FRBLJ6
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0247

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/90-07/28/92	19	33.4	33.963	35.6	32.5	1.356	1.164	32.9	33.2	35.6	35.6
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/31/90-07/28/92	2	1.45	1.45	1.6	1.3	0.045	0.212	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/90-07/28/92	2	2.3	2.3	2.4	2.2	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/31/90-07/28/92	19	91.	87.474	92.	76.	31.93	5.651	78.	82.	92.	92.
00300	OXYGEN, DISSOLVED MG/L	07/31/90-07/28/92	19	6.4	6.295	6.9	5.6	0.208	0.456	5.7	5.8	6.7	6.8
00400	PH (STANDARD UNITS)	07/31/90-07/28/92	19	7.6	7.642	7.8	7.3	0.016	0.126	7.5	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/31/90-07/28/92	19	7.6	7.623	7.8	7.3	0.016	0.128	7.5	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/28/92	19	0.025	0.024	0.05	0.016	0.	0.008	0.016	0.02	0.025	0.032
00500	RESIDUE, TOTAL (MG/L)	07/28/92-07/28/92	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/92-07/28/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/90-07/28/92	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/90-07/28/92	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/90-07/28/92	2	0.15	0.15	0.22	0.08	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/90-07/28/92	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/31/90-07/28/92	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	07/31/90-07/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/31/90-07/28/92	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/31/90-07/31/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0247

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	19	0	0.00									
00400	PH	Other-Hi Lim.	9.	19	0	0.00	19	0	0.00									
		Other-Lo Lim.	6.5	19	0	0.00	19	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0248

NPS Station ID: BLRI0248
 Location: LAKE JULIAN NR DAM NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105060400.42
 Description:

LAT/LON: 35.475560/ -82.545004

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.42

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2722010 /FRBLJ6SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 6.50
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0248

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/90-07/31/90	1	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/90-07/31/90	1	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/90-07/31/90	1	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/31/90-07/31/90	1	27.	27.	27.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/90-07/28/92	2##	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/90-07/28/92	2##	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/90-07/28/92	2	5.	5.	6.	4.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/28/92-07/28/92	1##	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/28/92-07/28/92	1##	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/90-07/28/92	2##	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/28/92-07/28/92	1##	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/90-07/28/92	2##	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/90-07/28/92	2##	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0248

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL																
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL																
	Fresh Acute	360.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL																
	Drinking Water	50.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL																
	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL																
	Drinking Water	5.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL																
	Fresh Acute	100.	2	0	0.00	2	0	0.00									
	Drinking Water	18.	2	0	0.00	2	0	0.00									
	Drinking Water	1300.	2	0	0.00	2	0	0.00									
	Drinking Water	82.	2	0	0.00	2	0	0.00									
	Drinking Water	15.	2	0	0.00	2	0	0.00									
	Drinking Water	1400.	2	0	0.00	2	0	0.00									
	Drinking Water	100.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0248

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00										
	Drinking Water	5000.	2	0	0.00	2	0	0.00										
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00										
	Drinking Water	50.	2	0	0.00	2	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0249

NPS Station ID: BLRI0249
 Location: SWANNANOA RIVER AT BILTMORE NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105052
 RF3 Index: 06010105002609.67
 Description:

LAT/LON: 35.568337/ -82.545004

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 1.480
 RF3 Mile Point: 10.38

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4170000 /FRB034U /03451000
 Within Park Boundary: No

Date Created: 09/29/84

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	87	30.	29.506	60.	2.	121.369	11.017	15.	20.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	116	14.	13.836	28.	1.	49.943	7.067	4.	8.	20.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	113	20.	18.354	36.	0.	85.82	9.264	5.	10.5	25.	30.
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	113	50.	49.867	100.	0.	1529.67	39.111	0.	5.	97.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	76	5.	4.803	20.	0.	17.281	4.157	0.	0.5	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	109	0.	0.191	2.	0.	0.137	0.37	0.	0.	0.2	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	96	93.	187.625	4580.	6.	226224.363	475.63	20.	48.5	202.25	314.8
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	92	1.	1.462	15.	0.5	2.309	1.52	1.	1.	1.5	2.
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	97	1.65	1.784	3.63	1.1	0.28	0.529	1.228	1.43	2.05	2.42
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	70	5.2	15.86	220.	0.3	984.793	31.381	2.1	2.775	12.5	35.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	103	57.	58.99	200.	17.	467.284	21.617	35.8	46.	70.	80.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/86-08/24/90	8	49.	51.25	64.	39.	100.214	10.011	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	116	9.5	9.717	13.4	6.7	2.588	1.609	7.87	8.4	10.95	12.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/16/85-09/18/85	6	92.5	93.167	105.	84.	45.367	6.735	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/10/85-12/07/90	47	1.4	1.826	6.2	0.7	1.702	1.305	0.8	1.	2.1	3.02
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	101	7.	7.013	8.4	5.6	0.167	0.409	6.52	6.8	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	101	7.	6.812	8.4	5.6	0.208	0.456	6.52	6.8	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	101	0.1	0.154	2.512	0.004	0.068	0.261	0.04	0.05	0.158	0.303
00403	PH, LAB, STANDARD UNITS SU	01/10/85-12/12/94	51	7.1	7.102	8.	6.7	0.072	0.268	6.8	6.9	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/85-12/12/94	51	7.1	7.04	8.	6.7	0.076	0.275	6.8	6.9	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-12/12/94	51	0.079	0.091	0.2	0.01	0.002	0.042	0.05	0.063	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/85-04/30/91	49	17.	17.	29.	9.	23.958	4.895	11.	13.	21.	23.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	80	16.	16.288	30.	5.	29.018	5.387	9.1	13.	19.75	23.
00500	RESIDUE, TOTAL (MG/L)	01/10/85-04/30/91	52	65.5	94.173	720.	37.	10191.675	100.954	47.9	58.25	99.	137.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	90	8.	26.361	640.	0.5	5206.45	72.156	2.	4.	21.75	66.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	74	0.05	0.084	0.87	0.01	0.012	0.11	0.02	0.04	0.083	0.175
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	74	0.3	0.33	3.1	0.1	0.125	0.354	0.15	0.2	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	74	0.31	0.311	0.78	0.08	0.012	0.11	0.16	0.25	0.36	0.445
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	74	0.05	0.078	1.1	0.01	0.017	0.129	0.025	0.03	0.08	0.14
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	64	18.	17.734	27.	8.	17.151	4.141	11.5	15.	20.75	23.
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/14/85-08/14/85	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/87-06/25/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	64 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/14/85-08/14/85	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	64 ##	1.	2.141	10.	1.	6.123	2.474	1.	1.	1.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/85-08/14/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/14/85-08/14/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	64 ##	12.5	13.789	45.	12.5	24.998	5.	12.5	12.5	12.5	12.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	64	4.5	5.625	55.	1.	54.365	7.373	1.	2.25	6.	10.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/14/85-08/14/85	1	20.	20.	20.	0.	0.	**	**	**	**	
01045	IRON, TOTAL (UG/L AS FE)	09/25/91-12/12/94	36	685.	1148.889	7300.	210.	2061227.302	1435.697	257.	352.5	1175.	2930.
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	64 ##	5.	11.969	70.	5.	213.301	14.605	5.	5.	5.	30.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/14/85-08/14/85	1	37.	37.	37.	0.	0.	**	**	**	**	
01055	MANGANESE, TOTAL (UG/L AS MN)	11/25/91-12/12/94	33	54.	71.818	240.	22.	2090.466	45.722	33.	42.	87.	136.
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	64 ##	5.	12.281	50.	5.	164.174	12.813	5.	5.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/14/85-08/14/85	1	12.	12.	12.	0.	0.	**	**	**	**	
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	64 ##	10.5	18.734	260.	5.	1258.23	35.472	5.	5.	18.	30.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/14/85-08/14/85	1	130.	130.	130.	0.	0.	**	**	**	**	
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/18/85-12/12/94	45	380.	692.489	4800.	25.	1018079.256	1008.999	55.6	135.	665.	2080.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/14/85-08/14/85	1	17000.	17000.	17000.	0.	0.	**	**	**	**	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	73	480.	1605.24	37000.	0.5	20531713.862	4531.193	14.	55.	1250.	4660.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	73	2.681	2.455	4.568	-0.301	0.924	0.961	1.14	1.739	3.097	3.668
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			285.235								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/85-09/25/91	40 ##	0.005	0.01	0.04	0.005	0.	0.007	0.005	0.005	0.01	0.02
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	63 ##	0.1	0.146	1.2	0.1	0.032	0.179	0.1	0.1	0.1	0.22
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/14/85-08/14/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82243	ACIDITY, MINERAL (METHYLORANGE) ASCACO3 (FLDDATA) MG/L	09/30/88-09/30/88	1	30.	30.	30.	30.	0.	0.	**	**	**	**
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA MG/L	07/31/89-07/31/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0249

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	70	6	0.09	18	3	0.17	34	3	0.09	18	0	0.00	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	116	0	0.00	31	0	0.00	56	0	0.00	29	0	0.00
00400	PH	Other-Hi Lim.	9.	101	0	0.00	26	0	0.00	47	0	0.00	28	0	0.00
		Other-Lo Lim.	6.5	101	10	0.10	26	1	0.04	47	9	0.19	28	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	51	0	0.00	13	0	0.00	26	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	13	0	0.00	26	0	0.00	12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	74	0	0.00	19	0	0.00	37	0	0.00	18	0	0.00
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00	
		Drinking Water	250.	1	0	0.00						1	0	0.00	
01002	ARSENIC, TOTAL	Fresh Acute	360.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
		Drinking Water	50.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	51 &	0	0.00	13	0	0.00	25	0	0.00	13	0	0.00
		Drinking Water	5.	51 &	0	0.00	13	0	0.00	25	0	0.00	13	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	64	3	0.05	16	0	0.00	32	2	0.06	16	1	0.06
		Drinking Water	1300.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
		Drinking Water	15.	52 &	3	0.06	13	0	0.00	26	3	0.12	13	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
		Drinking Water	100.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	64	1	0.02	16	0	0.00	32	1	0.03	16	0	0.00
		Drinking Water	5000.	64	0	0.00	16	0	0.00	32	0	0.00	16	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	73	46	0.63	21	17	0.81	33	15	0.45	19	14	0.74
71900	MERCURY, TOTAL	Fresh Acute	2.4	63	0	0.00	16	0	0.00	31	0	0.00	16	0	0.00
		Drinking Water	2.	63	0	0.00	16	0	0.00	31	0	0.00	16	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	13	15.	13.308	24.	1.	53.856	7.339	2.2	6.5	19.	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	13	19.	16.615	28.	1.	104.09	10.202	1.	6.	25.5	28.
00032	CLOUD COVER (PERCENT)	13	75.	48.846	100.	0.	1896.474	43.549	0.	0.	90.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	13	0.	0.215	1.	0.	0.141	0.376	0.	0.	0.35	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12	71.	96.	254.	20.	6508.	80.672	20.9	35.75	124.5	253.1
00065	STAGE, STREAM (FEET)	12	1.56	1.633	2.24	1.26	0.109	0.33	1.266	1.375	1.793	2.237
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	13	52.	53.385	81.	38.	146.256	12.094	39.6	44.5	58.5	77.4
00300	OXYGEN, DISSOLVED MG/L	13	10.1	10.238	13.4	7.9	3.721	1.929	7.94	8.3	12.2	13.24
00400	PH (STANDARD UNITS)	12	7.	7.067	7.9	6.5	0.148	0.385	6.56	6.75	7.375	7.75
00400	CONVERTED PH (STANDARD UNITS)	12	7.	6.937	7.9	6.5	0.166	0.408	6.56	6.75	7.375	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.1	0.116	0.316	0.013	0.008	0.087	0.021	0.042	0.181	0.281
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	11	15.	14.364	19.	7.	12.455	3.529	7.6	13.	18.	18.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	13	8.	26.385	120.	2.	1293.59	35.967	2.	3.5	42.5	101.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12	0.05	0.074	0.29	0.01	0.006	0.078	0.013	0.02	0.108	0.239
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12	0.3	0.292	0.5	0.1	0.023	0.151	0.1	0.125	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12	0.28	0.287	0.44	0.13	0.01	0.098	0.136	0.225	0.368	0.437
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12	0.045	0.066	0.15	0.02	0.002	0.044	0.023	0.033	0.103	0.147
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	13	1200.	1920.385	7000.	35.	4625676.923	2150.739	61.	255.	3600.	6040.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	13	3.079	2.921	3.845	1.544	0.477	0.691	1.726	2.404	3.556	3.772
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	833.377								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	17.5	15.417	24.	4.	63.174	7.948	4.3	6.	22.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	21.5	19.75	34.	1.	137.477	11.725	1.9	8.	30.75	33.7
00032	CLOUD COVER (PERCENT)	11	50.	51.364	100.	0.	1195.455	34.575	0.	25.	75.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.292	2.	0.	0.372	0.61	0.	0.	0.25	1.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	13	46.	106.538	770.	6.	42559.436	206.299	6.4	9.	84.	543.2
00064	DEPTH OF STREAM, MEAN (FT)	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	13	1.43	1.563	3.51	1.1	0.415	0.644	1.104	1.145	1.615	2.934
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10	63.	60.1	80.	30.	326.767	18.077	30.4	46.	76.5	79.8
00300	OXYGEN, DISSOLVED MG/L	12	8.9	9.683	13.4	6.7	4.243	2.06	7.12	8.125	11.4	13.16
00400	PH (STANDARD UNITS)	8	7.05	7.163	8.4	6.5	0.411	0.641	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	8	7.025	6.89	8.4	6.5	0.496	0.704	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	0.094	0.129	0.316	0.004	0.013	0.115	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	7	18.	17.571	30.	9.	45.619	6.754	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	8.	69.545	640.	1.	36009.673	189.762	1.4	3.	27.	522.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.09	0.11	0.22	0.04	0.003	0.056	0.04	0.065	0.15	0.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.3	0.589	3.1	0.2	0.894	0.945	0.2	0.2	0.4	3.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	9	0.28	0.273	0.51	0.08	0.015	0.121	0.08	0.18	0.325	0.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	0.06	0.189	1.1	0.03	0.118	0.344	0.03	0.05	0.125	1.1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	1300.	2423.333	7000.	230.	6180550.	2486.071	230.	540.	4900.	7000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	3.114	3.142	3.845	2.362	0.265	0.515	2.362	2.712	3.69	3.845
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C		GEOMETRIC MEAN =	1387.955								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	11	25.	23.182	30.	15.	21.364	4.622	16.	20.	25.	30.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	11	12.	12.818	26.	4.	57.164	7.561	4.2	6.	20.	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	10	11.	14.8	31.	0.	121.733	11.033	0.5	5.75	24.75	30.9
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	11	100.	61.818	100.	0.	2136.364	46.221	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	11	5.	4.	7.	0.	7.2	2.683	0.	0.	5.	7.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	11	0.	0.028	0.2	0.	0.004	0.064	0.	0.	0.005	0.18
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	9	63.	111.889	303.	12.	10133.361	100.665	12.	34.	203.	303.
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	11	1.5	1.455	2.	1.	0.173	0.416	1.	1.	2.	2.
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	9	1.52	1.663	2.38	1.16	0.168	0.41	1.16	1.335	2.04	2.38
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	11	64.	55.455	88.	25.	410.673	20.265	25.8	35.	70.	84.4
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	11	9.8	10.027	12.4	7.5	2.774	1.666	7.68	8.5	11.7	12.36
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	7	7.1	7.114	7.4	6.9	0.028	0.168	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	7	7.1	7.088	7.4	6.9	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	7	0.079	0.082	0.126	0.04	0.001	0.029	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	7	18.	18.	23.	11.	18.	4.243	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	6	7.5	17.	67.	2.	619.2	24.884	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	4	0.055	0.085	0.19	0.04	0.005	0.07	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	4	0.35	0.325	0.4	0.2	0.009	0.096	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	4	0.29	0.295	0.4	0.2	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	4	0.065	0.075	0.14	0.03	0.002	0.047	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	2	785.	785.	810.	760.	1250.	35.355	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	2	2.895	2.895	2.908	2.881	0.	0.02	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			784.602								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	12	20.	19.167	25.	15.	8.333	2.887	15.	16.25	20.	23.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	13.	13.583	28.	2.	64.083	8.005	2.9	6.	21.	26.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	18.	17.25	36.	0.	84.023	9.166	1.8	13.25	22.25	32.7
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	12	40.	45.	100.	0.	1718.182	41.451	0.	0.	95.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	11	5.	5.	10.	0.	10.	3.162	0.	5.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	12	0.	0.021	0.2	0.	0.003	0.058	0.	0.	0.	0.155
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	5	20.	20.	33.	9.	81.	9.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	12	1.75	1.583	2.	1.	0.22	0.469	1.	1.	2.	2.
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	6	1.225	1.215	1.3	1.1	0.005	0.072	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	9	74.	76.778	100.	50.	283.194	16.828	50.	63.	92.	100.
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	12	9.1	9.733	12.4	6.8	3.526	1.878	7.13	8.45	11.85	12.37
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.	7.073	7.9	6.7	0.106	0.326	6.72	6.9	7.2	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.	6.992	7.9	6.7	0.113	0.337	6.72	6.9	7.2	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	11	0.1	0.102	0.2	0.013	0.003	0.053	0.02	0.063	0.126	0.191
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	8	19.5	20.5	30.	9.	54.286	7.368	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	11	4.	6.955	24.	0.5	53.223	7.295	0.8	3.	7.	22.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	4	0.065	0.1	0.25	0.02	0.011	0.103	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	4	0.35	0.35	0.5	0.2	0.017	0.129	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	4	0.34	0.31	0.45	0.11	0.02	0.143	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	4	0.07	0.065	0.09	0.03	0.001	0.025	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	10	325.	4507.5	37000.	5.	132969840.278	11531.255	10.5	75.	2100.	33840.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	10	2.511	2.58	4.568	0.699	1.143	1.069	0.807	1.872	3.183	4.485
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			380.541								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	10	17.5	17.5	20.	15.	6.944	2.635	15.	15.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	13	16.	14.615	23.	4.	47.59	6.899	4.4	9.	21.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	18.	17.833	29.	4.	66.879	8.178	4.	14.	24.75	28.1
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	13	60.	58.846	100.	0.	1883.974	43.405	0.	12.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	13	5.	4.231	10.	0.	16.026	4.003	0.	0.	7.5	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	13	0.05	0.301	1.5	0.	0.294	0.542	0.	0.	0.275	1.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	13	145.	184.692	510.	39.	19662.897	140.224	47.8	80.5	270.	458.4
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	13	1.5	1.731	3.	1.	0.651	0.807	1.	1.	2.5	3.
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	13	1.87	1.957	2.93	1.36	0.212	0.46	1.42	1.605	2.275	2.802
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	10	57.	71.2	200.	45.	2143.956	46.303	45.	51.	65.	188.
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	13	9.2	9.538	12.1	7.7	2.479	1.575	7.86	8.15	11.2	11.98
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.1	7.212	8.4	6.8	0.196	0.443	6.8	6.9	7.4	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.1	7.086	8.4	6.8	0.214	0.462	6.8	6.9	7.4	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	11	0.079	0.082	0.158	0.004	0.002	0.049	0.011	0.04	0.126	0.158
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	9	15.	16.444	27.	8.	34.028	5.833	8.	13.	20.5	27.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	6	11.5	46.667	180.	3.	4837.067	69.549	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	5	0.04	0.074	0.23	0.02	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	5	0.2	0.28	0.7	0.1	0.057	0.239	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	5	0.29	0.29	0.34	0.23	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	5	0.03	0.076	0.29	0.01	0.014	0.12	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	1	1.653	1.653	1.653	1.653	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			45.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	10	20.	18.7	25.	2.	36.9	6.075	3.8	20.	20.	24.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	16.	14.833	24.	4.	48.333	6.952	4.6	8.25	21.75	23.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	11	25.	21.091	33.	7.	81.291	9.016	7.	10.	28.	32.
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	12	50.	54.167	100.	0.	1458.333	38.188	0.	12.5	93.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	12	5.	6.25	10.	5.	5.114	2.261	5.	5.	8.75	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	12	0.	0.088	0.5	0.	0.037	0.193	0.	0.	0.038	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	12	115.	132.75	251.	55.	4974.386	70.529	56.2	66.	196.25	244.7
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	12	1.5	2.667	15.	0.5	15.515	3.939	0.65	1.	2.	11.4
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	12	1.755	1.8	2.23	1.48	0.073	0.271	1.486	1.535	2.048	2.209
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	8	55.5	49.625	60.	17.	221.982	14.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	12	9.65	9.95	12.9	7.5	3.521	1.876	7.59	7.95	11.9	12.69
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.2	6.982	7.4	5.6	0.274	0.523	5.78	6.9	7.3	7.38
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	11	7.2	6.504	7.4	5.6	0.525	0.725	5.78	6.9	7.3	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	11	0.063	0.314	2.512	0.04	0.538	0.733	0.042	0.05	0.126	2.073
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	9	17.	17.	20.	15.	2.75	1.658	15.	15.5	18.	20.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	4	28.	33.	69.	7.	914.667	30.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	4	0.035	0.08	0.24	0.01	0.012	0.108	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	4	0.35	0.425	0.8	0.2	0.069	0.263	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	4	0.35	0.36	0.48	0.26	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	4	0.05	0.068	0.14	0.03	0.002	0.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	8	40.	37.5	60.	20.	135.714	11.65	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	8	17.	14.25	25.	3.	75.071	8.664	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	8	20.	16.125	24.	5.	74.125	8.61	**	**	**
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	7	50.	47.857	100.	0.	1748.81	41.819	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	7	10.	8.571	15.	0.	45.619	6.754	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	5	0.2	0.34	1.	0.	0.178	0.422	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	10	100.	115.1	283.	46.	5321.433	72.948	47.1	57.	152.75
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	8	1.	1.063	1.5	1.	0.031	0.177	**	**	**
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	10	1.665	1.706	2.33	1.37	0.089	0.299	1.376	1.453	1.898
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	7	65.	60.143	77.	35.	285.476	16.896	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	8	9.15	9.375	11.6	7.3	3.102	1.761	**	**	**
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	7	7.1	7.086	7.4	6.5	0.091	0.302	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	7	7.1	6.978	7.4	6.5	0.105	0.324	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	7	0.079	0.105	0.316	0.04	0.009	0.096	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	7	20.	17.857	22.	11.	17.81	4.22	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	4	6.5	8.25	16.	4.	32.25	5.679	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	4	0.055	0.053	0.06	0.04	0.	0.01	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	4	0.25	0.275	0.4	0.2	0.009	0.096	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	4	0.37	0.377	0.48	0.29	0.006	0.078	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	4	0.055	0.075	0.17	0.02	0.005	0.069	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	3	590.	1813.333	4700.	150.	6298033.333	2509.588	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	3	2.771	2.873	3.672	2.176	0.567	0.753	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			746.472							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	12	40.	40.	40.	40.	0.	0.	40.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	11.5	13.	22.	5.	36.545	6.045	5.3	7.5	19.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	12	17.	18.5	32.	7.	69.545	8.339	7.3	13.	27.
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	11	30.	43.636	100.	0.	1815.455	42.608	0.	5.	95.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	5	5.	8.	20.	0.	57.5	7.583	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	8	0.15	0.2	0.5	0.	0.046	0.214	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	13	215.	548.615	4580.	55.	1499937.59	1224.719	58.2	85.	289.5
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	12	1.	1.	1.	1.	0.	0.	1.	1.	1.
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	13	2.11	2.162	3.63	1.48	0.47	0.686	1.496	1.625	2.35
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	12	49.	51.833	69.	33.	124.879	11.175	34.8	43.25	62.5
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	12	9.2	9.283	11.1	7.8	1.086	1.086	7.8	8.425	10.3
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	12	6.6	6.658	7.4	6.2	0.112	0.334	6.23	6.4	6.875
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	12	6.6	6.56	7.4	6.2	0.122	0.35	6.23	6.4	6.875
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	12	0.251	0.275	0.631	0.04	0.031	0.175	0.058	0.134	0.398
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	12	12.	12.25	20.	5.	21.841	4.673	5.3	8.5	15.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	12	9.5	14.625	59.	0.5	266.233	16.317	0.95	5.75	20.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	12	0.045	0.116	0.87	0.03	0.057	0.238	0.03	0.04	0.065
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	12	0.2	0.217	0.4	0.1	0.007	0.083	0.1	0.2	0.275
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	12	0.3	0.3	0.37	0.23	0.003	0.052	0.23	0.253	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	12	0.03	0.045	0.09	0.02	0.001	0.024	0.02	0.03	0.07
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	12	185.	333.833	1000.	10.	121796.697	348.994	14.2	34.	610.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	12	2.266	2.154	3.	1.	0.475	0.689	1.114	1.529	2.784
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			142.693							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11	40.	40.	40.	40.	0.	0.	40.	40.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	11.	13.364	24.	4.	50.255	7.089	4.4	8.	20.	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	19.	21.182	35.	10.	62.164	7.884	10.2	15.	26.	34.
00032	CLOUD COVER (PERCENT)	11	50.	47.727	100.	0.	966.818	31.094	0.	40.	50.	99.
00035	WIND VELOCITY (MILES PER HOUR)	6	1.5	1.833	5.	0.	4.567	2.137	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11	0.2	0.336	1.	0.	0.155	0.393	0.	0.	0.5	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	9	156.	232.333	518.	36.	38819.5	197.027	36.	41.	440.	518.
00064	DEPTH OF STREAM, MEAN (FT)	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00065	STAGE, STREAM (FEET)	9	1.91	2.069	2.95	1.34	0.438	0.662	1.34	1.38	2.76	2.95
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11	61.	58.364	77.	37.	198.255	14.08	37.2	46.	72.	76.
00300	OXYGEN, DISSOLVED MG/L	11	9.3	9.418	11.2	8.3	0.634	0.796	8.38	8.8	9.9	10.98
00400	PH (STANDARD UNITS)	11	6.9	6.973	7.3	6.6	0.056	0.237	6.64	6.8	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	11	6.9	6.916	7.3	6.6	0.06	0.244	6.64	6.8	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.126	0.121	0.251	0.05	0.004	0.063	0.05	0.063	0.158	0.233
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	10	14.5	15.9	26.	8.	36.767	6.064	8.2	10.	20.75	25.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	9.	20.364	82.	2.	603.455	24.565	2.2	4.	38.	73.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	0.04	0.042	0.06	0.02	0.	0.013	0.022	0.03	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11	0.3	0.318	0.6	0.2	0.02	0.14	0.2	0.2	0.4	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11	0.31	0.359	0.78	0.14	0.03	0.174	0.162	0.25	0.36	0.738
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.05	0.066	0.13	0.03	0.001	0.036	0.03	0.04	0.08	0.13
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	160.	378.455	1800.	5.	300593.873	548.264	6.4	26.	600.	1612.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.204	2.037	3.255	0.699	0.689	0.83	0.775	1.415	2.778	3.191
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	11	40.	40.	40.	40.	0.	0.	40.	40.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	14.	14.182	23.	3.	37.364	6.113	3.8	9.	18.	22.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11	25.	21.273	31.	8.	59.818	7.734	8.4	14.	27.	30.4
00032	CLOUD COVER (PERCENT)	11	50.	41.818	90.	0.	1251.364	35.375	1.	5.	80.	90.
00035	WIND VELOCITY (MILES PER HOUR)	10	3.	2.	5.	0.	3.333	1.826	0.	0.	3.	4.8
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11	0.	0.182	1.	0.	0.098	0.312	0.	0.	0.2	0.9
00064	DEPTH OF STREAM, MEAN (FT)	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11	55.	58.545	89.	30.	415.873	20.393	30.6	46.	79.	87.8
00300	OXYGEN, DISSOLVED MG/L	11	9.6	9.545	11.4	8.	1.289	1.135	8.04	8.4	10.1	11.38
00400	PH (STANDARD UNITS)	10	6.7	6.89	7.5	6.5	0.145	0.381	6.51	6.6	7.325	7.49
00400	CONVERTED PH (STANDARD UNITS)	10	6.689	6.769	7.5	6.5	0.162	0.402	6.51	6.6	7.325	7.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.205	0.17	0.316	0.032	0.011	0.107	0.032	0.048	0.251	0.31
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	7.	21.591	140.	0.5	1619.341	40.241	1.	5.	21.	118.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.08	0.09	0.16	0.05	0.002	0.045	0.05	0.05	0.14	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.3	0.289	0.4	0.1	0.011	0.105	0.1	0.2	0.4	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	9	0.33	0.303	0.48	0.14	0.015	0.122	0.14	0.16	0.395	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	0.05	0.056	0.14	0.01	0.001	0.037	0.01	0.03	0.07	0.14
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	190.	918.864	4600.	0.5	2049516.705	1431.613	1.2	17.	1700.	4120.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11	2.279	2.077	3.663	-0.301	1.576	1.255	-0.12	1.23	3.23	3.599
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			GEOMETRIC MEAN =								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	24	32.5	31.042	60.	15.	136.911	11.701	20.	20.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	31	22.	21.274	28.	15.	9.164	3.027	16.	20.	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	31	26.	26.323	36.	15.	20.426	4.519	21.2	23.	30.	31.8
00032	CLOUD COVER (PERCENT)	30	50.	55.667	100.	0.	1120.23	33.47	0.5	27.5	82.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	19	5.	4.895	15.	0.	25.655	5.065	0.	0.	10.	15.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	29	0.2	0.288	1.5	0.	0.156	0.395	0.	0.	0.5	1.
00061	FLOW, STREAM, INSTANTANEOUS CFS	28	50.5	76.893	510.	6.	12209.877	110.498	7.	20.75	86.75	154.2
00064	DEPTH OF STREAM, MEAN (FT)	24	1.	1.25	2.5	0.5	0.283	0.532	1.	1.	1.375	2.25
00065	STAGE, STREAM (FEET)	28	1.425	1.493	2.93	1.1	0.171	0.413	1.109	1.238	1.613	1.89
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	18	7.35	18.911	90.	0.3	563.918	23.747	2.28	4.1	31.5	54.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	29	70.	68.724	100.	40.	197.135	14.04	48.	59.	77.5	83.
00300	OXYGEN, DISSOLVED MG/L	31	8.4	8.297	10.2	6.7	0.559	0.748	7.5	7.8	8.9	9.2
00400	PH (STANDARD UNITS)	26	7.15	7.162	8.4	6.3	0.149	0.386	6.6	7.05	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	26	7.147	7.005	8.4	6.3	0.174	0.417	6.6	7.05	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	26	0.071	0.099	0.501	0.004	0.011	0.103	0.04	0.04	0.091	0.251
00403	PH, LAB, STANDARD UNITS SU	13	7.2	7.185	7.4	7.	0.015	0.121	7.	7.1	7.3	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	13	7.2	7.169	7.4	7.	0.015	0.123	7.	7.1	7.3	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	13	0.063	0.068	0.1	0.04	0.	0.019	0.044	0.05	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	13	22.	20.231	24.	12.	18.859	4.343	12.4	16.5	23.	24.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	21	20.	20.143	30.	11.	19.229	4.385	13.4	18.	23.	26.4
00500	RESIDUE, TOTAL (MG/L)	13	100.	106.077	210.	56.	1917.91	43.794	58.	69.5	135.	186.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	23	8.	22.609	120.	2.	900.885	30.015	3.	5.	27.	68.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	19	0.05	0.061	0.24	0.01	0.003	0.055	0.02	0.03	0.08	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	19	0.3	0.326	0.8	0.1	0.028	0.166	0.1	0.2	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	19	0.31	0.301	0.48	0.15	0.007	0.082	0.18	0.24	0.34	0.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	19	0.05	0.069	0.15	0.02	0.002	0.042	0.03	0.03	0.1	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	16	21.	21.	27.	14.	12.267	3.502	15.4	18.25	23.75	25.6
01002	ARSENIC, TOTAL (UG/L AS AS)	16###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	16###	1.	2.063	10.	1.	6.329	2.516	1.	1.	1.	6.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	16###	12.5	13.281	25.	12.5	9.766	3.125	12.5	12.5	12.5	16.25
01042	COPPER, TOTAL (UG/L AS CU)	16###	4.5	4.25	10.	1.	8.467	2.91	1.	1.	6.5	8.6
01051	LEAD, TOTAL (UG/L AS PB)	16###	5.	10.313	50.	5.	158.229	12.579	5.	5.	5.	32.5
01067	NICKEL, TOTAL (UG/L AS NI)	16###	5.	11.563	50.	5.	169.063	13.002	5.	5.	20.	32.5
01092	ZINC, TOTAL (UG/L AS ZN)	16###	5.	11.563	38.	5.	93.863	9.688	5.	5.	18.	28.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	13	200.	483.692	3200.	72.	705144.397	839.729	73.2	120.5	390.	2244.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	21	1300.	3638.571	37000.	10.	62702052.857	7918.463	64.	415.	4650.	6680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	21	3.114	3.002	4.568	1.	0.652	0.807	1.722	2.57	3.667	3.823
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			1004.376								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10###	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
71900	MERCURY, TOTAL (UG/L AS HG)	16###	0.1	0.125	0.3	0.1	0.005	0.068	0.1	0.1	0.1	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	40	30.	29.8	40.	2.	116.215	10.78	15.5	20.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	56	8.	7.946	18.	1.	16.161	4.02	3.7	5.	10.75	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	54	10.	11.111	25.	0.	46.176	6.795	1.5	6.	16.5	21.
00032	CLOUD COVER (PERCENT)	55	30.	42.091	100.	0.	1854.343	43.062	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	36	5.	4.944	20.	0.	17.14	4.14	0.	3.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	52	0.	0.152	2.	0.	0.154	0.392	0.	0.	0.088	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	42	127.5	280.857	4580.	15.	491000.174	700.714	39.6	57.	242.	483.8
00064	DEPTH OF STREAM, MEAN (FT)	45	1.	1.722	15.	1.	4.438	2.107	1.	1.	2.	2.4
00065	STAGE, STREAM (FEET)	43	1.8	1.924	3.63	1.17	0.358	0.598	1.306	1.49	2.19	2.838
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	34	4.75	19.765	220.	1.4	1673.927	40.914	2.	2.375	20.75	53.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	47	52.	55.213	200.	17.	694.302	26.35	32.4	42.	63.	72.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	56	11.05	10.889	13.4	8.1	1.89	1.375	9.07	9.8	12.175	12.46
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	47	6.9	6.89	7.9	5.6	0.17	0.412	6.48	6.6	7.13	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	47	6.9	6.671	7.9	5.6	0.218	0.467	6.48	6.6	7.13	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	47	0.126	0.213	2.512	0.013	0.133	0.364	0.04	0.074	0.251	0.333
00403	PH, LAB, STANDARD UNITS SU	01/10/85-12/12/94	26	7.	7.062	8.	6.7	0.09	0.299	6.8	6.9	7.125	7.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/85-12/12/94	26	7.	6.994	8.	6.7	0.094	0.307	6.8	6.9	7.125	7.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-12/12/94	26	0.1	0.101	0.2	0.01	0.002	0.045	0.039	0.075	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/85-04/30/91	24	15.	15.625	29.	9.	23.897	4.888	10.5	12.25	18.	24.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	34	14.	14.853	30.	5.	34.311	5.858	7.5	11.75	16.5	24.5
00500	RESIDUE, TOTAL (MG/L)	01/10/85-04/30/91	24	61.	104.75	720.	37.	20699.935	143.875	45.	54.25	83.75	235.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	43	6.	35.733	640.	0.5	10243.73	101.211	2.	4.	30.	76.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	37	0.06	0.104	0.87	0.01	0.022	0.148	0.02	0.04	0.12	0.234
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	37	0.2	0.357	3.1	0.1	0.232	0.482	0.18	0.2	0.4	0.52
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	37	0.3	0.312	0.78	0.08	0.019	0.139	0.138	0.23	0.365	0.486
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	37	0.06	0.092	1.1	0.01	0.032	0.178	0.02	0.03	0.08	0.14
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	33	18.	16.818	23.	8.	13.841	3.72	10.	15.	18.5	22.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	32 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	32 ##	1.	2.219	10.	1.	6.305	2.511	1.	1.	1.75	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	32 ##	12.5	14.297	45.	12.5	40.82	6.389	12.5	12.5	12.5	21.25
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	32	4.5	6.406	55.	1.	91.926	9.588	1.	2.25	6.	10.
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	32 ##	5.	13.625	70.	5.	274.694	16.574	5.	5.	22.75	45.5
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	32 ##	5.	12.813	50.	5.	170.867	13.072	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	32	11.5	25.688	260.	5.	2378.286	48.768	5.	5.	20.5	77.1
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/18/85-12/12/94	23	400.	909.478	4800.	25.	1520237.897	1232.979	35.8	100.	1200.	2980.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	33	180.	662.591	7000.	0.5	2105167.491	1450.92	5.	29.	670.	1560.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	33	2.255	2.072	3.845	-0.301	0.932	0.966	0.699	1.46	2.826	3.185
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			118.057								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/85-09/25/91	19 ##	0.005	0.012	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.02
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	31 ##	0.1	0.106	0.3	0.1	0.001	0.036	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/31/86-01/05/95	23	20.	27.391	40.	15.	117.885	10.858	15.	20.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/85-01/05/95	29	17.	17.259	25.	8.	20.797	4.56	11.	13.5	21.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/10/85-01/05/95	28	24.	23.5	34.	11.	37.37	6.113	13.9	19.	27.5	33.
00032	CLOUD COVER (PERCENT)	01/10/85-01/05/95	28	50.	58.929	100.	0.	1187.698	34.463	4.5	32.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/13/87-01/05/95	21	5.	4.476	10.	0.	11.562	3.4	0.	1.5	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/10/85-01/05/95	28	0.	0.163	1.	0.	0.082	0.286	0.	0.	0.2	0.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-09/10/93	26	127.5	156.269	476.	11.	11867.165	108.937	40.7	70.5	223.25	310.2
00064	DEPTH OF STREAM, MEAN (FT)	12/31/86-01/05/95	23	1.	1.174	2.	1.	0.105	0.324	1.	1.	1.5	1.8
00065	STAGE, STREAM (FEET)	01/15/85-09/10/93	26	1.805	1.864	2.85	1.17	0.154	0.393	1.402	1.558	2.138	2.413
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	18	3.8	5.433	25.	0.5	28.334	5.323	1.94	3.	6.05	11.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/10/85-01/05/95	27	55.	55.111	90.	25.	245.41	15.666	37.8	42.	61.	82.6
00300	OXYGEN, DISSOLVED MG/L	01/10/85-01/05/95	29	9.1	8.972	10.8	7.3	0.761	0.873	7.9	8.2	9.55	10.1
00400	PH (STANDARD UNITS)	01/10/85-01/05/95	28	7.	7.082	8.4	6.6	0.14	0.374	6.69	6.8	7.3	7.43
00400	CONVERTED PH (STANDARD UNITS)	01/10/85-01/05/95	28	7.	6.971	8.4	6.6	0.153	0.391	6.69	6.8	7.3	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-01/05/95	28	0.1	0.107	0.251	0.004	0.004	0.066	0.038	0.05	0.158	0.205
00403	PH, LAB, STANDARD UNITS SU	01/10/85-12/12/94	12	7.05	7.1	7.9	6.8	0.095	0.307	6.8	6.825	7.2	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	01/10/85-12/12/94	12	7.047	7.025	7.9	6.8	0.101	0.317	6.8	6.825	7.2	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/85-12/12/94	12	0.09	0.094	0.158	0.013	0.002	0.048	0.024	0.063	0.15	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/10/85-04/30/91	12	17.	16.25	22.	9.	16.932	4.115	9.3	12.75	19.5	21.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/10/85-10/29/93	25	16.	15.	21.	8.	14.667	3.83	9.2	11.5	18.	19.2
00500	RESIDUE, TOTAL (MG/L)	01/10/85-04/30/91	15	62.	66.933	110.	39.	357.495	18.908	43.8	55.	76.	103.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/10/85-01/05/95	24	9.	13.167	73.	1.	219.101	14.802	2.5	4.	17.5	26.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/85-12/12/94	18	0.05	0.066	0.16	0.02	0.001	0.036	0.038	0.048	0.078	0.124
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/15/85-12/12/94	18	0.25	0.278	0.5	0.1	0.014	0.117	0.1	0.2	0.4	0.41
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/85-12/12/94	18	0.33	0.318	0.44	0.18	0.004	0.061	0.243	0.26	0.36	0.386
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/85-12/12/94	18	0.05	0.059	0.17	0.03	0.002	0.04	0.03	0.03	0.073	0.143
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	15	16.	16.267	23.	11.	15.924	3.99	11.	12.	20.	22.4
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	16 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	16 ##	1.	2.063	10.	1.	6.329	2.516	1.	1.	1.	6.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	16 ##	12.5	13.281	25.	12.5	9.766	3.125	12.5	12.5	12.5	16.25
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	16	4.5	5.438	22.	1.	26.529	5.151	1.	3.	5.	13.6
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	16 ##	5.	10.313	50.	5.	158.229	12.579	5.	5.	5.	32.5
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	16 ##	5.	11.938	50.	5.	166.063	12.887	5.	5.	21.5	32.5
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	16 ##	10.5	12.	34.	5.	69.2	8.319	5.	5.	16.5	24.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/18/85-12/12/94	9	400.	439.556	970.	56.	82881.778	287.892	56.	220.	665.	970.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	19	500.	995.105	4600.	4.	1869855.877	1367.427	12.	76.	1000.	3800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/10/85-01/05/95	19	2.699	2.516	3.663	0.602	0.692	0.832	1.079	1.881	3.	3.58
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			328.371								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/85-09/25/91	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	16 ##	0.1	0.244	1.2	0.1	0.112	0.335	0.1	0.1	0.1	0.99

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0250

NPS Station ID: BLRI0250
 Location: LAKE JULIAN NR DAM NR SKYLAND NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105060400.42
 Description:

LAT/LON: 35.475560/ -82.545004

Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.42

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2722020 /FRBLJ6BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 6.50
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0250

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0251

NPS Station ID: BLRI0251 LAT/LON: 35.481392/ -82.557781
 Location: FRENCH BROAD R @ NC HWY 280 NR SKYLAND NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105026 RF1 Mile Point: 9.770
 RF3 Index: 06010105007802.21 RF3 Mile Point: 2.21
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2730000 /FRB029K /03447840
 Within Park Boundary: No

Date Created: 09/29/84

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 19.20
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	86	250.	231.395	550.	100.	7061.56	84.033	135.	150.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	113	14.	14.093	25.	2.	40.047	6.328	5.	9.	20.	22.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	112	20.	18.844	35.	0.	81.933	9.052	5.3	12.25	26.	29.
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	111	50.	45.676	100.	0.	1368.403	36.992	0.	10.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	73	5.	4.918	25.	0.	18.438	4.294	0.	3.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	103	0.	0.193	2.	0.	0.176	0.42	0.	0.	0.2	0.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/15/85-10/20/86	21	873.	895.429	1810.	449.	111533.157	333.966	508.8	591.	1100.	1328.
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	89	3.	2.966	4.	2.	0.056	0.236	3.	3.	3.	3.
00065	STAGE, STREAM (FEET)	01/15/85-08/15/91	28	2.86	3.05	5.05	2.45	0.38	0.616	2.507	2.583	3.193	3.988
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	97	9.2	18.237	280.	2.5	1409.051	37.537	4.2	5.3	16.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	103	51.	55.544	114.	10.	407.015	20.175	34.4	42.	67.	85.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/86-02/07/90	7	39.	51.	91.	32.	504.	22.45	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	111	9.1	9.228	12.7	6.7	1.686	1.299	7.72	8.2	9.9	11.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/22/85-09/11/85	6	83.	85.833	98.	78.	62.167	7.885	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/85-12/28/90	32	1.55	1.872	6.9	0.8	1.527	1.236	0.9	1.2	1.9	3.28
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	101	7.	6.959	8.5	5.6	0.215	0.463	6.4	6.8	7.2	7.38
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	101	7.	6.657	8.5	5.6	0.306	0.553	6.4	6.8	7.2	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	101	0.1	0.22	2.512	0.003	0.178	0.422	0.042	0.063	0.158	0.398
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	53	7.1	7.108	8.	6.7	0.079	0.281	6.8	6.9	7.25	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	53	7.1	7.031	8.	6.7	0.085	0.292	6.8	6.9	7.25	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	53	0.079	0.093	0.2	0.01	0.003	0.051	0.032	0.057	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	52	17.	18.192	31.	10.	26.747	5.172	12.	14.	22.	24.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	82	19.	18.902	54.	3.	64.805	8.05	10.3	13.	22.	28.
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	110	76.5	94.373	800.	22.	10384.474	101.904	54.1	59.	95.25	129.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	113	16.	36.841	730.	3.	9300.189	96.437	5.	8.	29.5	68.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/85-12/12/94	51	0.06	0.06	0.12	0.005	0.001	0.028	0.022	0.04	0.08	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/85-12/12/94	51	0.3	0.296	0.7	0.1	0.014	0.117	0.2	0.2	0.4	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/85-12/12/94	51	0.39	0.395	0.63	0.21	0.006	0.077	0.294	0.34	0.43	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/85-12/12/94	51	0.07	0.085	0.32	0.03	0.002	0.044	0.05	0.06	0.1	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	62	12.	12.581	26.	7.	12.969	3.601	9.	10.	14.	16.7
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/91-01/05/95	38	2.	2.316	5.	1.	0.708	0.842	1.	2.	3.	3.1
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	62###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	62###	1.	2.097	10.	1.	6.187	2.487	1.	1.	1.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	62###	12.5	13.306	25.	12.5	9.585	3.096	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	62	5.	10.194	300.	1.	1414.716	37.613	1.	3.	7.	10.
01045	IRON, TOTAL (UG/L AS FE)	09/16/91-12/12/94	36	615.	979.167	5900.	240.	1072533.571	1035.632	297.	355.	1175.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	62###	5.	11.29	65.	5.	199.127	14.111	5.	5.	5.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	09/16/91-12/12/94	36	27.	30.583	99.	11.	318.079	17.835	15.7	19.25	35.75	50.2

** - Less than 9 observations ### - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	62##	5.	12.21	50.	5.	166.004	12.884	5.	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	62##	5.	10.387	95.	5.	181.061	13.456	5.	5.	10.	24.4
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-12/12/94	45	650.	1759.556	23000.	50.	14483240.707	3805.685	206.	360.	1550.	2780.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	09/16/91-01/05/95	38	1300.	14148.316	450000.	30.	5287944722.925	72718.256	138.	265.	2950.	6330.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	09/16/91-01/05/95	38	3.114	3.051	5.653	1.477	0.6	0.775	2.139	2.423	3.468	3.801
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	09/16/91-01/05/95	38	3.114	3.051	5.653	1.477	0.6	0.775	2.139	2.423	3.468	3.801
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	69	210.	789.645	19000.	0.5	6710796.589	2590.521	6.	57.	405.	1600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	69	2.322	2.122	4.279	-0.301	0.857	0.926	0.778	1.753	2.607	3.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	69	2.322	2.122	4.279	-0.301	0.857	0.926	0.778	1.753	2.607	3.204
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/28/85-09/16/91	16	0.02	0.021	0.04	0.005	0.	0.011	0.005	0.01	0.03	0.033
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	62##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0251

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	97	5	0.05	24	1	0.04	48	2	0.04	25	2	0.08
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	111	0	0.00	28	0	0.00	55	0	0.00	28	0	0.00
00400	PH	Other-Hi Lim.	9.	101	0	0.00	26	0	0.00	48	0	0.00	27	0	0.00
		Other-Lo Lim.	6.5	101	15	0.15	26	2	0.08	48	10	0.21	27	3	0.11
00403	PH, LAB	Other-Hi Lim.	9.	53	0	0.00	10	0	0.00	28	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	53	0	0.00	10	0	0.00	28	0	0.00	15	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	51	0	0.00	14	0	0.00	24	0	0.00	13	0	0.00
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	38	0	0.00	10	0	0.00	19	0	0.00	9	0	0.00
		Drinking Water	250.	38	0	0.00	10	0	0.00	19	0	0.00	9	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
		Drinking Water	50.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	50 &	0	0.00	13	0	0.00	25	0	0.00	12	0	0.00
		Drinking Water	5.	50 &	0	0.00	13	0	0.00	25	0	0.00	12	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	62	2	0.03	16	1	0.06	31	1	0.03	15	0	0.00
		Drinking Water	1300.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
		Drinking Water	15.	51 &	2	0.04	13	0	0.00	26	1	0.04	12	1	0.08
01067	NICKEL, TOTAL	Fresh Acute	1400.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
		Drinking Water	100.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
		Drinking Water	5000.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	38	23	0.61	10	9	0.90	19	10	0.53	9	4	0.44
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	69	36	0.52	18	13	0.72	32	16	0.50	19	7	0.37
71900	MERCURY, TOTAL	Fresh Acute	2.4	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00
		Drinking Water	2.	62	0	0.00	16	0	0.00	31	0	0.00	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	15.75	14.458	22.	2.	47.339	6.88	2.6	9.5	20.75	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	18.	14.708	28.	0.5	96.93	9.845	0.95	4.5	22.	27.4
00032	CLOUD COVER (PERCENT)	12	0.	31.25	100.	0.	1918.75	43.804	0.	0.	85.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.143	1.5	0.	0.184	0.429	0.	0.	0.078	1.08
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	4	7.75	8.25	13.	4.5	19.417	4.406	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12	77.5	77.667	114.	30.	550.788	23.469	36.	64.75	92.75	112.8
00300	OXYGEN, DISSOLVED MG/L	12	9.1	9.217	12.5	7.	3.28	1.811	7.06	7.425	9.975	12.41
00400	PH (STANDARD UNITS)	11	7.	7.009	7.3	6.8	0.035	0.187	6.8	6.8	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	11	7.	6.975	7.3	6.8	0.036	0.19	6.8	6.8	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.1	0.106	0.158	0.05	0.002	0.041	0.05	0.063	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	12	7.15	7.142	7.5	6.8	0.035	0.188	6.83	7.025	7.275	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	12	7.147	7.104	7.5	6.8	0.037	0.192	6.83	7.025	7.275	7.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.071	0.079	0.158	0.032	0.001	0.035	0.037	0.053	0.095	0.149
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	19.5	20.083	26.	15.	13.538	3.679	15.3	17.	23.5	25.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	11	20.	20.636	28.	13.	14.855	3.854	14.2	19.	24.	27.2
00500	RESIDUE, TOTAL (MG/L)	12	92.	90.917	130.	42.	540.811	23.255	48.6	80.75	100.	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	17.	23.25	69.	4.	355.841	18.864	4.9	9.25	28.75	62.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12	310.	2795.	19000.	80.	33635863.636	5799.643	92.	200.	1600.	16270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12	2.489	2.756	4.279	1.903	0.55	0.742	1.956	2.299	3.191	4.194
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		GEOMETRIC MEAN =		570.28							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	16.	15.25	24.	3.	41.841	6.468	4.5	11.	20.75	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	22.5	19.417	35.	5.	76.447	8.743	5.6	11.	24.	32.3
00032	CLOUD COVER (PERCENT)	12	25.	35.833	100.	0.	1571.97	39.648	0.	0.	72.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.217	2.	0.	0.325	0.57	0.	0.	0.163	1.49
00064	DEPTH OF STREAM, MEAN (FT)	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	5	3.1	59.58	280.	2.8	15190.262	123.249	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	9	60.	63.778	84.	47.	151.444	12.306	47.	55.5	76.5	84.
00300	OXYGEN, DISSOLVED MG/L	12	8.7	9.042	12.7	6.7	2.324	1.525	7.09	8.125	9.825	12.01
00400	PH (STANDARD UNITS)	10	7.25	7.28	8.5	6.9	0.226	0.476	6.9	6.9	7.4	8.39
00400	CONVERTED PH (STANDARD UNITS)	10	7.247	7.14	8.5	6.9	0.248	0.498	6.9	6.9	7.4	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.057	0.072	0.126	0.003	0.002	0.044	0.007	0.04	0.126	0.126
00403	PH, LAB, STANDARD UNITS SU	11	7.2	7.164	7.5	6.8	0.037	0.191	6.84	7.	7.2	7.48
00403	CONVERTED PH, LAB, STANDARD UNITS	11	7.2	7.125	7.5	6.8	0.038	0.195	6.84	7.	7.2	7.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.063	0.075	0.158	0.032	0.001	0.035	0.033	0.063	0.1	0.147
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11	22.	21.182	30.	17.	16.564	4.07	17.	17.	24.	28.8
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	9	24.	28.444	54.	17.	178.028	13.343	17.	19.5	38.	54.
00500	RESIDUE, TOTAL (MG/L)	12	78.5	134.833	800.	47.	44183.061	210.198	47.6	57.	93.75	590.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	11.5	69.833	710.	3.	40700.515	201.744	3.3	5.	21.25	504.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10	355.	478.	1600.	50.	225751.111	475.133	58.	137.5	640.	1537.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10	2.545	2.493	3.204	1.699	0.196	0.443	1.74	2.138	2.79	3.182
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		GEOMETRIC MEAN =		311.156							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	12	225.	220.833	300.	150.	2026.515	45.017	150.	200.	250.	285.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	12	12.5	13.917	25.	3.	54.265	7.366	3.6	7.25	20.5	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	12	22.	17.667	30.	1.	134.788	11.61	1.	4.25	27.5	30.
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	12	77.5	65.833	100.	0.	1362.879	36.917	7.5	27.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	11	5.	4.091	10.	0.	14.091	3.754	0.	0.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	12	0.	0.429	2.	0.	0.618	0.786	0.	0.	0.775	2.
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	12	3.	2.833	3.	2.	0.106	0.326	2.15	2.625	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	11	6.4	30.318	220.	4.3	4089.808	63.952	4.36	5.	27.	184.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	12	52.	56.333	90.	30.	384.97	19.621	30.6	42.	73.75	88.5
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	11	9.	9.436	11.8	8.1	1.607	1.267	8.12	8.4	11.	11.64
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	10	7.05	7.02	7.3	6.7	0.037	0.193	6.71	6.875	7.2	7.29
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	10	7.047	6.981	7.3	6.7	0.039	0.198	6.71	6.875	7.2	7.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	10	0.09	0.104	0.2	0.05	0.002	0.048	0.051	0.063	0.134	0.195
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	9	6.8	6.944	7.4	6.7	0.073	0.27	6.7	6.7	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	9	6.8	6.881	7.4	6.7	0.077	0.278	6.7	6.7	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	9	0.158	0.132	0.2	0.04	0.004	0.065	0.04	0.065	0.2	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	9	15.	15.667	27.	10.	30.	5.477	10.	11.5	18.5	27.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	10	16.	18.2	29.	11.	40.844	6.391	11.1	12.75	22.75	28.9
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	12	59.5	145.25	800.	43.	44709.841	211.447	45.1	56.25	162.5	611.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	12	15.5	97.75	730.	3.	41857.114	204.59	3.9	10.25	117.5	547.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1	3.279	3.279	3.279	3.279	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1900.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	10	150.	140.	200.	100.	1000.	31.623	100.	100.	150.	195.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	10	12.	12.7	23.	3.	55.122	7.424	3.2	5.	20.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	10	19.5	17.6	33.	4.	115.6	10.752	4.2	6.75	27.	32.4
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	10	50.	60.	100.	0.	1000.	31.623	5.	50.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	10	6.	5.9	10.	0.	13.878	3.725	0.	3.75	10.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	9	0.	0.033	0.2	0.	0.005	0.071	0.	0.	0.05	0.2
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	10	3.	3.15	4.	2.5	0.169	0.412	2.55	3.	3.5	3.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	10	6.35	7.62	17.	5.2	12.784	3.575	5.2	5.5	8.4	16.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	9	73.	66.667	105.	10.	795.5	28.205	10.	51.5	88.5	105.
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	10	9.7	9.83	12.2	8.6	1.202	1.097	8.6	9.05	10.5	12.06
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	10	7.1	7.23	7.8	6.6	0.142	0.377	6.64	7.	7.55	7.79
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	10	7.1	7.092	7.8	6.6	0.163	0.404	6.64	7.	7.55	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	10	0.079	0.081	0.251	0.016	0.005	0.069	0.016	0.029	0.1	0.236
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	9	7.3	7.322	7.7	6.9	0.077	0.277	6.9	7.1	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	9	7.3	7.247	7.7	6.9	0.083	0.289	6.9	7.1	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	9	0.05	0.057	0.126	0.02	0.001	0.034	0.02	0.026	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	9	20.	20.333	31.	14.	30.25	5.5	14.	15.5	24.	31.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	9	23.	23.	34.	16.	34.	5.831	16.	17.5	26.5	34.
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	10	67.	66.5	97.	22.	420.5	20.506	25.4	56.75	81.5	95.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	10	8.5	10.8	22.	4.	43.511	6.596	4.	4.75	17.5	21.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	7	100.	364.286	1600.	50.	318728.571	564.561	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	7	2.	2.228	3.204	1.699	0.284	0.533	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			168.968								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	10	150.	135.	150.	100.	583.333	24.152	100.	100.	150.	150.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	12	15.	14.5	22.	5.	33.182	5.76	5.9	9.25	19.75	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	12	18.5	19.167	30.	6.	63.242	7.953	7.2	12.5	26.75	29.4
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	12	50.	44.583	95.	10.	820.265	28.64	10.	13.75	68.75	90.5
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	12	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	12	0.	0.176	1.	0.	0.093	0.305	0.	0.	0.275	0.85
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	12	3.	2.792	3.	2.	0.112	0.334	2.15	2.5	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	12	15.	17.083	60.	3.5	216.402	14.711	4.1	7.5	20.	48.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	10	46.5	44.2	58.	10.	200.178	14.148	12.6	39.	55.25	57.8
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	11	8.3	8.918	11.4	7.6	1.604	1.266	7.66	7.9	9.9	11.24
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	9	7.1	7.07	7.3	6.6	0.047	0.217	6.6	6.965	7.25	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	9	7.1	7.014	7.3	6.6	0.051	0.225	6.6	6.965	7.25	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	9	0.079	0.097	0.251	0.05	0.004	0.062	0.05	0.057	0.11	0.251
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	4	6.9	6.875	6.9	6.8	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	4	6.9	6.873	6.9	6.8	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	4	0.126	0.134	0.158	0.126	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	4	13.5	14.	16.	13.	2.	1.414	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	7	18.	17.571	21.	14.	4.952	2.225	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	12	76.5	84.583	160.	38.	1346.265	36.691	43.7	59.75	96.75	157.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	12	25.	30.75	91.	3.	692.75	26.32	4.2	9.	42.	83.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	10	150.	140.	150.	100.	444.444	21.082	100.	137.5	150.	150.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	12	12.	13.667	23.	4.	41.515	6.443	4.6	8.5	20.5	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	11	22.	19.273	29.	3.	75.618	8.696	3.6	13.	26.	28.8
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	12	50.	49.583	100.	0.	1388.447	37.262	0.	21.25	93.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	12	5.	7.083	25.	0.	38.447	6.201	1.5	5.	8.75	20.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	12	0.	0.075	0.5	0.	0.025	0.159	0.	0.	0.05	0.44
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	12	10.	19.942	130.	4.5	1224.95	34.999	4.65	5.25	15.	97.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	8	50.	49.875	67.	25.	199.268	14.116	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	12	10.05	9.817	11.8	6.9	2.145	1.465	7.17	8.7	10.9	11.68
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	12	7.15	7.058	8.4	5.73	0.352	0.593	6.021	6.842	7.2	8.04
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	12	7.147	6.628	8.4	5.73	0.554	0.744	6.021	6.842	7.2	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	12	0.071	0.236	1.862	0.004	0.265	0.515	0.022	0.063	0.146	1.363
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	3	6.9	7.2	8.	6.7	0.49	0.7	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	3	6.9	6.952	8.	6.7	0.583	0.763	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	3	0.126	0.112	0.2	0.01	0.009	0.096	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	4	12.	14.25	21.	12.	20.25	4.5	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	9	20.	17.333	23.	8.	31.25	5.59	8.	12.	22.	23.
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	12	66.5	81.583	220.	56.	2114.811	45.987	56.	56.25	89.75	183.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	12	13.5	22.083	130.	3.	1213.902	34.841	3.3	5.5	18.25	100.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1	210.	210.	210.	210.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1	2.322	2.322	2.322	2.322	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			210.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	8	300.	256.25	300.	150.	3883.929	62.321	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	8	16.	15.5	25.	7.	47.429	6.887	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	8	20.5	20.625	33.	8.	70.554	8.4	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	6	100.	68.333	100.	5.	2406.667	49.058	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	3	5.	5.	10.	0.	25.	5.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	4	0.1	0.3	1.	0.	0.22	0.469	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	7	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	8	17.5	15.625	30.	4.5	74.625	8.639	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	8	48.5	48.375	64.	35.	109.125	10.446	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	8	8.95	9.1	10.6	7.7	1.243	1.115	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	7	7.1	7.086	7.5	6.4	0.118	0.344	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	7	7.1	6.941	7.5	6.4	0.143	0.378	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	7	0.079	0.115	0.398	0.032	0.016	0.127	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	7	17.	16.429	20.	12.	8.952	2.992	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	8	79.5	80.875	100.	64.	188.125	13.716	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	8	27.5	24.875	41.	8.	176.125	13.271	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	3	730.	1813.333	4700.	10.	6379233.333	2525.714	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	3	2.863	2.512	3.672	1.	1.878	1.37	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			324.943								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	13	300.	300.	300.	0.	0.	300.	300.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	13	13.	13.462	23.	5.	33.936	5.825	5.4	8.	18.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	13	20.	20.154	32.	7.	62.641	7.915	7.8	14.	28.5
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	13	30.	39.231	100.	0.	1403.526	37.464	0.	2.5	80.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	8	5.	5.625	20.	0.	38.839	6.232	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	9	0.1	0.189	0.5	0.	0.046	0.215	0.	0.	0.4
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	13	3.	3.	3.	3.	0.	0.	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	13	10.	11.854	30.	3.9	61.181	7.822	4.02	5.5	16.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	13	44.	45.231	67.	34.	63.859	7.991	36.	40.5	48.5
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	13	9.1	9.092	11.	7.9	0.762	0.873	8.02	8.4	9.5
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	12	6.5	6.517	7.3	5.6	0.292	0.541	5.6	6.325	7.
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	12	6.5	6.199	7.3	5.6	0.403	0.635	5.6	6.325	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	12	0.316	0.633	2.512	0.05	0.79	0.889	0.054	0.109	0.475
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	1	11.	11.	11.	11.	0.	0.	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	12	11.	11.083	20.	3.	21.174	4.602	3.6	8.25	13.75
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	12	65.5	70.417	130.	38.	564.811	23.766	42.8	55.75	77.25
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	13	17.	25.385	84.	6.	428.256	20.694	7.6	11.5	36.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	13	150.	200.192	730.	0.5	40991.647	202.464	9.1	53.	305.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	13	2.176	1.97	2.863	-0.301	0.639	0.799	0.356	1.715	2.471
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			93.384							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	10	300.	300.	300.	0.	0.	300.	300.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	10	14.	14.8	24.	6.	43.067	6.563	6.3	9.	21.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	10	22.	21.6	33.	10.	60.489	7.777	10.3	13.75	28.5
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	10	50.	46.	100.	0.	715.556	26.75	2.	27.5	60.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	6	3.	2.667	5.	0.	5.067	2.251	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	9	0.	0.244	1.	0.	0.125	0.354	0.	0.	0.5
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	10	3.	3.	3.	0.	0.	0.	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	10	8.75	11.43	37.	3.1	103.842	10.19	3.21	4.65	13.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	10	52.5	59.4	96.	32.	606.489	24.627	32.3	35.75	86.
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	10	8.8	8.84	11.	7.6	1.105	1.051	7.62	7.875	9.475
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	9	6.8	6.933	7.2	6.7	0.038	0.194	6.7	6.8	7.15
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	9	6.8	6.898	7.2	6.7	0.039	0.197	6.7	6.8	7.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	9	0.158	0.127	0.2	0.063	0.003	0.05	0.063	0.071	0.158
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	1	12.	12.	12.	12.	0.	0.	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	8	16.	18.875	35.	10.	92.982	9.643	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	9	85.	97.556	230.	62.	2609.028	51.079	62.	71.5	95.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	10	16.	32.	170.	6.	2454.889	49.547	6.3	9.	28.75
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	10	61.5	124.2	400.	2.	19771.733	140.612	2.1	5.25	245.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	10	1.681	1.585	2.602	0.301	0.744	0.862	0.319	0.703	2.389
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.453							2.583

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	11	300.	300.	300.	0.	0.	300.	300.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	11	14.	13.909	22.	4.	29.291	5.412	4.6	10.	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	11	25.	20.727	31.	7.	66.018	8.125	7.4	13.	26.
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	11	10.	33.182	90.	0.	1031.364	32.115	1.	10.	50.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	9	0.	1.556	5.	0.	3.778	1.944	0.	0.	3.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	11	0.	0.182	1.	0.	0.098	0.312	0.	0.	0.2
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	11	3.	3.	3.	3.	0.	0.	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	11	9.9	16.955	50.	2.5	239.901	15.489	2.92	4.6	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	11	41.	44.182	60.	34.	79.364	8.909	34.	37.	53.
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	11	8.6	8.791	10.8	7.5	1.233	1.11	7.5	7.7	9.8
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	10	6.45	6.44	7.1	5.8	0.163	0.403	5.82	6.15	6.75
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	10	6.447	6.283	7.1	5.8	0.19	0.436	5.82	6.15	6.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	10	0.357	0.522	1.585	0.079	0.219	0.468	0.084	0.181	0.723
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	10	83.	84.2	110.	52.	594.844	24.389	52.8	60.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	11	18.	25.273	70.	5.	446.818	21.138	5.	7.	41.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	11	270.	201.864	530.	0.5	39122.605	197.794	1.2	6.	360.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	11	2.431	1.684	2.724	-0.301	1.139	1.067	-0.12	0.778	2.556
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.346							2.702

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		0.5									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	22	300.	240.909	300.	100.	5389.61	73.414	150.	150.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	28	21.5	21.179	25.	15.	5.708	2.389	17.	20.	23.	24.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	28	26.5	26.321	33.	10.	24.893	4.989	20.9	23.	30.	33.
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	26	50.	45.	100.	0.	1006.	31.718	3.5	10.	76.25	93.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	14	4.	3.071	10.	0.	9.764	3.125	0.	0.	5.	7.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	24	0.	0.083	0.5	0.	0.016	0.127	0.	0.	0.175	0.25
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	22	3.	2.977	3.	2.5	0.011	0.107	3.	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	24	15.	18.804	130.	2.8	613.54	24.77	4.75	6.55	20.	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	26	60.5	64.846	110.	37.	393.255	19.831	42.	48.75	78.	94.5
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	28	8.1	8.	9.2	6.7	0.336	0.579	6.99	7.7	8.375	8.63
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	26	7.2	7.085	7.7	5.8	0.138	0.372	6.65	6.9	7.3	7.36
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	26	7.2	6.825	7.7	5.8	0.208	0.456	6.65	6.9	7.3	7.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	26	0.063	0.15	1.585	0.02	0.094	0.306	0.045	0.05	0.126	0.261
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	10	7.25	7.24	7.7	6.8	0.074	0.272	6.82	7.	7.425	7.68
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	10	7.247	7.166	7.7	6.8	0.08	0.283	6.82	7.	7.425	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	10	0.057	0.068	0.158	0.02	0.002	0.042	0.021	0.038	0.1	0.153
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	10	22.5	22.3	30.	14.	21.122	4.596	14.3	19.25	24.75	29.7
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	23	21.	23.565	54.	11.	95.439	9.769	14.	19.	25.	41.2
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	28	86.5	90.821	220.	57.	884.152	29.735	58.9	75.	99.75	111.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	28	23.5	27.964	130.	6.	585.295	24.193	9.9	13.5	34.	49.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/85-12/12/94	14	0.05	0.05	0.11	0.02	0.001	0.028	0.02	0.028	0.065	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/85-12/12/94	14	0.3	0.336	0.7	0.2	0.021	0.145	0.2	0.2	0.425	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/85-12/12/94	14	0.43	0.439	0.63	0.28	0.009	0.093	0.285	0.408	0.49	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/85-12/12/94	14	0.09	0.086	0.13	0.05	0.	0.022	0.05	0.07	0.1	0.115
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	15	13.	13.267	17.	9.	4.924	2.219	9.6	12.	15.	16.4
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	16##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	16##	1.	2.063	10.	1.	6.329	2.516	1.	1.	1.	6.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	16##	12.5	13.281	25.	12.5	9.766	3.125	12.5	12.5	12.5	16.25
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	16	5.	23.75	300.	1.	5432.333	73.704	2.4	3.25	7.75	97.
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	16##	5.	10.313	50.	5.	158.229	12.579	5.	5.	5.	32.5
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	16##	5.	11.563	50.	5.	169.063	13.002	5.	5.	20.	32.5
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	16##	5.	9.	28.	5.	63.6	7.975	5.	5.	8.75	25.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-12/12/94	12	755.	1151.667	2700.	310.	851433.333	922.731	328.	397.5	2275.	2640.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	18	270.	1220.333	9900.	22.	5925464.588	2434.228	77.8	182.5	947.5	5220.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	18	2.431	2.595	3.996	1.342	0.406	0.637	1.866	2.26	2.949	3.704
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/85-01/05/95	18	2.431	2.595	3.996	1.342	0.406	0.637	1.866	2.26	2.949	3.704
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	16##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	12/09/86-01/05/95	41	300.	240.244	550.	100.	7902.439	88.896	150.	150.	300.	300.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/85-01/05/95	56	9.	8.768	17.	2.	12.181	3.49	4.	6.	11.	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/15/85-01/05/95	55	13.	11.936	25.	0.	49.815	7.058	2.6	6.	18.	22.
00032	CLOUD COVER (PERCENT)	01/15/85-01/05/95	56	35.	43.929	100.	0.	1777.013	42.155	0.	0.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	38	5.	5.868	25.	0.	25.901	5.089	0.	4.5	7.75	10.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	51	0.	0.233	2.	0.	0.236	0.485	0.	0.	0.2	1.
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	45	3.	2.956	4.	2.	0.089	0.298	2.5	3.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	48	6.15	16.735	280.	2.5	1631.693	40.394	3.86	4.65	14.25	30.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	49	47.	50.857	96.	10.	344.125	18.551	32.	39.5	58.	76.
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	55	9.9	10.116	12.7	7.9	1.235	1.111	8.72	9.4	11.	11.8
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	48	7.	6.817	7.5	5.6	0.197	0.443	6.18	6.6	7.1	7.21
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	48	7.	6.512	7.5	5.6	0.292	0.54	6.18	6.6	7.1	7.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	48	0.1	0.308	2.512	0.032	0.304	0.552	0.062	0.079	0.251	0.668
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	28	6.95	7.007	7.4	6.7	0.042	0.205	6.7	6.825	7.2	7.3

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	CONVERTED PH, LAB, STANDARD UNITS	28	6.947	6.962	7.4	6.7	0.044	0.21	6.7	6.825	7.2	7.3	
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	28	0.113	0.109	0.2	0.04	0.002	0.049	0.05	0.063	0.15	0.2	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	28	15.5	16.321	31.	10.	22.745	4.769	11.9	12.25	18.75	24.1	
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	36	16.5	17.111	35.	3.	48.787	6.985	8.7	12.25	20.	26.9	
00500	RESIDUE, TOTAL (MG/L)	53	64.	87.075	800.	22.	10836.417	104.098	44.6	56.5	86.	130.	
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	56	12.	32.982	710.	3.	9167.763	95.748	4.	6.	19.75	73.5	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	24	0.06	0.061	0.12	0.005	0.001	0.029	0.02	0.043	0.078	0.11	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	24	0.3	0.275	0.4	0.1	0.009	0.094	0.15	0.2	0.375	0.4	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	24	0.375	0.379	0.48	0.21	0.004	0.065	0.305	0.34	0.418	0.48	
00665	PHOSPHORUS, TOTAL (MG/L AS P)	24	0.07	0.076	0.15	0.03	0.001	0.032	0.04	0.06	0.098	0.135	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	32	11.5	12.563	24.	8.	13.931	3.732	9.3	10.	13.75	19.7	
01002	ARSENIC, TOTAL (UG/L AS AS)	31 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.	
01027	CADMIUM, TOTAL (UG/L AS CD)	31 ##	1.	2.097	10.	1.	6.29	2.508	1.	1.	1.	5.	
01034	CHROMIUM, TOTAL (UG/L AS CR)	31 ##	12.5	13.306	25.	12.5	9.745	3.122	12.5	12.5	12.5	12.5	
01042	COPPER, TOTAL (UG/L AS CU)	31	4.	5.387	28.	1.	23.578	4.856	1.	3.	6.	9.8	
01051	LEAD, TOTAL (UG/L AS PB)	31 ##	5.	11.774	65.	5.	247.581	15.735	5.	5.	5.	45.	
01067	NICKEL, TOTAL (UG/L AS NI)	31 ##	5.	12.645	50.	5.	169.57	13.022	5.	5.	25.	25.	
01092	ZINC, TOTAL (UG/L AS ZN)	31 ##	5.	11.	95.	5.	277.933	16.671	5.	5.	12.	22.4	
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-12/12/94	24	460.	1882.083	23000.	50.	21300973.732	4615.298	165.	230.	1950.	3450.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	32	210.	849.578	19000.	0.5	11080980.324	3328.811	0.95	23.25	395.	919.	
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	32	2.32	1.953	4.279	-0.301	1.126	1.061	-0.12	1.366	2.596	2.959	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			89.748									
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	31 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	23	200.	206.522	300.	100.	6887.352	82.99	100.	150.	300.	300.	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	29	18.	17.534	24.	10.	11.57	3.401	13.	14.5	20.	23.	
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	29	26.	24.724	35.	16.	19.278	4.391	17.	22.	28.	29.	
00032	CLOUD COVER (PERCENT)	29	50.	49.655	100.	0.	964.163	31.051	0.	25.	77.5	100.	
00035	WIND VELOCITY (MILES PER HOUR)	12/09/86-01/05/95	21	5.	4.429	10.	0.	7.757	2.785	0.	3.	9.4	
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/15/85-01/05/95	28	0.	0.215	2.	0.	0.201	0.448	0.	0.25	1.	
00064	DEPTH OF STREAM, MEAN (FT)	12/09/86-01/05/95	22	3.	2.977	3.5	2.5	0.035	0.188	2.65	3.	3.	
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/28/85-01/05/95	25	9.6	20.576	220.	3.1	1842.301	42.922	4.38	5.9	42.2	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/15/85-01/05/95	28	49.5	55.107	114.	25.	438.321	20.936	35.	38.5	65.5	86.8
00300	OXYGEN, DISSOLVED MG/L	01/15/85-01/05/95	28	8.6	8.711	10.3	7.2	0.616	0.785	7.59	8.2	9.93	
00400	PH (STANDARD UNITS)	01/15/85-01/05/95	27	7.1	7.089	8.5	6.2	0.266	0.516	6.5	6.8	7.2	7.92
00400	CONVERTED PH (STANDARD UNITS)	01/15/85-01/05/95	27	7.1	6.88	8.5	6.2	0.312	0.558	6.5	6.8	7.2	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-01/05/95	27	0.079	0.132	0.631	0.003	0.017	0.13	0.013	0.063	0.158	0.316
00403	PH, LAB, STANDARD UNITS SU	01/15/85-12/12/94	15	7.2	7.207	8.	6.7	0.122	0.349	6.76	6.9	7.5	7.82
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/85-12/12/94	15	7.2	7.098	8.	6.7	0.135	0.367	6.76	6.9	7.5	7.82
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/85-12/12/94	15	0.063	0.08	0.2	0.01	0.003	0.053	0.016	0.032	0.126	0.175
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/85-03/18/93	14	19.5	19.	26.	11.	21.846	4.674	11.5	15.	22.5	25.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	01/15/85-10/29/93	23	16.	17.043	28.	8.	33.953	5.827	10.	13.	21.	26.8
00500	RESIDUE, TOTAL (MG/L)	01/15/85-01/05/95	29	77.	111.138	800.	50.	19043.409	137.998	55.	63.	100.	170.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/85-01/05/95	29	18.	52.862	730.	3.	18253.837	135.107	5.	7.5	36.	120.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/85-12/12/94	13	0.06	0.068	0.11	0.04	0.001	0.024	0.04	0.05	0.09	0.106
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/85-12/12/94	13	0.3	0.292	0.6	0.2	0.014	0.119	0.2	0.2	0.35	0.52
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/85-12/12/94	13	0.38	0.378	0.48	0.26	0.004	0.064	0.28	0.33	0.425	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/85-12/12/94	13	0.07	0.099	0.32	0.05	0.005	0.072	0.05	0.055	0.115	0.248
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/28/85-01/05/95	15	12.	11.933	26.	7.	19.781	4.448	7.6	9.	13.	18.8
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/85-12/12/94	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	
01027	CADMIUM, TOTAL (UG/L AS CD)	02/28/85-12/12/94	15 ##	1.	2.133	10.	1.	6.695	2.588	1.	1.	7.	
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/28/85-12/12/94	15 ##	12.5	13.333	25.	12.5	10.417	3.227	12.5	12.5	12.5	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01042	COPPER, TOTAL (UG/L AS CU)	02/28/85-12/12/94	15	5.	5.667	13.	1.	10.095	3.177	1.	4.	7.	11.2
01051	LEAD, TOTAL (UG/L AS PB)	02/28/85-12/12/94	15 ##	5.	11.333	50.	5.	165.952	12.882	5.	5.	15.	35.
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/85-12/12/94	15 ##	5.	12.	50.	5.	177.857	13.336	5.	5.	25.	35.
01092	ZINC, TOTAL (UG/L AS ZN)	02/28/85-12/12/94	15 ##	5.	10.6	45.	5.	122.114	11.051	5.	5.	10.	33.6
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-12/12/94	9	1000.	2243.333	13000.	270.	16384175.	4047.737	270.	705.	1300.	13000.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/15/85-01/05/95	19	120.	280.684	1900.	3.	206405.117	454.318	6.	42.	350.	970.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/15/85-01/05/95	19	2.079	1.959	3.279	0.477	0.614	0.784	0.778	1.623	2.544	2.987
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			90.992								
71900	MERCURY, TOTAL (UG/L AS HG)	02/28/85-12/12/94	15 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0252

NPS Station ID: BLRI0252
 Location:
 Station Type: /TYPA/AMBNT/STREAM/SOLIDS
 RMI-Indexes: 1021500 00720 00920 9300
 RMI-Miles: 0953.80 0046.50 652.10 160.60
 HUC: 06010105
 Major Basin: TENNESSEE RIVER BASIN
 Minor Basin: FRENCH BROAD RIVER 160.6
 RF1 Index: 06010105026
 RF3 Index: 06010105002200.00
 Description:

LAT/LON: 35.481948/ -82.558337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 9.500
 RF3 Mile Point: 0.00

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360115 /5224
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.01

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-12/28/76	41	16.5	14.961	24.	4.7	40.945	6.399	5.06	9.7	21.15	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	29	1450.	1858.586	8500.	561.	2186916.608	1478.823	1010.	1265.	1840.	3580.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-12/28/76	24	9.5	22.308	125.	3.3	750.934	27.403	5.25	7.325	24.5	60.
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-12/28/76	31	17.	20.935	50.	5.	148.996	12.206	7.2	11.	30.	35.
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	10/21/75-12/28/76	16	23.	27.938	80.	17.	234.063	15.299	17.7	18.75	32.75	49.9
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/28/65	8##	0.5	4.563	32.	0.5	122.96	11.089	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-12/28/76	16	71.5	78.25	150.	53.	651.667	25.528	53.7	63.	80.	129.
00300	OXYGEN, DISSOLVED MG/L	01/06/65-12/28/76	30	8.05	7.703	12.	1.5	5.631	2.373	4.9	5.925	9.625	10.63
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-12/28/76	27	1.8	3.022	19.	0.5	12.822	3.581	0.9	1.3	3.6	5.86
00335	COD, .025N K2CR2O7 MG/L	10/21/75-12/28/76	16	10.	10.125	17.	3.	15.45	3.931	3.7	8.	13.5	16.3
00400	PH (STANDARD UNITS)	01/06/65-12/28/76	24	6.85	6.813	7.4	6.1	0.082	0.286	6.5	6.6	6.975	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/06/65-12/28/76	24	6.847	6.717	7.4	6.1	0.091	0.302	6.5	6.6	6.975	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/65-12/28/76	24	0.142	0.192	0.794	0.04	0.024	0.154	0.063	0.106	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/06/65-12/28/76	24	15.	15.417	28.	8.	17.732	4.211	11.	12.	18.	20.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-12/28/76	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/06/65-10/28/65	8	115.	115.	220.	50.	2828.571	53.184	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/06/65-10/28/65	8	65.	68.75	120.	40.	641.071	25.319	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/75-12/28/76	16	11.	14.813	58.	1.	187.363	13.688	3.1	6.5	22.75	34.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/75-12/28/76	16	0.13	0.13	0.25	0.04	0.002	0.047	0.075	0.095	0.15	0.201
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/75-12/28/76	16	0.045	0.053	0.1	0.02	0.001	0.027	0.027	0.03	0.08	0.093
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/21/75-12/28/76	16	0.255	0.258	0.35	0.16	0.003	0.055	0.188	0.205	0.305	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-12/28/76	16	0.05	0.052	0.1	0.03	0.	0.018	0.03	0.04	0.058	0.086
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/75-12/28/76	16	0.02	0.022	0.04	0.005	0.	0.012	0.009	0.01	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/19/75-11/16/76	5	2.2	3.08	5.	1.8	2.137	1.462	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	10/21/75-12/28/76	16	5.	5.375	10.	3.	2.65	1.628	3.7	4.	6.	7.9
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	10/21/75-12/28/76	16	0.7	0.8	1.2	0.6	0.028	0.167	0.67	0.7	0.875	1.13
00929	SODIUM, TOTAL (MG/L AS Na)	10/21/75-12/28/76	16	7.9	8.756	17.	5.1	11.183	3.344	5.66	6.725	8.75	15.6
00937	POTASSIUM, TOTAL (MG/L AS K)	10/21/75-12/28/76	16	0.85	0.906	1.3	0.6	0.05	0.224	0.67	0.725	1.	1.3
00940	CHLORIDE, TOTAL IN WATER (MG/L)	01/06/65-12/28/76	24	4.5	4.583	7.	3.	0.862	0.929	3.5	4.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-12/28/76	16	14.	16.063	38.	4.	81.129	9.007	6.8	8.5	22.75	31.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/21/75-12/28/76	16##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/21/75-12/28/76	16	9.	8.837	10.	7.9	0.42	0.648	7.97	8.225	9.3	9.79
01002	ARSENIC, TOTAL (UG/L AS AS)	11/19/75-11/16/76	5##	2.5	2.8	4.	2.5	0.45	0.671	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	11/19/75-11/16/76	5##	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/19/75-11/16/76	5##	5.	5.	5.	5.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	11/19/75-11/16/76	5	50.	52.	80.	30.	520.	22.804	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	11/19/75-11/16/76	5##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	11/19/75-11/16/76	5##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01042	COPPER, TOTAL (UG/L AS CU)	11/19/75-11/16/76	5	30.	52.	130.	20.	2170.	46.583	**	**	**	
01045	IRON, TOTAL (UG/L AS FE)	10/21/75-12/28/76	16	770.	806.25	1400.	410.	103278.333	321.369	424.	482.5	1100.	1330.
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-12/28/76	16	85.	88.75	220.	25.	2645.	51.43	25.	38.75	110.	171.
01051	LEAD, TOTAL (UG/L AS PB)	11/19/75-11/16/76	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	
01055	MANGANESE, TOTAL (UG/L AS MN)	10/21/75-12/28/76	16	35.	37.5	80.	10.	380.	19.494	10.	22.5	55.	66.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/75-12/28/76	16	20.	25.	100.	5.	476.667	21.833	5.	12.5	30.	51.
01067	NICKEL, TOTAL (UG/L AS NI)	11/19/75-11/16/76	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	
01077	SILVER, TOTAL (UG/L AS AG)	11/19/75-11/16/76	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	
01092	ZINC, TOTAL (UG/L AS ZN)	11/19/75-11/16/76	5	50.	52.	80.	40.	270.	16.432	**	**	**	
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/19/75-11/16/76	5	600.	920.	2000.	500.	407000.	637.966	**	**	**	
01132	LITHIUM, TOTAL (UG/L AS LI)	11/19/75-11/16/76	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	
01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/75-11/16/76	5 ##	1.	0.8	1.	0.5	0.075	0.274	**	**	**	
01152	TITANIUM, TOTAL (UG/L AS TI)	11/19/75-11/16/76	5 ##	500.	500.	500.	500.	0.	0.	**	**	**	
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,35C	03/14/68-06/16/76	13	2000.	55673.846	500000.	10.18625888625.641	136476.696	14.	100.	36000.	340000.	
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	03/14/68-06/16/76	13	3.301	3.301	5.699	1.	2.402	1.55	1.12	1.938	4.556	5.419
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	03/14/68-06/16/76	13	1999.013	1999.013	700000.	6200.55125205000.	234787.574	**	**	**	**	
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/28/65	8	49000.	150025.	700000.	6200.55125205000.	234787.574	**	**	**	**	
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/28/65	8	4.674	4.766	5.845	3.792	0.42	0.648	**	**	**	
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/28/65	8	58399.004	58399.004	700000.	6200.55125205000.	234787.574	**	**	**	**	
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/28/65	8	2850.	13878.75	62000.	930.	444608183.929	21085.734	**	**	**	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/28/65	8	3.447	3.703	4.792	2.968	0.444	0.667	**	**	**	
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/28/65	8	5045.233	5045.233	62000.	930.	444608183.929	21085.734	**	**	**	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/14/68-12/28/76	23	440.	3271.522	36000.	5.	79241923.715	8901.793	5.	50.	1400.	16440.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/14/68-12/28/76	23	2.643	2.479	4.556	0.699	1.154	1.074	0.699	1.699	3.146	3.978
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/14/68-12/28/76	23	301.14	301.14	36000.	5.	79241923.715	8901.793	5.	50.	1400.	16440.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	10/21/75-12/28/76	16	16.5	16.688	30.	10.	21.696	4.658	11.4	13.	18.75	23.7
70001	COMPOSITE LOCATION IN A CROSS SECTION	03/14/68-06/24/68	4	1022.	1022.	1022.	1022.	0.	0.	**	**	**	
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/21/75-12/28/76	16	60.	59.375	90.	40.	232.917	15.262	40.	50.	70.	83.
71900	MERCURY, TOTAL (UG/L AS HG)	10/28/70-11/16/76	6 ##	0.15	0.175	0.3	0.1	0.008	0.088	**	**	**	
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/28/70-10/28/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0252

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	24	3	0.13	7	2	0.29	12	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	4.	30	2	0.07	13	2	0.15	12	0	0.00	5	0	0.00			
00400	PH	9.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
	Other-Lo Lim.	6.5	24	4	0.17	7	1	0.14	12	1	0.08	5	2	0.40			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
	Drinking Water	250.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	16	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	360.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	2000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	130.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	4.	0 &	0	0.00												
	Fresh Acute	3.9	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	5.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	18.	5	5	1.00	1	1	1.00	3	3	1.00	1	1	1.00			
	Drinking Water	1300.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Fresh Acute	82.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	15.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	1400.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Fresh Acute	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0252

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00													
	Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00				
01092 ZINC, TOTAL	Fresh Acute	120.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00				
	Drinking Water	5000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00				
01147 SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00				
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00				
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	7	0.54	2	2	1.00	7	1	0.14	4	4	1.00				
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00				
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00				
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	15	0.65	7	7	1.00	11	5	0.45	5	3	0.60				
71900 MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00				
	Drinking Water	2.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-12/28/76	14	21.5	20.507	24.	14.	6.522	2.554	16.	18.375	22.	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	8	1289.5	1156.125	1580.	561.	153671.839	392.01	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-12/28/76	10	30.	27.5	50.	5.	156.722	12.519	5.7	20.25	35.	48.5
00300	OXYGEN, DISSOLVED MG/L	01/06/65-12/28/76	13	5.7	5.877	9.	1.5	4.247	2.061	2.46	4.9	7.5	8.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-12/28/76	9	1.9	4.556	19.	1.	32.48	5.699	1.	1.4	5.55	19.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-12/28/76	16	7.	7.844	12.8	4.7	8.037	2.835	4.91	5.075	10.	12.38
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	13	1800.	2309.231	8500.	1010.	3895357.692	1973.666	1026.	1435.	2245.	6532.
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-12/28/76	13	11.	16.385	50.	7.	143.256	11.969	7.	8.5	18.5	42.
00300	OXYGEN, DISSOLVED MG/L	01/06/65-12/28/76	12	9.75	9.683	12.	6.9	1.871	1.368	7.26	9.025	10.525	11.82
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-12/28/76	13	1.6	2.254	5.8	0.5	2.851	1.688	0.5	1.25	3.2	5.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-12/28/76	11	19.	18.255	22.	14.8	7.203	2.684	14.84	15.5	21.	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	8	1440.	1828.75	4200.	1210.	974126.786	986.979	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-12/28/76	8	20.	20.125	30.	9.	90.696	9.523	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/65-12/28/76	5	7.9	7.7	8.2	6.9	0.335	0.579	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-12/28/76	5	1.4	2.26	4.	1.1	1.893	1.376	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0253

NPS Station ID: BLRI0253
 Location: NASTY BRANCH AT SR 1126 AT ASHEVILLE, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105005502.44
 Description:

LAT/LON: 35.578892/ -82.559726
 Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.61

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4180000 /FRB034V /03451126
 Within Park Boundary: No

Date Created: 05/09/87

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0253

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-11/10/87	13	0.06	0.075	0.18	0.03	0.002	0.045	0.03	0.04	0.105	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-11/10/87	13	1.	1.208	3.7	0.2	0.941	0.97	0.24	0.5	1.6	3.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-11/10/87	13	0.27	0.312	0.91	0.1	0.046	0.215	0.108	0.165	0.44	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-11/10/87	10	0.465	0.767	2.6	0.33	0.471	0.686	0.332	0.373	0.88	2.437
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/18/87-01/18/87	3	0.19	0.193	0.2	0.19	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0253

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	8	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0254

NPS Station ID: BLRI0254
 Location: NASTY BRANCH AT ASHEVILLE, NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105
 RF3 Index: 06010105052700.58
 Description:

LAT/LON: 35.578892/ -82.559726

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.21

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 0345112600
 Within Park Boundary: No

Date Created: 08/01/87

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 7.20
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0254

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/86-11/10/87	51	21.	42.627	310.	0.5	3593.122	59.943	0.8	1.	61.	118.8
00065	STAGE, STREAM (FEET)	10/01/86-11/10/87	49	1.62	1.852	4.45	1.18	0.545	0.739	1.18	1.2	2.24	2.88
00080	COLOR (PLATINUM-COBALT UNITS)	01/18/87-01/18/87	5	45.	49.6	68.	42.	115.3	10.738	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/87-11/10/87	13	56.	76.923	200.	43.	1998.244	44.702	43.8	46.5	105.	165.2
00400	PH (STANDARD UNITS)	01/18/87-11/10/87	13	6.74	6.808	7.23	6.64	0.026	0.161	6.64	6.705	6.9	7.102
00400	CONVERTED PH (STANDARD UNITS)	01/18/87-11/10/87	13	6.74	6.785	7.23	6.64	0.026	0.162	6.64	6.705	6.9	7.102
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/87-11/10/87	13	0.182	0.164	0.229	0.059	0.002	0.049	0.085	0.126	0.197	0.229
00403	PH, LAB, STANDARD UNITS SU	01/18/87-01/18/87	5	6.8	6.78	6.9	6.6	0.017	0.13	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/87-01/18/87	5	6.8	6.764	6.9	6.6	0.017	0.132	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/87-01/18/87	5	0.158	0.172	0.251	0.126	0.003	0.054	**	**	**	**
00417	ALKALINITY, FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/18/87-01/18/87	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-11/10/87	13	0.06	0.076	0.18	0.03	0.002	0.044	0.034	0.045	0.105	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-11/10/87	13	1.1	1.292	3.7	0.2	0.996	0.998	0.24	0.5	1.9	3.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-11/10/87	13	0.27	0.322	0.91	0.1	0.043	0.208	0.108	0.215	0.44	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-11/10/87	13	0.38	0.629	2.6	0.19	0.419	0.647	0.19	0.265	0.845	1.948
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/87-01/18/87	5	6.9	7.	11.	4.7	6.05	2.46	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/87-01/18/87	5	1.5	1.44	2.6	0.8	0.543	0.737	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/87-01/18/87	5	10.	10.92	19.	6.2	23.692	4.867	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/87-01/18/87	5	1.9	2.06	3.1	1.4	0.403	0.635	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/18/87-01/18/87	5	11.	15.4	31.	10.	78.3	8.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/87-01/18/87	5	12.	13.2	22.	9.	26.7	5.167	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/87-01/18/87	5	0.2	0.18	0.3	0.1	0.007	0.084	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/87-01/18/87	5	3.8	3.86	7.1	2.1	4.203	2.05	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/87-11/10/87	3	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/10/87-11/10/87	3	6000.	5200.	7300.	2300.	6730000.	2594.224	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/10/87-11/10/87	3	3.778	3.668	3.863	3.362	0.072	0.268	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			4653.01								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/87-01/18/87	5	63.	70.	125.	45.	1012.	31.812	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/05/86-11/10/87	48	190.5	592.542	3500.	0.	608314.041	779.945	2.	5.25	1130.	1507.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0254

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	8	0	0.00						
	Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	8	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00				5	0	0.00						
	Other-Lo Lim.	6.5	5	0	0.00				5	0	0.00						
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	8	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	0	0.00				5	0	0.00						
	Drinking Water	250.	5	0	0.00				5	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00				5	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00				5	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00				3	0	0.00						
	Drinking Water	5.	3	0	0.00				3	0	0.00						
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	3	1.00				3	3	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0255

NPS Station ID: BLRI0255 LAT/LON: 35.563337/ -82.560282
 Location: SWANNANOA RIVER NR BILTMORE NC INACT-750214
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105052 RF1 Mile Point: 0.390
 RF3 Index: 06010105054400.00 RF3 Mile Point: 0.03
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4210000 /FRB034W /FRB0341F
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0255

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/74-02/14/75	4	8.5	11.25	24.	4.	76.917	8.77	**	**	**
00032	CLOUD COVER (PERCENT)	07/25/74-02/14/75	4	45.	45.	80.	10.	833.333	28.868	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	07/25/74-02/14/75	4	0.055	0.078	0.2	0.	0.009	0.093	**	**	**
00065	STAGE, STREAM (FEET)	07/25/74-02/14/75	3	2.39	2.14	2.4	1.63	0.195	0.442	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-07/25/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/75-02/14/75	2	37.5	37.5	41.	34.	24.5	4.95	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/25/74-02/14/75	4	9.4	9.375	9.8	8.9	0.163	0.403	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/25/74-01/15/75	3	84.	87.333	105.	73.	264.333	16.258	**	**	**
00400	PH (STANDARD UNITS)	07/25/74-02/14/75	4	7.05	7.188	7.85	6.8	0.224	0.473	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/25/74-02/14/75	4	7.025	7.044	7.85	6.8	0.251	0.501	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/74-02/14/75	4	0.094	0.09	0.158	0.014	0.004	0.064	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/25/74-02/14/75	4	21.	21.	29.	13.	45.333	6.733	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/74-01/15/75	2	0.	0.	0.	0.	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/12/73-01/15/75	6	4250.	5650.	16000.	600.	34343000.	5860.29	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/12/73-01/15/75	6	3.588	3.494	4.204	2.778	0.325	0.57	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/12/73-01/15/75	6	3.588	3.494	4.204	2.778	0.325	0.57	**	**	**
	GEOMETRIC MEAN =			3119.539								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0255

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	4.	4	0	0.00	1	0	0.00	3	0	0.00						
00400	PH	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		6.5	4	0	0.00	1	0	0.00	3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	6	6	1.00	4	4	1.00	1	1	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0256

NPS Station ID: BLRI0256
 Location: REED CK AT WEAVER BLVD AT ASHEVILLE NC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105002105.64
 Description:

LAT/LON: 35.614448/ -82.561392
 Depth of Water: 1
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 6.09

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E4290000 /FRB034Y /03451510
 Within Park Boundary: No

Date Created: 05/09/87

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 3.80
 Distance from RF3: 0.47

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0256

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-09/06/87	16	0.095	0.122	0.43	0.03	0.011	0.104	0.03	0.05	0.168	0.311
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-09/06/87	16	2.45	2.3	4.4	0.3	2.643	1.626	0.3	0.65	4.025	4.33
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-09/06/87	16	0.67	0.608	1.1	0.02	0.094	0.307	0.188	0.355	0.752	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-09/06/87	16	0.815	0.817	1.8	0.17	0.32	0.566	0.177	0.26	1.275	1.73
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/87-06/01/87	1	93000.	93000.	93000.	93000.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/01/87-06/01/87	1	4.968	4.968	4.968	4.968	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =		93000.									
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/87-06/01/87	5	100000.	235800.	650000.	64000.60128200000.	245210.522	**	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/87-06/01/87	5	5.	5.206	5.813	4.806	0.168	0.41	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		160559.549									
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/87-06/01/87	6	640000.	611666.667	840000.	320000.30176666666.667	173714.325	**	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/87-06/01/87	6	5.806	5.769	5.924	5.505	0.021	0.144	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		587175.541									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0256

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	5	0	0.00	5	0	0.00	6	0	0.00			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	5	1.00							5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0257

NPS Station ID: BLRI0257 LAT/LON: 35.614448/ -82.561392
 Location: REED CREEK ABOVE BARNARD AVE. AT ASHEVILLE, N.C
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105002105.64 RF3 Mile Point: 6.09
 Description:

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03451510
 Within Park Boundary: No

Date Created: 08/01/87

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 3.80
 Distance from RF3: 0.47

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0257

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/87-06/01/87	1	0.	0.	0.	0.	0.	**	**	**	**	
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/86-09/24/87	49	10.	13.439	67.	0.1	284.64	16.871	0.2	0.85	16.	50.
00065	STAGE, STREAM (FEET)	08/05/86-11/09/87	43	2.01	2.029	3.51	1.28	0.362	0.602	1.364	1.5	2.27	3.198
00080	COLOR (PLATINUM-COBALT UNITS)	01/18/87-06/01/87	11	40.	56.182	130.	12.	1439.164	37.936	14.6	25.	80.	124.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/87-09/06/87	16	71.	83.625	177.	47.	1325.583	36.409	52.6	58.	102.5	159.5
00400	PH (STANDARD UNITS)	01/18/87-09/06/87	16	6.49	6.529	6.79	6.29	0.02	0.141	6.367	6.433	6.635	6.769
00400	CONVERTED PH (STANDARD UNITS)	01/18/87-09/06/87	16	6.49	6.509	6.79	6.29	0.02	0.143	6.367	6.432	6.635	6.769
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/87-09/06/87	16	0.324	0.31	0.513	0.162	0.009	0.094	0.17	0.232	0.369	0.433
00403	PH, LAB, STANDARD UNITS SU	01/18/87-06/01/87	11	6.8	7.009	8.1	6.7	0.293	0.541	6.7	6.7	6.8	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/87-06/01/87	11	6.8	6.847	8.1	6.7	0.322	0.567	6.7	6.7	6.8	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/87-06/01/87	11	0.158	0.142	0.2	0.008	0.005	0.069	0.008	0.158	0.2	0.2
00417	ALKALINITY, FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/18/87-01/18/87	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/87-09/06/87	16	0.095	0.122	0.43	0.03	0.011	0.104	0.03	0.05	0.168	0.311
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/87-09/06/87	16	2.45	2.3	4.4	0.3	2.643	1.626	0.3	0.65	4.025	4.33
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/87-09/06/87	16	0.67	0.608	1.1	0.02	0.094	0.307	0.188	0.355	0.752	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/87-09/06/87	16	0.815	0.817	1.8	0.17	0.32	0.566	0.177	0.26	1.275	1.73
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/87-06/01/87	11	6.2	6.836	10.	4.9	3.581	1.892	4.94	5.6	9.	10.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/87-06/01/87	11	1.6	1.909	3.6	1.1	0.587	0.766	1.14	1.4	2.	3.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/87-06/01/87	11	3.	5.936	15.	1.9	22.293	4.721	1.92	2.1	8.3	14.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/87-06/01/87	11	2.8	2.955	3.7	2.	0.373	0.611	2.04	2.3	3.6	3.68
00940	CHLORIDE, TOTAL IN WATER MG/L	01/18/87-06/01/87	10	7.5	9.2	22.	2.	55.733	7.465	2.	2.75	15.25	21.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/87-06/01/87	11	9.	8.818	13.	5.	6.764	2.601	5.2	6.	11.	12.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/87-06/01/87	11 ##	0.05	0.086	0.2	0.05	0.004	0.06	0.05	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/87-06/01/87	11	5.9	6.173	13.	2.6	12.364	3.516	2.7	3.2	7.5	12.8
01027	CADMIUM, TOTAL (UG/L AS CD)	06/01/87-06/01/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/01/87-06/01/87	6	97500.	212000.	650000.	64000.51501200000.	226938.758	**	**	**	**	
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/01/87-06/01/87	6	4.989	5.166	5.813	4.806	0.144	0.38	**	**	**	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			146592.114								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/87-06/01/87	11	66.	67.545	104.	47.	278.873	16.699	48.4	55.	71.	101.4
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/05/86-11/09/87	47	184.	515.149	4150.	1.	731393.216	855.215	1.8	4.	528.	1730.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0257

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	16	0	0.00	5	0	0.00	5	0	0.00	6	0	0.00				
	Other-Lo Lim.	6.5	16	8	0.50	5	1	0.20	5	1	0.20	6	6	1.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	11	0	0.00				5	0	0.00	6	0	0.00				
	Other-Lo Lim.	6.5	11	0	0.00				5	0	0.00	6	0	0.00				
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																	
	Drinking Water	10.	16	0	0.00	5	0	0.00	5	0	0.00	6	0	0.00				
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	10	0	0.00				5	0	0.00	5	0	0.00				
	Drinking Water	250.	10	0	0.00				5	0	0.00	5	0	0.00				
00945	SULFATE, TOTAL (AS SO4)																	
	Drinking Water	250.	11	0	0.00				5	0	0.00	6	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	11	0	0.00				5	0	0.00	6	0	0.00				
01027	CADMIUM, TOTAL																	
	Fresh Acute	3.9	6	0	0.00							6	0	0.00				
	Drinking Water	5.	6	0	0.00							6	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																	
	Other-Hi Lim.	200.	6	6	1.00							6	6	1.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0258

NPS Station ID: BLRI0258
 Location: THE LAGOON
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105
 RF3 Index: 06010105008200.24
 Description:

LAT/LON: 35.541115/ -82.562505

Depth of Water: 6
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.23

Agency: 12ELS1
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 3A1-008
 Within Park Boundary: No

Date Created: 04/16/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 5.20
 Distance from RF3: 0.08

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0258

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/84-11/21/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/21/84-11/21/84	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/84-11/21/84	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	11/21/84-11/21/84	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/21/84-11/21/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/21/84-11/21/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/84-11/21/84	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	11/21/84-11/21/84	1	341.5	341.5	341.5	341.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/21/84-11/21/84	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/21/84-11/21/84	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/21/84-11/21/84	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CaCO3)	11/21/84-11/21/84	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/21/84-11/21/84	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/21/84-11/21/84	1	2.28	2.28	2.28	2.28	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/21/84-11/21/84	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/84-11/21/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/21/84-11/21/84	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/21/84-11/21/84	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/21/84-11/21/84	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/21/84-11/21/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/21/84-11/21/84	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/21/84-11/21/84	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/21/84-11/21/84	1	170.	170.	170.	170.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/21/84-11/21/84	1	1980.09	1980.09	1980.09	1980.09	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/21/84-11/21/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/21/84-11/21/84	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0258

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.			
00154	Sulfate (AS S) Whole Water	250.	1	0	0.00				1	0	0.00						
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0258

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Standard	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00				1	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00					
		Drinking Water	250.	1	0	0.00				1	0	0.00					
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00					
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00					
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0259

NPS Station ID: BLRI0259
 Location:
 Station Type: /TYPA/AMBNT/STREAM/SOLIDS
 RMI-Indexes: 1021500 007720 00920 9300
 RMI-Miles: 0953.80 0046.50 652.10 148.90
 HUC: 06010105
 Major Basin: TENNESSEE RIVER BASIN
 Minor Basin: FRENCH BROAD RIVER 148.9
 RF1 Index: 06010105021
 RF3 Index: 06010105001900.00
 Description:

LAT/LON: 35.568892/ -82.564170

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 9.450
 RF3 Mile Point: 0.80

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360244 /5218
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0259

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	10/27/70-10/27/70	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/27/70-10/27/70	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0259

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				2	0	0.00							
	Drinking Water	2.	2	0	0.00				2	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0260

NPS Station ID: BLRI0260
 Location: ABOVE SWANNANOA RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300
 RMI-Miles: 0953.80 0046.50 652.10 149.00
 HUC: 06010105
 Major Basin: TENNESSEE RIVER BASIN
 Minor Basin: FRENCH BROAD RIVER 149.0
 RF1 Index: 06010105
 RF3 Index: 06010105002501.91
 Description:

LAT/LON: 35.567503/ -82.564170

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 8.32

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360114 /5221
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0260

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-08/21/68	35	20.	16.88	25.	5.5	44.08	6.639	6.4	11.6	22.3	23.94
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-08/21/68	14	1530.	2068.571	9100.	600.	4247213.187	2060.877	850.	1325.	1962.5	5550.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-10/27/65	8	40.	65.625	225.	30.	4331.696	65.816	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-08/21/68	16	30.	27.813	50.	10.	109.896	10.483	10.	20.	35.	43.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/27/65	8 ##	0.75	2.625	16.	0.5	29.268	5.41	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/06/65-08/21/68	27	7.5	7.	10.4	4.1	3.943	1.986	4.44	5.	9.	9.68
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-10/27/65	8	6.	10.513	24.	3.4	65.816	8.113	**	**	**	**
00400	PH (STANDARD UNITS)	01/06/65-10/27/65	20	6.65	7.275	10.6	6.1	1.964	1.401	6.11	6.4	8.3	9.59
00400	CONVERTED PH (STANDARD UNITS)	01/06/65-10/27/65	20	6.647	6.559	10.6	6.1	2.504	1.582	6.11	6.4	8.3	9.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/65-10/27/65	20	0.225	0.276	0.794	0.	0.065	0.255	0.	0.021	0.398	0.778
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/06/65-10/27/65	20	11.	19.55	102.	5.	503.418	22.437	6.1	8.25	21.25	44.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-10/27/65	20	0.	4.25	54.	0.	151.776	12.32	0.	0.	0.	11.9
00500	RESIDUE, TOTAL (MG/L)	01/06/65-10/27/65	8	145.	156.25	270.	90.	3655.357	60.46	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/06/65-10/27/65	8	75.	92.5	180.	60.	1907.143	43.671	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/06/65-10/27/65	8	6.5	7.75	20.	5.	25.357	5.036	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/14/68-08/21/68	7	18000.	40114.286	140000.	1800.	223358095.238	47258.418	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/14/68-08/21/68	7	4.255	4.326	5.146	3.255	0.354	0.595	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21200.108								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	8	55000.	170750.	390000.	11000.33149071428.571	182068.865	**	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/06/65-10/27/65	8	4.74	4.93	5.591	4.041	0.347	0.589	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85179.458								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	8	12000.	46687.5	160000.	1600.	4936718392.857	70261.785	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	8	4.078	4.129	5.204	3.204	0.591	0.769	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13443.694								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/68-08/21/68	6	2950.	3150.	7000.	1000.	5095000.	2257.211	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/68-08/21/68	6	3.462	3.395	3.845	3.	0.116	0.341	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2484.503								
70001	COMPOSITE LOCATION IN A CROSS SECTION	01/06/65-08/21/68	13	1122.	1091.231	1122.	1022.	2307.692	48.038	1022.	1022.	1122.	1122.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0260

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	8	3	0.38	3	2	0.67	3	1	0.33	2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	27	0	0.00	12	0	0.00	9	0	0.00	6	0	0.00			
00400	PH	9.	20	4	0.20	12	2	0.17	3	1	0.33	5	1	0.20			
		6.5	20	9	0.45	12	6	0.50	3	0	0.00	5	3	0.60			
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
	Drinking Water	250.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	7	7	1.00	3	3	1.00	1	1	1.00	3	3	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
31615	FECAL COLIFORM, MPN	200.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	6	6	1.00	3	3	1.00	1	1	1.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0261

NPS Station ID: BLRI0261 LAT/LON: 35.502781/ -82.591670
 Location: BENT CK AT NC HWY 191 NR WEST HAVEN INACT-750207
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105026 RF1 Mile Point: 7.030
 RF3 Index: 06010105105600.00 RF3 Mile Point: 0.30
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2890000 /FRB032
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 9.10
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0261

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-02/07/75	8	19.5	18.375	23.	5.	33.411	5.78	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/06/73-02/07/75	6	55.	55.	100.	20.	920.	30.332	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-02/07/75	6	0.105	0.152	0.5	0.	0.038	0.196	**	**	**	**
00065	STAGE, STREAM (FEET)	06/06/73-07/25/74	5	9.21	7.698	9.92	1.02	14.189	3.767	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/74-02/07/75	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/06/72-02/07/75	8	9.45	9.4	12.3	6.9	2.331	1.527	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-02/07/75	8	97.5	98.25	115.	77.	125.643	11.209	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/18/71-07/25/74	6	1.	0.95	1.5	0.5	0.155	0.394	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/72-02/07/75	8	7.1	7.063	8.	6.4	0.277	0.526	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/72-02/07/75	8	7.1	6.834	8.	6.4	0.337	0.58	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/72-02/07/75	8	0.079	0.147	0.398	0.01	0.02	0.143	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/72-02/07/75	8	8.	8.75	12.	7.	2.5	1.581	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-02/07/75	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/21/68-05/21/70	4	6200.	50775.	190000.	700.	8631282500.	92904.696	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	08/21/68-05/21/70	4	3.69	3.876	5.279	2.845	1.097	1.047	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-07/25/74	12	155.	669.583	2800.	5.	1016674.811	1008.303	27.5	102.5	1200.	2710.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-07/25/74	12	2.19	2.328	3.447	0.699	0.568	0.754	1.06	2.01	3.001	3.432
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-07/25/74	12	2.19	2.328	3.447	0.699	0.568	0.754	1.06	2.01	3.001	3.432
71900	MERCURY, TOTAL (UG/L AS HG)	12/07/70-12/07/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0261

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	9.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
		6.5	8	2	0.25	5	1	0.20	1	0	0.00	2	1	0.50			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	4	3	0.75	3	2	0.67				1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	12	5	0.42	7	3	0.43	2	1	0.50	3	1	0.33			
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0262

NPS Station ID: BLRI0262 LAT/LON: 35.500559/ -82.592227
 Location: FRENCH BROAD R AB BENT CR AT BENT CREEK N C
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 06010105026 RF1 Mile Point: 6.830
 RF3 Index: 06010105005704.16 RF3 Mile Point: 4.16
 Description:

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03447900
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0262

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/70-09/03/71	6	9.45	11.767	23.	2.5	60.995	7.81	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/16/70-09/03/71	6	1225.	1310.5	1770.	973.	104673.5	323.533	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/70-09/03/71	6	5.	8.	20.	5.	36.	6.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/70-09/03/71	6	80.5	78.5	105.	52.	577.9	24.04	**	**	**
00400	PH (STANDARD UNITS)	11/16/70-09/03/71	6	6.1	6.183	6.9	5.6	0.21	0.458	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/70-09/03/71	6	6.1	6.015	6.9	5.6	0.244	0.494	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/70-09/03/71	6	0.794	0.967	2.512	0.126	0.732	0.856	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/16/70-09/03/71	6	12.	12.167	20.	6.	25.367	5.037	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/16/70-09/03/71	6	15.	14.833	24.	7.	36.167	6.014	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/16/70-09/03/71	6	0.	0.	0.	0.	0.	0.	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/16/70-09/03/71	5	0.37	0.394	0.8	0.1	0.088	0.297	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	5	0.02	0.022	0.03	0.01	0.	0.008	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	5	0.01	0.008	0.01	0.005	0.	0.003	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/16/70-09/03/71	5	0.25	0.252	0.36	0.14	0.006	0.078	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/70-09/03/71	5	0.27	0.294	0.47	0.18	0.013	0.113	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/16/70-09/03/71	6	15.	15.	20.	11.	11.2	3.347	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/16/70-09/03/71	6	2.5	1.833	3.	0.	2.167	1.472	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/16/70-09/03/71	6	4.6	4.733	6.	3.3	0.943	0.971	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/70-09/03/71	6	0.7	0.85	1.6	0.4	0.187	0.432	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/70-09/03/71	6	9.35	8.617	12.	5.	9.962	3.156	**	**	**
00931	SODIUM ADSORPTION RATIO	11/16/70-09/03/71	6	1.	0.967	1.3	0.6	0.079	0.28	**	**	**
00932	SODIUM, PERCENT	11/16/70-09/03/71	6	52.5	52.167	59.	44.	30.967	5.565	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/70-09/03/71	6	0.95	1.017	1.5	0.7	0.106	0.325	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/70-09/03/71	6	4.	4.	5.	3.	0.4	0.632	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/70-09/03/71	6	12.5	14.5	21.	9.	27.1	5.206	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/16/70-09/03/71	6	8.25	8.467	11.	7.	2.007	1.417	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/16/71-09/03/71	3	290.	273.333	300.	230.	1433.333	37.859	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/16/70-03/24/71	3	110.	116.667	140.	100.	433.333	20.817	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/16/70-09/03/71	6	54.5	56.	78.	40.	189.2	13.755	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/16/70-09/03/71	6	173.5	192.833	272.	150.	2157.367	46.447	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/70-09/03/71	6	0.075	0.075	0.11	0.05	0.	0.021	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0262

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	6	5	0.83	2	1	0.50	3	3	1.00	1	1	1.00			
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	250.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0263

NPS Station ID: BLRI0263
 Location: FRENCH BROAD RIVER AT BENT CREEK N C
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin:
 Minor Basin:
 RF1 Index: 06010105
 RF3 Index: 06010105005200.59
 Description:

LAT/LON: 35.501948/ -82.592504

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.20

Agency: 112WRD
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 03448000
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/19/71-09/07/72	5	11.	12.2	19.	4.	39.7	6.301	**	**	**	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	55	1670.	1943.	7370.	527.	1364599.259	1168.161	825.4	1220.	2190.	3512.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/56-11/26/79	27	1880.	4757.704	18200.	400.	25092123.832	5009.204	545.6	857.	8650.	11620.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	52	12.5	15.712	45.	0.	110.601	10.517	5.	7.	20.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	52	46.	56.731	161.	22.	962.71	31.028	23.3	33.	73.5	105.2
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	52	6.4	6.419	7.3	6.	0.059	0.243	6.2	6.3	6.5	6.8
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	52	6.4	6.362	7.3	6.	0.062	0.249	6.2	6.3	6.5	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	52	0.398	0.435	1.	0.05	0.047	0.216	0.158	0.316	0.501	0.631
00405	CARBON DIOXIDE (MG/L AS CO2)	02/11/72-07/18/72	2	8.3	8.3	13.	3.6	44.18	6.647	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/11/72-07/18/72	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	52	13.	14.308	37.	8.	26.923	5.189	9.	11.	16.75	20.7
00445	CARBONATE ION (MG/L AS CO3)	02/11/72-07/18/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/72-07/18/72	2	0.26	0.26	0.36	0.16	0.02	0.141	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	2###	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/11/72-07/18/72	2	0.19	0.19	0.23	0.15	0.003	0.057	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/11/72-07/18/72	2	0.335	0.335	0.43	0.24	0.018	0.134	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	52	9.	9.635	20.	4.	9.06	3.01	6.	8.	12.	13.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	52	0.	0.231	3.	0.	0.534	0.731	0.	0.	0.	1.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	52	2.6	2.685	6.3	1.	1.121	1.059	1.5	2.	3.1	4.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/56-07/18/72	52	0.65	0.708	1.8	0.1	0.092	0.303	0.4	0.5	0.9	1.1
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	52	5.15	6.829	24.	1.8	24.581	4.958	2.23	3.	9.4	14.7
00931	SODIUM ADSORPTION RATIO	02/11/72-07/18/72	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	02/11/72-07/18/72	2	51.5	51.5	53.	50.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	52	0.8	0.848	2.1	0.3	0.095	0.309	0.53	0.7	1.	1.27
00940	CHLORIDE, TOTAL IN WATER (MG/L)	10/17/56-07/18/72	52	3.	2.698	6.	0.5	1.742	1.32	1.	2.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	52	8.5	10.075	34.	0.9	57.324	7.571	3.	4.25	12.75	22.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	50	0.05	0.056	0.2	0.	0.004	0.061	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	52	8.7	8.687	11.	6.	0.923	0.961	7.43	8.2	9.3	10.
01045	IRON, TOTAL (UG/L AS Fe)	10/17/56-09/14/62	50	40.	40.4	140.	0.	979.429	31.296	10.	17.5	60.	88.
01046	IRON, DISSOLVED (UG/L AS Fe)	02/11/72-07/18/72	2	210.	210.	280.	140.	9800.	98.995	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	52	37.5	42.481	105.	21.	346.058	18.603	23.	30.	51.75	73.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/72-07/18/72	2	48.	48.	51.	45.	18.	4.243	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/11/72-07/18/72	2	184.	184.	211.	157.	1458.	38.184	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/72-07/18/72	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/11/72-07/18/72	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	50	0.3	0.334	1.2	0.	0.06	0.245	0.1	0.1	0.425	0.69
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/09/61-07/18/72	3	0.7	0.667	1.	0.3	0.123	0.351	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/11/72-07/18/72	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/09/61-10/09/61	1	70.	70.	70.	70.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/77-11/26/79	26	109.5	144.923	820.	4.	32252.554	179.59	4.7	13.75	210.75	343.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/77-11/26/79	26	253.5	3357.915	19700.	6.	27899970.73	5282.042	13.24	38.25	5102.5	11612.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0263

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	52	0	0.00	15	0	0.00	24	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	52	43	0.83	15	12	0.80	24	20	0.83	13	11	0.85			
00613	NITRITE NITROGEN, DISSOLVED AS N		2	0	0.00	1	0	0.00	1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N		2	0	0.00	1	0	0.00	1	0	0.00						
00940	Fresh Acute	860.	52	0	0.00	15	0	0.00	24	0	0.00	13	0	0.00			
	Drinking Water	250.	52	0	0.00	15	0	0.00	24	0	0.00	13	0	0.00			
00945	SULFATE, TOTAL (AS SO4)		52	0	0.00	15	0	0.00	24	0	0.00	13	0	0.00			
00950	FLUORIDE, DISSOLVED AS F		50	0	0.00	14	0	0.00	23	0	0.00	13	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)		50	0	0.00	14	0	0.00	23	0	0.00	13	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)		3	0	0.00	2	0	0.00	1	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)		2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1956 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	1	32.	32.	32.	32.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	4	1945.	2330.	3880.	1550.	1142466.667	1068.862	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	4	15.	13.75	25.	0.	122.917	11.087	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	54.5	53.5	82.	23.	619.	24.88	**	**	**	**
00400	PH (STANDARD UNITS)	4	6.25	6.225	6.4	6.	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	4	6.247	6.199	6.4	6.	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.566	0.633	1.	0.398	0.069	0.263	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	4	12.5	12.75	17.	9.	10.917	3.304	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	4	11.	10.5	13.	7.	7.	2.646	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	4	2.8	2.825	4.1	1.6	1.043	1.021	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	4	0.7	0.8	1.2	0.6	0.073	0.271	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	4	5.	5.75	11.	2.	16.917	4.113	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	4	0.7	0.65	0.9	0.3	0.07	0.265	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	4	3.	2.75	4.	1.	1.583	1.258	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	4	9.	8.5	13.	3.	19.667	4.435	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	0.05	0.05	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	4	7.7	7.525	8.7	6.	1.422	1.193	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	4	25.	30.	60.	10.	466.667	21.602	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	4	38.	39.25	60.	21.	279.583	16.721	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	4	0.5	0.575	1.2	0.1	0.236	0.486	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	9	1640.	1783.333	3270.	670.	607400.	779.359	670.	1220.	2280.	3270.
00080	COLOR (PLATINUM-COBALT UNITS)	9	20.	19.556	35.	7.	94.778	9.735	7.	10.	27.5	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	40.	47.444	118.	22.	925.028	30.414	22.	27.5	59.5	118.
00400	PH (STANDARD UNITS)	9	6.4	6.4	6.8	6.	0.05	0.224	6.	6.25	6.5	6.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	9	6.4	6.348	6.8	6.	0.053	0.23	6.	6.25	6.5	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	9	0.398	0.448	1.	0.158	0.06	0.245	0.158	0.316	0.566	1.
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	9	12.	13.889	29.	8.	41.111	6.412	8.	10.	16.5	29.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	9	9.	9.111	14.	6.	7.611	2.759	6.	6.5	11.5	14.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	9	2.	2.4	4.4	1.4	1.03	1.015	1.4	1.6	3.2	4.4
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/56-07/18/72	9	0.8	0.756	1.2	0.3	0.073	0.27	0.3	0.55	0.95	1.2
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	9	4.2	5.756	18.	1.8	26.37	5.135	1.8	2.45	7.55	18.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	9	0.6	0.7	1.3	0.4	0.073	0.269	0.4	0.55	0.85	1.3
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	9	2.	1.922	4.	0.5	1.204	1.097	0.5	0.9	2.5	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	9	7.	8.444	25.	2.	47.778	6.912	2.	4.	10.5	25.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	9	0.	0.044	0.1	0.	0.003	0.053	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	9	8.7	9.133	11.	8.2	0.945	0.972	8.2	8.35	10.	11.
01045	IRON, TOTAL (UG/L AS Fe)	10/17/56-09/14/62	9	50.	56.667	140.	10.	1650.	40.62	10.	25.	80.	140.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	9	30.	37.667	83.	23.	373.5	19.326	23.	25.5	45.5	83.
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	9	0.3	0.3	0.6	0.1	0.02	0.141	0.1	0.2	0.35	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	3	2120.	2813.333	4800.	1520.	3050133.333	1746.463	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	3	20.	16.667	20.	10.	33.333	5.774	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	3	45.	48.333	59.	41.	89.333	9.452	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	3	6.3	6.3	6.4	6.2	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	3	6.3	6.292	6.4	6.2	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	3	0.501	0.51	0.631	0.398	0.014	0.117	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	3	13.	13.	14.	12.	1.	1.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	3	9.	9.667	12.	8.	4.333	2.082	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	3	3.	2.567	3.1	1.6	0.703	0.839	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/56-07/18/72	3	1.	0.833	1.1	0.4	0.143	0.379	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	3	4.6	4.633	5.2	4.1	0.303	0.551	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	3	1.	0.967	1.2	0.7	0.063	0.252	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	3	6.	7.	9.	6.	3.	1.732	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	3	8.9	8.733	9.4	7.9	0.583	0.764	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/17/56-09/14/62	3	50.	36.667	50.	10.	533.333	23.094	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	3	37.	37.	41.	33.	16.	4.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	3	0.5	0.4	0.5	0.2	0.03	0.173	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	12	1520.	1744.	3280.	763.	711814.727	843.691	787.6	992.5	2390.	3166.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	12	10.	13.083	30.	5.	83.174	9.12	5.	5.	18.75	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	12	42.	58.333	130.	23.	1482.424	38.502	23.9	31.5	96.75	127.
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	12	6.4	6.517	7.3	6.3	0.087	0.295	6.3	6.3	6.65	7.15
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	12	6.4	6.452	7.3	6.3	0.092	0.303	6.3	6.3	6.65	7.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	12	0.398	0.353	0.501	0.05	0.023	0.151	0.083	0.229	0.501	0.501
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	12	13.	13.917	21.	8.	19.538	4.42	8.6	10.25	18.5	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	12	9.	9.25	15.	5.	7.841	2.8	5.3	7.25	11.5	14.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	12	0.	0.167	2.	0.	0.333	0.577	0.	0.	0.	1.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/56-07/18/72	12	2.4	2.658	5.3	1.	1.394	1.18	1.18	1.875	3.6	4.88
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	12	0.65	0.617	1.1	0.1	0.069	0.262	0.19	0.425	0.775	1.04
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/56-07/18/72	12	4.95	7.108	20.	2.1	36.681	6.056	2.13	2.5	12.9	18.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	12	0.75	0.775	1.2	0.4	0.062	0.249	0.4	0.625	0.975	1.17
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	12	2.	2.25	6.	0.5	2.705	1.645	0.5	1.	3.5	5.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	12	7.5	10.992	32.	0.9	103.637	10.18	1.53	4.	20.5	29.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	12	0.	0.025	0.1	0.	0.002	0.045	0.	0.	0.075	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	12	9.15	9.175	10.	7.7	0.553	0.744	7.88	8.725	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	10/17/56-09/14/62	12	10.	19.167	70.	0.	462.879	21.515	0.	2.5	27.5	64.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	12	33.5	42.333	85.	21.	542.606	23.294	21.3	25.	67.75	82.6
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	12	0.35	0.325	0.7	0.	0.058	0.242	0.	0.1	0.475	0.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	12	1865.	2257.167	7370.	796.	3252627.242	1803.504	872.2	1225.	2007.5	6368.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	12	11.5	13.833	30.	3.	75.424	8.685	3.	6.25	20.	28.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	12	64.	61.583	94.	26.	532.447	23.075	27.2	41.	80.75	94.
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	12	6.4	6.358	6.9	6.	0.057	0.239	6.	6.225	6.475	6.78
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	12	6.4	6.302	6.9	6.	0.061	0.246	6.	6.225	6.475	6.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	12	0.398	0.499	1.	0.126	0.07	0.264	0.183	0.337	0.599	1.
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	12	15.5	14.417	21.	8.	14.811	3.848	8.3	10.75	16.75	20.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	12	9.5	9.417	12.	6.	5.174	2.275	6.	8.	12.	12.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/56-07/18/72	12	2.6	2.65	4.	1.3	0.69	0.831	1.36	2.075	3.375	3.91
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	12	0.6	0.65	1.3	0.4	0.063	0.25	0.4	0.5	0.75	1.18
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/56-07/18/72	12	7.6	7.433	14.	2.	13.141	3.625	2.3	4.2	9.85	13.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	12	0.95	1.067	2.1	0.7	0.161	0.401	0.7	0.8	1.275	1.89
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	12	3.	3.333	5.	2.	0.788	0.888	2.	3.	4.	4.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	12	10.	10.917	20.	3.	34.083	5.838	3.3	5.5	16.25	20.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	12	0.	0.042	0.1	0.	0.003	0.051	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	12	8.6	8.442	9.7	6.3	1.026	1.013	6.51	7.975	9.25	9.64
01045	IRON, TOTAL (UG/L AS FE)	10/17/56-09/14/62	12	45.	50.	90.	20.	636.364	25.226	20.	25.	70.	90.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	12	46.5	46.083	65.	28.	160.265	12.66	28.6	32.	57.25	64.1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	12	0.2	0.283	1.1	0.1	0.082	0.286	0.1	0.1	0.3	0.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	9	1660.	1801.889	3860.	527.	1085999.611	1042.113	527.	925.	2535.	3860.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	9	19.	20.333	45.	5.	260.75	16.148	5.	6.	37.5	45.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	9	43.	60.111	161.	22.	1918.611	43.802	22.	25.	77.5	161.
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	9	6.5	6.489	6.8	6.2	0.044	0.209	6.2	6.3	6.7	6.8
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	9	6.5	6.446	6.8	6.2	0.046	0.214	6.2	6.3	6.7	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	9	0.316	0.358	0.631	0.158	0.026	0.162	0.158	0.2	0.501	0.631
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	9	12.	16.111	37.	9.	72.611	8.521	11.	18.	37.	37.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	9	9.	9.444	20.	4.	20.028	4.475	4.	7.	10.5	20.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/56-07/18/72	9	2.7	2.8	6.3	1.	2.233	1.494	1.	1.8	3.05	6.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	9	0.6	0.644	1.1	0.3	0.083	0.288	0.3	0.4	0.95	1.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/56-07/18/72	9	4.4	7.933	24.	2.3	49.273	7.019	2.3	2.7	10.9	24.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	9	0.8	0.889	1.4	0.7	0.051	0.226	0.7	0.7	1.	1.4
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	9	3.	3.222	6.	2.	1.694	1.302	2.	2.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	9	7.	10.778	34.	2.	103.944	10.195	2.	2.5	15.5	34.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/56-09/14/62	9	0.1	0.1	0.2	0.	0.005	0.071	0.	0.05	0.15	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/56-07/18/72	9	8.4	8.5	9.7	7.4	0.672	0.82	7.4	7.75	9.35	9.7
01045	IRON, TOTAL (UG/L AS FE)	10/17/56-09/14/62	9	40.	42.222	110.	0.	1244.444	35.277	0.	15.	70.	110.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	9	39.	46.444	105.	23.	656.528	25.623	23.	28.5	57.5	105.
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/17/56-09/14/62	9	0.3	0.311	0.5	0.1	0.024	0.154	0.1	0.15	0.45	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	1	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	5	1530.	1498.8	2080.	904.	175627.2	419.079	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	2	69.	69.	81.	57.	288.	16.971	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	2	6.55	6.55	6.8	6.3	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	2	6.482	6.482	6.8	6.3	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	2	0.33	0.33	0.501	0.158	0.059	0.242	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/56-07/18/72	2	3.8	3.8	4.	3.6	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	2	1.3	1.3	1.8	0.8	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/56-07/18/72	2	7.55	7.55	7.9	7.2	0.245	0.495	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/56-07/18/72	2	8.5	8.5	8.6	8.4	0.02	0.141	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	2	45.5	45.5	50.	41.	40.5	6.364	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	16	1205.	1265.063	2440.	527.	253700.996	503.687	627.1	918.	1585.	2111.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/56-11/26/79	6	853.	1604.667	5190.	728.	3113227.867	1764.434	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	15	20.	21.8	43.	7.	123.314	11.105	8.8	10.	30.	38.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	15	66.	72.533	161.	26.	1368.41	36.992	29.6	43.	83.	136.4
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	15	6.4	6.48	6.8	6.3	0.022	0.147	6.3	6.4	6.5	6.74
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	15	6.4	6.459	6.8	6.3	0.022	0.149	6.3	6.4	6.5	6.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	15	0.398	0.348	0.501	0.158	0.01	0.102	0.183	0.316	0.398	0.501
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	15	16.	17.933	37.	12.	45.352	6.734	12.6	14.	18.	32.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	15	11.	11.667	20.	6.	12.238	3.498	7.2	9.	14.	17.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	15	0.	0.2	3.	0.	0.6	0.775	0.	0.	0.	1.2
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	15	3.	3.287	6.3	1.5	1.658	1.288	1.8	2.4	4.	5.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	15	0.7	0.82	1.8	0.4	0.13	0.361	0.46	0.6	1.	1.5
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	15	7.9	9.18	24.	1.8	35.823	5.985	2.52	4.8	12.	20.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	15	0.9	0.933	1.4	0.6	0.062	0.25	0.6	0.7	1.1	1.34
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	15	3.	3.133	6.	1.	2.41	1.552	1.	2.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	15	10.	13.4	34.	2.	78.971	8.887	2.	9.	17.	28.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	15	9.3	9.373	11.	8.4	0.488	0.698	8.52	8.7	10.	10.4
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	15	52.	52.933	105.	28.	471.352	21.711	29.8	36.	64.	91.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	25	1680.	2292.96	7370.	763.	2219657.123	1489.851	825.4	1510.	3085.	4248.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/56-11/26/79	18	6640.	6362.778	18200.	400.	29205700.771	5404.23	493.6	1377.5	9265.	16670.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	24	17.	16.125	45.	5.	95.418	9.768	5.	7.75	20.	27.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	24	46.5	56.625	130.	22.	792.245	28.147	23.	40.25	66.25	102.
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	24	6.4	6.433	7.3	6.	0.075	0.275	6.2	6.3	6.5	6.85
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	24	6.4	6.37	7.3	6.	0.08	0.282	6.2	6.3	6.5	6.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	24	0.398	0.426	1.	0.05	0.04	0.199	0.142	0.316	0.501	0.631
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	24	13.	13.5	21.	8.	14.957	3.867	8.	11.	16.	20.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	24	9.5	9.583	14.	6.	5.645	2.376	6.	8.	12.	12.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	24	0.	0.375	3.	0.	0.766	0.875	0.	0.	0.	2.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	24	2.75	2.708	4.1	1.	0.769	0.877	1.35	2.025	3.4	3.95
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/56-07/18/72	24	0.7	0.696	1.2	0.3	0.062	0.249	0.4	0.425	0.9	1.05
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	24	5.15	6.771	20.	2.	21.725	4.661	2.25	3.275	9.1	14.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	24	0.8	0.8	1.3	0.3	0.057	0.238	0.45	0.7	0.9	1.2
00940	CHLORIDE, TOTAL IN WATER MG/L	10/17/56-07/18/72	24	3.	2.846	5.	0.5	1.37	1.171	0.9	2.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	24	7.5	10.288	32.	0.9	54.905	7.41	3.5	6.	12.75	22.5
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	24	8.4	8.429	10.	6.	0.898	0.948	7.1	7.9	9.075	9.75
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/17/56-07/18/72	24	38.	42.208	85.	22.	287.65	16.96	23.	30.	49.5	71.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00060	FLOW, STREAM, MEAN DAILY CFS	04/19/57-09/07/72	14	2045.	2092.857	4030.	1220.	452406.593	672.612	1290.	1657.5	2272.5	3290.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/56-11/26/79	3	1030.	1433.333	2310.	960.	577633.333	760.022	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/56-07/18/72	13	5.	7.923	20.	0.	30.91	5.56	1.2	4.	11.	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/56-07/18/72	13	32.	38.692	75.	22.	311.897	17.661	22.4	25.	44.	74.6
00400	PH (STANDARD UNITS)	10/17/56-07/18/72	13	6.3	6.323	6.8	6.	0.065	0.255	6.	6.1	6.5	6.76
00400	CONVERTED PH (STANDARD UNITS)	10/17/56-07/18/72	13	6.3	6.259	6.8	6.	0.07	0.264	6.	6.1	6.5	6.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/56-07/18/72	13	0.501	0.55	1.	0.158	0.086	0.294	0.175	0.316	0.815	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/56-07/18/72	13	11.	11.615	17.	9.	7.256	2.694	9.	9.5	12.5	17.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/56-07/18/72	13	8.	7.385	9.	4.	2.756	1.66	4.4	6.	9.	9.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/17/56-07/18/72	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/17/56-07/18/72	13	1.8	1.946	3.1	1.	0.309	0.556	1.2	1.6	2.3	2.9
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/17/56-07/18/72	13	0.5	0.6	1.2	0.1	0.09	0.3	0.18	0.45	0.75	1.16
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/17/56-07/18/72	13	3.6	4.223	9.8	2.	6.765	2.601	2.08	2.35	4.9	9.64
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/56-07/18/72	13	0.7	0.838	2.1	0.4	0.211	0.459	0.4	0.6	0.9	1.82
00940	CHLORIDE, TOTAL IN WATER (MG/L)	10/17/56-07/18/72	13	2.	1.923	4.	0.5	1.035	1.017	0.5	1.	2.5	3.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/56-07/18/72	13	4.	5.846	14.	2.	12.974	3.602	2.4	3.	8.	12.8
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/17/56-07/18/72	13	8.3	8.369	10.	6.3	0.802	0.896	6.74	8.1	8.85	9.72
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	10/17/56-07/18/72	13	28.	30.923	51.	21.	88.077	9.385	21.	23.5	35.5	49.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0264

NPS Station ID: BLRI0264
 Location: HOMINY CREEK @ SR3431 NR ASHEVILLE INACT-750115
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105023
 RF3 Index: 06010105002304.09
 Description:

LAT/LON: 35.541670/ -82.609726
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 4.040
 RF3 Mile Point: 7.08

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E3450000 /FRB034D /FRB034AA
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.09

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0264

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	17	24.	20.941	28.	5.	54.028	7.35	7.	16.5	26.	28.
00032	CLOUD COVER (PERCENT)	12	50.	50.667	100.	5.	1163.515	34.11	6.5	13.75	78.75	99.4
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	12	0.	0.161	1.	0.	0.094	0.307	0.	0.	0.245	0.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	5	27.	38.8	98.	13.	1153.7	33.966	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	1100.	943.333	1100.	630.	73633.333	271.355	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	17	4.1	4.171	9.7	0.3	6.526	2.555	0.3	2.6	5.2	8.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	16	43.5	45.438	76.	4.	385.729	19.64	18.	30.75	60.75	76.
00310	BOD, 5 DAY, 20 DEG C MG/L	10	25.5	28.5	48.	11.	172.278	13.125	11.1	18.	41.	47.3
00400	PH (STANDARD UNITS)	17	6.	6.018	6.7	5.2	0.208	0.456	5.36	5.65	6.45	6.62
00400	CONVERTED PH (STANDARD UNITS)	17	6.	5.804	6.7	5.2	0.256	0.506	5.36	5.65	6.45	6.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	17	1.	1.569	6.31	0.2	2.699	1.643	0.241	0.357	2.254	4.447
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	17	8.	8.588	21.	2.	24.257	4.925	2.	5.5	11.5	16.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	13	0.	2.769	36.	0.	99.692	9.985	0.	0.	0.	21.6
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	7	44.	47.571	86.	5.	976.286	31.246	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10	2250.	2240.	3300.	1400.	413777.778	643.256	1410.	1650.	2725.	3280.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	500.	821.111	2800.	80.	877336.111	936.662	80.	195.	1450.	2800.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	2.699	2.66	3.447	1.903	0.26	0.51	1.903	2.29	3.139	3.447
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			456.801								
70305	SALINITY BASED ON CONDUCTIVITY	10/28/74-10/28/74	1	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0264

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	5	1	0.20	2	1	0.50	3	0	0.00						
00300	OXYGEN, DISSOLVED	4.	17	8	0.47	10	5	0.50	6	2	0.33	1	1	1.00			
00400	PH	9.	17	0	0.00	10	0	0.00	6	0	0.00	1	0	0.00			
		6.5	17	14	0.82	10	7	0.70	6	6	1.00	1	1	1.00			
01034	CHROMIUM, TOTAL	Drinking Water 100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0264

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01042	COPPER, TOTAL	18.	0 &	0	0.00													
	Fresh Acute	18.	0	0	0.00													
	Drinking Water	1300.	1	0	0.00	1	0	0.00										
01067	NICKEL, TOTAL	1400.	1	0	0.00	1	0	0.00										
	Fresh Acute	1400.	1	0	0.00	1	0	0.00										
	Drinking Water	100.	1	0	0.00	1	0	0.00										
01092	ZINC, TOTAL	120.	10	10	1.00	9	9	1.00				1	1	1.00				
	Fresh Acute	120.	10	10	1.00	9	9	1.00				1	1	1.00				
	Drinking Water	5000.	10	0	0.00	9	0	0.00				1	0	0.00				
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	9	7	0.78	6	6	1.00	2	0	0.00	1	1	1.00				
	Other-Hi Lim.	200.	9	7	0.78	6	6	1.00	2	0	0.00	1	1	1.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0265

NPS Station ID: BLRI0265 LAT/LON: 35.504170/ -82.609726
 Location: WESTLEY CREEK AT AVERY CREEK NC INACT-750207
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105007801.65 RF3 Mile Point: 4.89
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2820000 /FRB031
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 17.10
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0265

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-02/07/75	7	23.	21.571	28.	7.	47.952	6.925	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/06/73-02/07/75	5	75.	64.	100.	20.	1542.5	39.275	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-02/07/75	5	0.1	0.16	0.5	0.	0.043	0.207	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/07/75-02/07/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/06/72-02/07/75	7	8.7	9.029	10.9	6.4	2.396	1.548	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-02/07/75	7	106.	100.714	120.	71.	267.238	16.347	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/18/71-05/18/71	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/72-02/07/75	7	6.6	6.714	7.9	6.2	0.315	0.561	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/72-02/07/75	7	6.6	6.534	7.9	6.2	0.353	0.594	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/72-02/07/75	7	0.251	0.293	0.631	0.013	0.041	0.201	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/72-02/07/75	7	11.	10.857	14.	6.	5.81	2.41	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-02/07/75	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/21/68-05/21/70	3	7400.	5243.333	8300.	30.	20586633.333	4537.25	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/21/68-05/21/70	3	3.869	3.088	3.919	1.477	1.948	1.396	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1225.962								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-09/11/73	10	15.	744.5	7200.	5.	5145774.722	2268.43	5.	5.	62.5	6490.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/07/70-09/11/73	10	1.151	1.456	3.857	0.699	0.922	0.96	0.699	0.699	1.774	3.672
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.552								
71900	MERCURY, TOTAL (UG/L AS HG)	12/07/70-12/07/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0265

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	3	0.43	4	2	0.50	1	0	0.00	2	1	0.50			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	3	2	0.67	2	1	0.50				1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	10	1	0.10	6	1	0.17	2	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00						
	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water								1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0266

NPS Station ID: BLRI0266
 Location: BRIDGE ABOVE POND BRANCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 6760
 RMI-Miles: 0953.80 0046.50 652.10 151.50 005.40
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: HOMINY CREEK 5.4
 RF1 Index: 06010105023
 RF3 Index: 06010105002608.21
 Description:

LAT/LON: 35.540837/ -82.612227

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.040
 RF3 Mile Point: 8.63

Agency: 131TVAC
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 360161 /5698
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/65-08/06/80	39	19.	17.362	31.	3.8	62.151	7.884	5.	10.	22.6	28.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/65-12/28/76	35	92.	97.657	208.	45.	1721.761	41.494	51.6	65.	123.	163.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/06/65-12/28/76	27	17.	46.596	330.	3.7	5829.837	76.353	5.6	7.4	55.	150.
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/65-08/06/80	30	9.	11.167	57.	1.	109.661	10.472	3.	5.	12.	23.7
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	07/21/75-08/06/80	20	21.5	83.05	800.	12.	32116.892	179.212	15.	16.5	42.5	249.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/06/65-10/27/65	8	26.	61.875	250.	4.	7210.411	84.914	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/75-12/28/76	19	72.	74.368	110.	53.	238.023	15.428	56.	62.	84.	100.
00300	OXYGEN, DISSOLVED MG/L	01/06/65-08/06/80	36	5.6	5.45	11.2	0.05	12.243	3.499	1.	2.15	8.8	10.52
00304	BOD, 2 DAY, 20 DEG C MG/L	08/20/68-09/12/68	3	7.	15.3	36.	2.9	325.57	18.044	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/06/65-08/06/80	31	6.4	32.455	340.	1.2	5792.027	76.105	2.02	5.2	20.	67.6
00335	COD, .025N K2CR2O7 MG/L	07/21/75-12/28/76	19	13.	39.105	270.	3.	3907.988	62.514	7.	12.	35.	120.
00400	PH (STANDARD UNITS)	01/06/65-08/06/80	36	6.6	5.289	7.6	2.7	3.129	1.769	3.04	3.3	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	01/06/65-08/06/80	36	6.6	3.553	7.6	2.7	6.229	2.496	3.04	3.3	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/65-08/06/80	36	0.251	279.992	1995.262	0.025	216506.284	465.302	0.079	0.158	501.187	933.707
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/06/65-08/06/80	28	16.	20.25	200.	0.	1349.009	36.729	0.	0.	19.75	24.3
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/06/65-08/06/80	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/06/65-09/12/68	15	530.	564.667	1200.	300.	54740.952	233.968	300.	400.	710.	936.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	01/06/65-09/12/68	15	490.	482.	800.	240.	35745.714	189.065	240.	300.	690.	740.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/75-08/06/80	20	18.	68.6	990.	2.	47228.358	217.321	10.1	13.	25.75	66.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/06/80-08/06/80	1	5.	5.	5.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/06/68-08/06/80	24	0.52	1.147	4.6	0.11	1.476	1.215	0.15	0.233	2.275	2.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/68-08/06/80	24	0.265	0.544	2.5	0.04	0.419	0.647	0.085	0.14	0.625	1.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/06/68-08/01/68	4	0.02	0.029	0.07	0.005	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/68-08/01/68	4	0.175	0.18	0.23	0.14	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/75-08/06/80	20	0.525	0.595	1.8	0.21	0.121	0.348	0.271	0.41	0.597	1.082
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/68-12/28/76	23	0.17	0.2	0.44	0.04	0.012	0.112	0.07	0.11	0.28	0.382
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/68-12/28/76	23	0.05	0.089	0.26	0.005	0.006	0.078	0.014	0.03	0.14	0.227
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-11/16/76	7	3.8	7.686	24.	3.	57.401	7.576	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/21/75-12/28/76	19	4.	4.316	6.	2.	0.784	0.885	3.	4.	5.	5.
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/21/75-12/28/76	19	1.7	1.763	2.7	1.2	0.148	0.385	1.4	1.4	2.	2.5
00929	SODIUM, TOTAL (MG/L AS Na)	07/21/75-12/28/76	19	6.4	6.663	10.	4.1	2.751	1.659	4.4	5.2	8.	9.4
00937	POTASSIUM, TOTAL (MG/L AS K)	07/21/75-12/28/76	19	1.4	1.611	3.2	1.1	0.331	0.575	1.2	1.2	1.7	2.6
00940	CHLORIDE, TOTAL IN WATER (MG/L)	01/06/65-08/06/80	28	5.	6.071	22.	3.	16.735	4.091	3.	4.	5.75	12.1
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/75-08/06/80	19	11.	11.474	24.	7.	15.708	3.963	7.	9.	12.	18.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/21/75-12/28/76	19##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/21/75-12/28/76	19	12.	11.542	15.	6.3	3.417	1.849	10.	10.	13.	13.
01002	ARSENIC, TOTAL (UG/L AS AS)	08/18/75-11/16/76	7##	2.5	2.286	2.5	1.	0.321	0.567	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	08/18/75-11/16/76	7##	50.	57.143	100.	50.	357.143	18.898	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/18/75-11/16/76	7##	5.	5.	5.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/18/75-11/16/76	7	60.	61.429	100.	514.286	22.678	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/18/75-11/16/76	7##	0.5	0.857	3.	0.893	0.945	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/18/75-11/16/76	7##	2.5	3.143	7.	2.893	1.701	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/06/68-11/16/76	14	35.	129.643	680.	47494.093	217.931	7.5	17.5	100.	630.
01045	IRON, TOTAL (UG/L AS FE)	05/06/68-08/06/80	24	1400.	2333.75	15000.	11400224.457	3376.422	720.	1002.5	1900.	6800.
01046	IRON, DISSOLVED (UG/L AS FE)	05/06/68-12/28/76	23	150.	283.043	1300.	122528.953	350.041	39.	80.	230.	934.
01047	IRON, FERROUS (UG/L AS FE)	05/06/68-06/24/68	3	100.	341.667	900.	235208.333	484.983	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/18/75-11/16/76	7##	5.	7.	14.	5.	3.606	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/21/75-08/06/80	20	105.	157.5	710.	21956.579	148.178	71.	90.	160.	365.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/75-12/28/76	19	70.	89.474	210.	2127.485	46.125	40.	60.	120.	170.
01067	NICKEL, TOTAL (UG/L AS NI)	08/18/75-11/16/76	7##	25.	25.	25.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/18/75-11/16/76	7##	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/06/68-08/06/80	15	290.	3309.333	10000.	15139663.81	3890.972	36.	140.	7000.	10000.
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/18/75-11/16/76	7	1200.	1414.286	3200.	704761.905	839.501	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/18/75-11/16/76	7##	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/18/75-11/16/76	7##	1.	0.857	1.	0.06	0.244	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	08/18/75-11/16/76	7##	500.	500.	500.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,35C	05/06/68-08/06/80	11	2000.	5489.091	44000.	165316349.091	12857.541	10.	50.	3400.	35980.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	05/06/68-08/06/80	11	3.301	2.801	4.643	1.401	1.183	1.	1.699	3.531	4.433
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	05/06/68-08/06/80	11	2000.	5489.091	44000.	165316349.091	12857.541	10.	50.	3400.	35980.
31501	GEOMETRIC MEAN =			633.073								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	8	128.	1058.625	3600.	2089189.125	1445.403	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	8	1.949	1.902	3.556	0.	2.184	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/06/65-10/27/65	8	1.949	1.902	3.556	0.	2.184	**	**	**	**
31505	GEOMETRIC MEAN =			79.889								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	8	15.5	330.	2300.	642628.571	801.641	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	8	1.171	1.196	3.362	0.	1.519	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/65-10/27/65	8	1.171	1.196	3.362	0.	1.519	**	**	**	**
31615	GEOMETRIC MEAN =			15.696								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/68-08/06/80	21	320.	652.619	3050.	697174.048	834.969	12.	45.	1115.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/68-08/06/80	21	2.505	2.327	3.484	0.699	0.646	1.06	1.651	3.043	3.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/68-08/06/80	21	2.505	2.327	3.484	0.699	0.646	1.06	1.651	3.043	3.301
31616	GEOMETRIC MEAN =			212.417								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CAC03)	07/21/75-12/28/76	19	17.	18.053	25.	11.	8.275	2.877	16.	17.	20.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/75-08/06/80	20	50.	53.5	70.	20.	139.737	11.821	40.	50.	70.
71900	MERCURY, TOTAL (UG/L AS HG)	08/18/75-08/06/80	8##	0.1	0.15	0.5	0.1	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0266

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14		10/15-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	27	9	0.33	10	4	0.40	12	3	0.25	5	2	0.40	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	34 &	12	0.35	14	8	0.57	12	1	0.08	8	3	0.38	
00400	PH	Other-Hi Lim.	9.	36	0	0.00	16	0	0.00	12	0	0.00	8	0	0.00	
		Other-Lo Lim.	6.5	36	17	0.47	16	8	0.50	12	4	0.33	8	5	0.63	
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	0	0	0.00	3	0	0.00	
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	0	0	0.00	3	0	0.00	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	8	0	0.00	9	0	0.00	3	0	0.00	
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	28	0	0.00	11	0	0.00	12	0	0.00	5	0	0.00	
		Drinking Water	250.	28	0	0.00	11	0	0.00	12	0	0.00	5	0	0.00	
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	19	0	0.00	8	0	0.00	8	0	0.00	3	0	0.00	
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	19	0	0.00	7	0	0.00	9	0	0.00	3	0	0.00	
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
		Drinking Water	50.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
		Drinking Water	4.	0 &	0	0.00										
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
		Drinking Water	5.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	
01042	COPPER, TOTAL	Fresh Acute	18.	14	11	0.79	6	5	0.83	4	3	0.75	4	3	0.75	
		Drinking Water	1300.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00	

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0266

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051 LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
	Drinking Water	15.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
	Drinking Water	100.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	15	12	0.80	7	5	0.71	4	3	0.75	4	4	1.00			
	Drinking Water	5000.	15	5	0.33	7	3	0.43	4	0	0.00	4	2	0.50			
01147 SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
	Drinking Water	50.	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	7	0.64	2	1	0.50	6	4	0.67	3	2	0.67			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	3	0.38	3	1	0.33	3	1	0.33	2	1	0.50			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	2	0.25	3	1	0.33	3	0	0.00	2	1	0.50			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	12	0.57	7	6	0.86	10	4	0.40	4	2	0.50			
71900 MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
	Drinking Water	2.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	17	22.6	22.724	31.	13.	26.392	5.137	14.6	19.25	26.05	30.36
00061	FLOW, STREAM, INSTANTANEOUS CFS	15	65.	67.933	94.	45.	248.781	15.773	48.	52.	86.	92.8
00080	COLOR (PLATINUM-COBALT UNITS)	11	10.	15.273	57.	1.	249.418	15.793	1.8	5.	24.	50.8
00300	OXYGEN, DISSOLVED MG/L	16	2.6	3.256	8.8	0.05	7.609	2.758	0.05	1.3	5.05	8.03
00310	BOD, 5 DAY, 20 DEG C MG/L	13	15.	64.808	340.	1.2	12452.014	111.589	1.56	5.2	64.	316.
00400	PH (STANDARD UNITS)	16	5.4	5.1	7.6	2.9	3.811	1.952	2.9	3.125	6.9	7.32
00400	CONVERTED PH (STANDARD UNITS)	16	4.4	3.439	7.6	2.9	6.753	2.599	2.9	3.125	6.9	7.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	16	39.816	363.768	1258.925	0.025	214750.359	463.412	0.052	0.126	753.486	1258.925
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11	18.	30.455	200.	0.	3245.273	56.967	0.	0.	22.	164.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	9	0.36	1.299	4.6	0.15	2.733	1.653	0.15	0.17	2.75	4.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.33	0.607	2.5	0.07	0.557	0.746	0.07	0.19	0.71	2.5
00940	CHLORIDE, TOTAL IN WATER MG/L	11	5.	6.364	13.	3.	12.455	3.529	3.2	4.	10.	12.8
01045	IRON, TOTAL (UG/L AS FE)	9	1400.	2480.	11000.	800.	10401600.	3225.151	800.	1010.	1950.	11000.

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	14	8.6	8.743	19.	3.8	17.123	4.138	4.4	5.	10.7	15.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	12	120.	121.083	208.	62.	2104.992	45.88	62.9	84.	131.	205.6
00080	COLOR (PLATINUM-COBALT UNITS)	12	8.5	7.25	12.	3.	9.841	3.137	3.	3.5	9.75	11.4
00300	OXYGEN, DISSOLVED MG/L	12	9.2	8.825	11.2	3.	5.498	2.345	4.02	7.525	10.7	11.08
00310	BOD, 5 DAY, 20 DEG C MG/L	13	6.	8.623	20.	1.6	34.967	5.913	2.32	5.2	15.	18.8
00400	PH (STANDARD UNITS)	12	6.8	5.833	7.1	2.7	2.804	1.675	2.88	3.975	6.875	7.1
00400	CONVERTED PH (STANDARD UNITS)	12	6.8	3.617	7.1	2.7	8.162	2.857	2.88	3.975	6.875	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.158	241.477	1995.262	0.079	335547.379	579.265	0.079	0.134	299.079	1547.04
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	15.5	12.417	20.	0.	59.356	7.704	0.	3.5	17.75	19.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	9	0.53	0.74	2.2	0.11	0.388	0.623	0.11	0.41	0.98	2.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.19	0.224	0.52	0.1	0.019	0.137	0.1	0.14	0.29	0.52
00940	CHLORIDE, TOTAL IN WATER MG/L	12	4.	6.083	22.	3.	26.811	5.178	3.3	4.	5.75	17.8
01045	IRON, TOTAL (UG/L AS FE)	9	1100.	1087.778	1800.	380.	196594.444	443.39	380.	720.	1450.	1800.

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	8	20.5	21.05	26.	17.	11.334	3.367	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	8	104.	118.25	190.	83.	1238.786	35.196	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	7	10.	11.429	21.	5.	34.619	5.884	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	8	5.15	4.775	7.6	1.5	5.222	2.285	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	5	7.8	10.3	29.	2.	118.07	10.866	**	**	**	**
00400	PH (STANDARD UNITS)	8	4.3	4.85	6.6	3.2	2.263	1.504	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	8	4.289	3.769	6.6	3.2	3.598	1.897	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	8	51.453	170.212	630.957	0.251	62704.788	250.409	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	19.	16.6	45.	0.	342.3	18.501	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	6	1.85	1.53	2.8	0.15	1.282	1.132	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	6	1.	0.93	1.9	0.04	0.638	0.799	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	5	5.	5.4	10.	3.	7.3	2.702	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	6	1850.	3983.333	15000.	1200.	29385666.667	5420.855	**	**	**	**

** - Less than 9 observations # - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0267

NPS Station ID: BLRI0267 LAT/LON: 35.486115/ -82.620837
 Location: BENT CREEK NEAR AVERY CREEK NC INACT-730911
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105105100.43 RF3 Mile Point: 0.60
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): E2750000 /FRB030
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0267

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/72-09/11/73	6	19.5	19.5	22.	17.	3.5	1.871	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/06/73-09/11/73	4	82.5	72.5	100.	25.	1108.333	33.292	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/06/73-09/11/73	4	0.05	0.15	0.5	0.	0.057	0.238	**	**	**	**
00065	STAGE, STREAM (FEET)	06/06/73-09/11/73	4	4.74	4.698	4.8	4.51	0.018	0.135	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/06/72-09/11/73	6	9.3	9.	9.6	7.	0.976	0.988	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/06/72-09/11/73	6	98.	96.167	107.	76.	124.167	11.143	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/72-09/11/73	6	7.05	7.	7.7	6.1	0.28	0.529	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/72-09/11/73	6	7.025	6.702	7.7	6.1	0.387	0.622	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/72-09/11/73	6	0.094	0.199	0.794	0.02	0.087	0.295	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/72-09/11/73	6	7.	6.833	8.	5.	1.367	1.169	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/06/72-09/11/73	6	0.	0.	0.	0.	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/21/68-09/22/69	2	325.	325.	500.	150.	61250.	247.487	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/21/68-09/22/69	2	2.438	2.438	2.699	2.176	0.137	0.37	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			273.861								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/71-09/11/73	10	15.	72.5	560.	5.	29579.167	171.986	5.	5.	42.5	509.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/71-09/11/73	10	1.151	1.275	2.748	0.699	0.401	0.633	0.699	0.699	1.626	2.643
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.829								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0267

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	4	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	4	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	6	1	0.17	4	1	0.25				2	0	0.00			
31504	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	1	0.10	6	1	0.17	1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0268

NPS Station ID: BLRI0268
 Location: LAKE POWHATAN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE R
 Minor Basin: FRENCH BROAD R
 RF1 Index: 06010105
 RF3 Index: 06010105060400.43
 Description:

LAT/LON: 35.470281/ -82.633337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.54

Agency: 1118ATL8
 FIPS State/County: 37021 NORTH CAROLINA/BUNCOMBE
 STORET Station ID(s): 110750 /080100002751
 Within Park Boundary: No

Date Created: 08/10/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

SWIMMING AREA FECAL COLIFORM MONITORED WEEKLY DURING PERIOD OF USE BY M. F. METHOD.PH BY HACH COLOR/METER.ORIGINAL DATA AND MORE INFORMATION
 AVAILABLE AT NATIONAL FORESTS IN NORTH CAROLINA SUPERVISORS OFFICE ASHEVILLE,NC FTS 6720601 OR COMMERCIAL 7042582850 ESTABLISHED SWIMMING
 AREA LAKE POWHATAN SWIMMING BEACH IS LOCATED ON LAKE POWHATAN 9 MILES

Parameter Inventory for Station: BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	55	71.	69.7	78.8	56.	31.69	5.629	61.16	64.4	73.4	77.4
00400	PH (STANDARD UNITS)	06/16/74-08/29/77	40	6.35	6.292	7.2	3.8	0.623	0.789	5.12	5.925	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	06/16/74-08/29/77	40	6.347	5.235	7.2	3.8	1.771	1.331	5.12	5.925	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/74-08/29/77	40	0.45	5.824	158.489	0.063	640.352	25.305	0.079	0.1	1.194	7.65
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/24/84	169	13.	44.266	700.	0.	8964.982	94.684	0.	0.	40.	110.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/24/84	169	1.114	1.04	2.845	0.	0.612	0.782	0.	0.	1.602	2.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.973								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0268

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----										
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.								
00400	PH	9.	40	0	0.00	30	0	0.00	10	0	0.00	10	0	0.00								
	Other-Hi Lim.														6.5	40	24	0.60	30	15	0.50	
	Other-Lo Lim.														200.	169	8	0.05	101	6	0.06	
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	169	8	0.05	101	6	0.06	68	2	0.03											
															Other-Hi Lim.							
															Other-Lo Lim.							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	11	71.	70.091	75.	63.	15.291	3.91	63.2	68.	74.	74.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	11	79.	95.636	246.	18.	6569.455	81.052	18.2	22.	146.	241.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	11	1.898	1.814	2.391	1.255	0.177	0.421	1.26	1.342	2.164	2.383
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			65.203								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	14	72.	71.286	78.	62.	29.758	5.455	62.5	68.25	75.	78.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	28	22.	33.071	141.	3.	1267.18	35.597	7.5	11.	43.	72.6
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	28	1.342	1.326	2.149	0.477	0.178	0.421	0.86	1.041	1.633	1.847
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			21.186								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	16	68.45	67.281	77.	56.	43.758	6.615	57.47	60.925	72.95	75.74
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	16	19.5	59.875	299.	0.	9208.917	95.963	1.4	6.25	68.25	297.6
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	16	1.278	1.302	2.476	0.	0.51	0.714	0.211	0.795	1.833	2.474
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			20.049								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-08/29/77	14	71.6	70.571	78.8	59.	28.768	5.364	60.8	68.9	73.4	78.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	10.5	12.	40.	0.	93.692	9.679	1.	6.25	15.	29.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	1.021	0.942	1.602	0.	0.167	0.409	0.151	0.784	1.173	1.429
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8.745								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	10.	20.357	115.	0.	1286.401	35.866	0.	0.	20.	102.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	1.	0.758	2.061	0.	0.569	0.754	0.	0.	1.301	2.007
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			5.733								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	10.	23.	88.	2.	613.231	24.763	3.	4.	40.	66.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	14	1.	1.095	1.944	0.301	0.276	0.525	0.452	0.602	1.602	1.794
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		12.446									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	18	10.	66.111	700.	0.	26860.458	163.892	0.	0.	65.	187.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	18	1.	0.973	2.845	0.	0.859	0.927	0.	0.	1.785	2.187
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		9.403									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	20	5.	94.	610.	0.	32056.842	179.044	0.	0.	122.5	445.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	20	0.5	0.94	2.785	0.	1.154	1.074	0.	0.	2.033	2.648
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		8.711									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	15	0.	24.667	90.	0.	1012.381	31.818	0.	0.	50.	84.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	15	0.	0.784	1.954	0.	0.772	0.879	0.	0.	1.699	1.924
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		6.087									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	19	0.	17.368	110.	0.	1076.023	32.803	0.	0.	20.	90.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	19	0.	0.562	2.041	0.	0.624	0.79	0.	0.	1.301	1.954
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		3.647									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	101	19.	54.069	610.	0.	9427.345	97.095	0.	5.	60.	141.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	101	1.279	1.182	2.785	0.	0.616	0.785	0.	0.699	1.778	2.149
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		15.22									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	68	8.5	29.706	700.	0.	8048.658	89.714	0.	0.	22.	74.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/24/84	68	0.929	0.829	2.845	0.	0.539	0.734	0.	0.	1.342	1.871
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		6.749									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0269

NPS Station ID: BLRI0269 LAT/LON: 35.406948/ -82.646392
 Location: NORTH FORK MILLS RIVER ABOVE MILLS RIVER N C
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 06010105030 RF1 Mile Point: 1.380
 RF3 Index: 06010105002613.36 RF3 Mile Point: 17.23
 Description:

Agency: 112WRD
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 03445376
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.13

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0269

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/73-03/30/77	5	15.6	13.72	17.	10.	11.792	3.434	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/23/73-04/22/76	3	5.	4.	7.	0.	13.	3.606	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/73-03/10/78	6	13.5	14.167	18.	12.	5.767	2.401	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/22/76-07/26/76	2	10.1	10.1	10.2	10.	0.02	0.141	**	**	**
00400	PH (STANDARD UNITS)	10/23/73-04/22/76	3	6.3	6.567	7.1	6.3	0.213	0.462	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/73-04/22/76	3	6.3	6.443	7.1	6.3	0.236	0.486	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/73-04/22/76	3	0.501	0.361	0.501	0.079	0.059	0.244	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/73-04/22/76	3	4.	3.267	4.8	1.	4.013	2.003	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/73-04/22/76	3	5.	5.333	7.	4.	2.333	1.528	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/23/73-04/22/76	3	6.	6.333	8.	5.	2.333	1.528	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/23/73-04/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/08/74-03/10/78	4	0.175	0.235	0.46	0.13	0.023	0.152	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/08/74-03/10/78	4	0.11	0.143	0.26	0.09	0.006	0.079	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	4	0.04	0.105	0.32	0.02	0.021	0.145	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/74-03/10/78	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/30/77-03/10/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/30/77-03/10/78	2	0.135	0.135	0.19	0.08	0.006	0.078	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/08/74-03/10/78	4	0.045	0.11	0.32	0.03	0.02	0.141	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/08/74-03/10/78	4	0.065	0.05	0.07	0.	0.001	0.034	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/74-03/10/78	4	0.11	0.148	0.27	0.1	0.007	0.082	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/74-03/10/78	4	0.065	0.087	0.19	0.03	0.005	0.071	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/08/74-03/10/78	4	0.07	0.09	0.2	0.02	0.006	0.077	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/08/74-03/10/78	4	0.	0.008	0.03	0.	0.	0.015	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/74-03/10/78	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/74-03/10/78	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/74-03/10/78	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/73-04/22/76	3	4.	4.333	5.	4.	0.333	0.577	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/23/73-04/22/76	3	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/73-04/22/76	3	1.2	1.067	1.2	0.8	0.053	0.231	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/73-04/22/76	3	0.4	0.4	0.5	0.3	0.01	0.1	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/73-04/22/76	3	1.1	1.033	1.2	0.8	0.043	0.208	**	**	**
00931	SODIUM ADSORPTION RATIO	10/23/73-04/22/76	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00932	SODIUM, PERCENT	10/23/73-04/22/76	3	30.	31.	34.	29.	7.	2.646	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/73-04/22/76	3	0.5	0.6	0.9	0.4	0.07	0.265	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/23/73-04/22/76	3	0.7	0.667	1.	0.3	0.123	0.351	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/73-04/22/76	3	2.	3.	6.	1.	7.	2.646	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/73-04/22/76	3	0.2	0.267	0.5	0.1	0.043	0.208	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0269

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/73-04/22/76	3	6.8	7.067	7.6	6.8	0.213	0.462	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/26/76-03/10/78	3###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/26/76-03/10/78	3###	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/26/76-03/10/78	3###	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/26/76-03/10/78	3###	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/26/76-03/10/78	3###	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	07/26/76-03/10/78	3	2.	2.667	6.	0.	9.333	3.055	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/26/76-03/10/78	3	4.	3.333	6.	0.	9.333	3.055	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/26/76-03/10/78	3	750.	693.333	1200.	130.	288633.333	537.246	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/76-03/10/78	3	20.	30.	50.	20.	300.	17.321	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/26/76-03/10/78	3	4.	4.333	8.	1.	12.333	3.512	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	07/26/76-03/10/78	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/26/76-03/10/78	3	4.	4.667	7.	3.	4.333	2.082	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/26/76-03/10/78	3###	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	03/30/77-03/10/78	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/30/77-03/10/78	2##	15.	15.	20.	10.	50.	7.071	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/26/76-03/10/78	3###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-04/22/76	3	13.	13.667	23.	5.	81.333	9.018	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-04/22/76	3	15.	17.	21.	15.	12.	3.464	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-04/22/76	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/08/74-03/10/78	4##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/08/74-03/10/78	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/08/74-03/10/78	4	0.8	1.05	2.	0.6	0.41	0.64	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/26/76-03/10/78	3###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-08/07/78	3	30.	39.333	73.	15.	906.333	30.105	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0269

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0269

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01090 ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	5000.	3	0	0.00	1	0	0.00	2	0	0.00						
01091 ZINC, SUSPENDED	Fresh Acute	120.	2	0	0.00				2	0	0.00						
	Drinking Water	5000.	2	0	0.00				2	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				2	0	0.00						
	Drinking Water	5000.	2	0	0.00				2	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0270

NPS Station ID: BLRI0270 LAT/LON: 35.406948/ -82.646392
 Location: BRIDGE AT NORTH FORK MILLS RIVER RECREATION AREA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 7786 0320
 RMI-Miles: 0953.80 0046.50 652.10 169.20 005.90 002.80
 HUC: 06010105 Depth of Water: 0
 Major Basin: FRENCH BROAD RIVER BASIN Elevation: 0
 Minor Basin: NORTH FORK MILLS RIVER 2.8
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105094302.73 RF3 Mile Point: 2.87
 Description:

Agency: 131TVAC
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 360079 /5777
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 27.10
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0270

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/67-05/26/67	9	10.5	9.011	16.	0.	27.999	5.291	0.	4.	12.8	16.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/67-05/26/67	9	35.	37.556	53.	28.	84.028	9.167	28.	31.	46.	53.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/67-05/26/67	9##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/67-05/26/67	9	10.	11.667	35.	5.	93.75	9.682	5.	5.	15.	35.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/67-01/24/67	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/67-05/05/67	8	18.	18.25	22.	17.	2.786	1.669	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/24/67-05/26/67	9	9.7	9.422	13.1	1.2	11.699	3.42	1.2	9.	11.6	13.1
00400	PH (STANDARD UNITS)	01/24/67-05/26/67	9	7.1	7.133	7.6	6.4	0.165	0.406	6.4	6.85	7.55	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/24/67-05/26/67	9	7.1	6.957	7.6	6.4	0.2	0.447	6.4	6.85	7.55	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/67-05/26/67	9	0.079	0.11	0.398	0.025	0.014	0.118	0.025	0.028	0.142	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/24/67-05/26/67	9	4.	5.	7.	3.	2.25	1.5	3.	4.	6.5	7.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/67-05/26/67	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/24/67-04/28/67	5	20.	26.	40.	20.	80.	8.944	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/67-05/26/67	8	10.	12.5	20.	5.	42.857	6.547	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/67-05/26/67	9	0.08	0.08	0.18	0.005	0.004	0.066	0.005	0.008	0.145	0.18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/67-05/26/67	9##	0.005	0.037	0.11	0.005	0.002	0.045	0.005	0.005	0.08	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/67-05/26/67	9	0.01	0.013	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/67-05/26/67	9	0.03	0.031	0.08	0.005	0.	0.022	0.005	0.015	0.04	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/67-05/26/67	9	0.013	0.076	0.424	0.007	0.019	0.138	0.007	0.01	0.093	0.424
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/67-05/26/67	9	0.013	0.023	0.068	0.003	0.001	0.023	0.003	0.009	0.039	0.068
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/24/67-05/26/67	9	1.	1.444	3.5	1.	0.653	0.808	1.	1.	1.5	3.5
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	01/24/67-05/26/67	9	0.5	0.889	2.	0.5	0.424	0.651	0.5	0.5	1.5	2.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	01/24/67-05/26/67	9	6.	7.	17.	4.	18.5	4.301	4.	4.	9.	17.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0270

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00			5	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11			5	1	0.20	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	9	0	0.00			5	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	9	1	0.11			5	0	0.00	4	1	0.25			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00			5	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0270

Parameter	Std. Type	Std. Value	Total			-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Exceed	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00				5	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0271

NPS Station ID: BLRI0271
 Location: FLETCHER CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD MILLS RIVER
 RF1 Index: 06010105030
 RF3 Index: 06010105005100.00

LAT/LON: 35.420004/ -82.676393

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 3.730
 RF3 Mile Point: 0.00

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110731
 Within Park Boundary: No

Date Created: 09/27/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECT OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SUSPENDED SEDIMENT CONCENTRATIONS. TWO BASE FLOW SAMPLES AND ONE STORM SAMPLE WILL BE COLLECTED EACH MONTH. SAMPLES WILL BE ANALYZED FOR TOTAL NONFILTERABLE RESIDUE AT THE PISGAH RANGER DISTRICT WATER LAB, PISGAH FOREST, N.C. STUDY DURATION WILL BE FOUR YEARS; TWO YEARS PRE-

Parameter Inventory for Station: BLRI0271

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	13	2.	2.027	4.	0.25	2.83	1.682	0.25	0.25	4.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0272

NPS Station ID: BLRI0272
 Location: MIDDLE FORK 2
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105030
 RF3 Index: 06010105002904.27

LAT/LON: 35.427226/ -82.676393

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.580
 RF3 Mile Point: 4.66

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110735
 Within Park Boundary: No

Date Created: 09/12/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1: OFF
 On/Off RF3:

Description:
 STATION IS LOCATED ON MIDDLE FORK ABOUT 300 YARDS ABOVE ITS CONFLUENCE WITH FLETCHER CREEK. PART OF A STUDY TO MONITOR THE EFFECTS OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SEDIMENT LOADS. SEE STATIONS 110731 - 110737

Parameter Inventory for Station: BLRI0272

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00065 STAGE, STREAM (FEET)	08/02/82-06/04/84	23	0.26	0.293	0.62	0.03	0.025	0.16	0.124	0.16	0.4	0.558
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/82-06/04/84	23	3.	3.478	5.	2.	0.806	0.898	2.	3.	4.	5.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	23 ##	0.025	0.029	0.06	0.025	0.	0.01	0.025	0.025	0.025	0.05
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	23	0.03	0.028	0.06	0.01	0.	0.017	0.01	0.01	0.04	0.056
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/02/82-06/04/84	23	0.6	0.635	0.9	0.5	0.017	0.13	0.5	0.5	0.7	0.8
00927 MAGNESIUM, TOTAL (MG/L AS Mg)	08/02/82-06/04/84	23	0.4	0.365	0.5	0.3	0.003	0.057	0.3	0.3	0.4	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0272

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	7	0	0.00	10	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0273

NPS Station ID: BLRI0273
 Location: BIG CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD MILLS RIVER
 RF1 Index: 06010105030
 RF3 Index: 06010105003003.87

LAT/LON: 35.418892/ -82.677226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 3.870
 RF3 Mile Point: 5.94

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110733
 Within Park Boundary: No

Date Created: 09/27/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECT OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SUSPENDED SEDIMENT CONCENTRATIONS. TWO BASE FLOW SAMPLES AND ONE STORM SAMPLE WILL BE COLLECTED EACH MONTH. SAMPLES WILL BE ANALYZED FOR TOTAL NONFILTERABLE RESIDUE AT THE PISGAH RANGER DISTRICT WATER LAB, PISGAH FOREST, N. C. STUDY DURATION WILL BE FOUR YEARS; TWO YEARS PRE-

Parameter Inventory for Station: BLRI0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	12 ##	0.7	1.304	5.	0.25	2.006	1.416	0.25	0.25	2.	4.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0274

NPS Station ID: BLRI0274
 Location: FLETCHER CREEK UPPER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105030
 RF3 Index: 06010105007900.00

LAT/LON: 35.427503/ -82.680281

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.580
 RF3 Mile Point: 0.32

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110734
 Within Park Boundary: No

Date Created: 01/03/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECT OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SUSPENDED SEDIMENT CONCENTRATIONS. TWO BASE SAMPLES AND ONE STORM SAMPLE WILL BE COLLECTED EACH MONTH. SAMPLES WILL BE ANALYZED FOR TOTAL NONFILTERABLE RESIDUE AT THE REGION 9 WATER QUALITY LAB. STUDY DURATION WILL BE FOUR YEARS; TWO YEARS PRETRATMENT AND TWO YEARS

Parameter Inventory for Station: BLRI0274

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/28/81	14	2.	3.232	17.	0.25	19.235	4.386	0.25	0.25	4.25	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0275

NPS Station ID: BLRI0275
 Location: MIDDLE FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD MILLS RIVER
 RF1 Index: 06010105030
 RF3 Index: 06010105007900.00

LAT/LON: 35.427503/ -82.680559

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.580
 RF3 Mile Point: 0.24

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110732
 Within Park Boundary: No

Date Created: 09/27/80

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Description:
 STUDY TO MONITOR THE EFFECT OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SUSPENDED SEDIMENT CONCENTRATIONS. TWO BASE FLOW SAMPLES AND ONE STORM SAMPLE WILL BE COLLECTED EACH MONTH. SAMPLES WILL BE ANALYZED FOR TOTAL NONFILTERABLE RESIDUE AT THE PISGAH RANGER DISTRICT WATER LAB, PISGAH FOREST, N.C. STUDY DURATION WILL BE FOUR YEARS; TWO YEARS PRE-

Parameter Inventory for Station: BLRI0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/80-09/04/81	13	1.	2.692	6.	0.25	6.002	2.45	0.25	0.25	5.	6.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: BLRI0276

NPS Station ID: BLRI0276
 Location: SPENCER BRANCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105063100.52

LAT/LON: 35.434170/ -82.683893

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.58

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110737
 Within Park Boundary: No

Date Created: 09/12/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON SPENCER BRANCH ABOUT 200 YARDS ABOVE ITS CONFLUENCE WITH FLETCHER CREEK. PART OF A STUDY TO MONITOR THE EFFECTS OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SEDIMENT LOADS. SEE STATIONS 110731 -110737

Parameter Inventory for Station: BLRI0276

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00065 STAGE, STREAM (FEET)	08/02/82-06/04/84	23	0.12	0.148	0.41	0.04	0.008	0.09	0.044	0.07	0.2	0.272
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/82-06/04/84	23	4.	4.565	7.	2.	1.984	1.409	3.	3.	6.	6.6
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	23 ##	0.025	0.037	0.22	0.025	0.002	0.041	0.025	0.025	0.025	0.06
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	23	0.03	0.033	0.06	0.01	0.	0.018	0.01	0.02	0.05	0.06
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/02/82-06/04/84	23	0.9	0.883	1.5	0.6	0.057	0.239	0.6	0.7	1.1	1.2
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/02/82-06/04/84	23	0.5	0.478	0.8	0.4	0.008	0.09	0.4	0.4	0.5	0.56

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0276

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	7	0	0.00	10	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0277

NPS Station ID: BLRI0277
 Location: FLETCHER CREEK 2
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105030
 RF3 Index: 06010105003003.87

LAT/LON: 35.433893/ -82.684449

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 4.820
 RF3 Mile Point: 5.69

Agency: 1118ATL8
 FIPS State/County: 37089 NORTH CAROLINA/HENDERSON
 STORET Station ID(s): 110736
 Within Park Boundary: No

Date Created: 09/12/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.20

On/Off RF1: OFF
 On/Off RF3:

Description:
 STATION IS LOCATED ON FLETCHER CREEK ABOUT 200 YARDS ABOVE ITS CONFLUENCE WITH SPENCER BRANCH. PART OF A STUDY TO MONITOR THE EFFECTS OF ROAD CONSTRUCTION AND TIMBER HARVESTING ON STREAM SEDIMENT LOADS. SEE STATIONS 110731 - 110737

Parameter Inventory for Station: BLRI0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00065 STAGE, STREAM (FEET)	08/02/82-06/04/84	23	0.22	0.235	0.46	0.08	0.011	0.107	0.104	0.15	0.31	0.432
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/82-06/04/84	23	4.	4.304	6.	3.	1.312	1.146	3.	3.	5.	6.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/82-06/04/84	23 ##	0.025	0.027	0.06	0.025	0.	0.007	0.025	0.025	0.025	0.025
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/82-06/04/84	23	0.02	0.026	0.06	0.01	0.	0.016	0.01	0.01	0.04	0.052
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/02/82-06/04/84	23	0.8	0.765	1.1	0.5	0.029	0.17	0.6	0.6	0.9	1.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/02/82-06/04/84	23	0.5	0.461	0.6	0.4	0.004	0.066	0.4	0.4	0.5	0.56

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0277

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	7	0	0.00	10	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0278

NPS Station ID: BLRI0278
 Location: BRADLEY CREEK - LOWER 2 - ST
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105008303.41

LAT/LON: 35.382392/ -82.714254

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.47

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110720 /112107
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 19.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON BRADLEY CREEK, APPROXIMATELY 200 FT. DOWNSTREAM OF CONFLUENCE WITH UNNAMED TRIBUTARY FLOWING OUT OF PILOT COVE. THERE ARE TWO ADDITIONAL STATIONS (NUMBERS 110719 AND 110721) REPORTED IN THIS EXA CT LOCATION. THESE TWO STATIONS ARE USED FOR STORING RESULTS OF REPLICATE CHEMICAL ANALYSIS OF IDENTICAL SAMPLES FOR THE PURPOSE OF COMPARING

Parameter Inventory for Station: BLRI0278

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-09/09/76	12	57.	56.917	60.	54.	3.902	1.975	54.3	55.	59.	59.7
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	02/24/77-04/24/77	84	0.05	0.195	8.	0.	0.76	0.872	0.	0.	0.15	0.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/77-04/24/77	83	2.	4.205	36.	0.	42.994	6.557	0.	1.	4.	8.6
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/19/76-08/31/76	10	13.5	13.8	19.	11.	6.4	2.53	11.	11.75	15.25	18.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-09/09/76	12	9.3	9.242	10.3	8.2	0.426	0.653	8.29	8.625	9.75	10.21
00400	PH (STANDARD UNITS)	07/19/76-09/09/76	12	5.95	5.938	6.4	5.5	0.101	0.318	5.515	5.625	6.213	6.385
00400	CONVERTED PH (STANDARD UNITS)	07/19/76-09/09/76	12	5.925	5.837	6.4	5.5	0.112	0.334	5.515	5.625	6.212	6.385
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/09/76	12	1.19	1.454	3.162	0.398	0.951	0.975	0.413	0.62	2.383	3.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/19/76-09/09/76	12	5.	4.833	5.	3.	0.333	0.577	3.6	5.	5.	5.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/77-04/24/77	86	8.	322.808	7724.	0.5	1668448.195	1291.684	2.7	4.75	26.	191.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/24/77-04/24/77	86	4.	13.029	173.	0.5	898.837	29.981	0.5	2.75	7.	15.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	02/24/77-04/24/77	86	5.	309.564	7588.	0.5	1609916.846	1268.825	0.5	2.	20.	179.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/09/76	12	1.35	1.563	3.1	0.75	0.529	0.727	0.759	0.992	2.213	2.884
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	12	0.045	0.055	0.19	0.	0.003	0.058	0.	0.	0.08	0.169
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/19/76-09/09/76	12	2.	2.25	3.	2.	0.205	0.452	2.	2.	2.75	3.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/19/76-09/09/76	12	1.	1.1	1.6	0.8	0.12	0.346	0.8	0.8	1.5	1.6
00940	CHLORIDE, TOTAL IN WATER MG/L	07/19/76-09/09/76	12	0.5	0.525	0.8	0.4	0.018	0.136	0.4	0.4	0.6	0.77
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/09/76	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01045	IRON, TOTAL (UG/L AS FE)	07/19/76-09/09/76	12	25.	28.333	80.	10.	306.061	17.495	13.	20.	30.	65.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0278

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	83	0	0.00												
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00	55	0	0.00	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0278

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400 PH	Other-Hi Lim.	9.	12	0	0.00	12	0	0.00										
	Other-Lo Lim.	6.5	12	12	1.00	12	12	1.00										
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	12	0	0.00										
	Fresh Acute	860.	12	0	0.00	12	0	0.00										
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	12	0	0.00	12	0	0.00										
	Drinking Water	250.	12	0	0.00	12	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0279

NPS Station ID: BLRI0279
 Location: BRADLEY CREEK - LOWER 1 - ST
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105008304.64

LAT/LON: 35.382392/ -82.714254

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.65

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110719
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 18.30
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON BRADLEY CREEK, APPROXIMATELY 200 FT. DOWNSTREAM OF CONFLUENCE WITH UNNAMED TRIBUTARY FLOWING OUT OF PILOT COVE. STATION ORIGINALLY DESIGNATED TO MONITOR WATER QUALITY IMPACTS OF TIMBER SALE. AS SOCIATE STATION NUMBERS ARE 110716, 110717 AND 110718. ALSO, THERE ARE TWO ADDITIONAL STATIONS (NUMBERS 110720 AND 110721) REPORTED IN THIS EXA

Parameter Inventory for Station: BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-09/09/76	12	57.	56.917	60.	54.	3.902	1.975	54.3	55.	59.	59.7
00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	09/21/79-09/21/79	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	690	0.	0.072	1.41	0.	0.025	0.157	0.	0.	0.1	0.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/77-04/24/77	80	5.	12.913	97.	0.	405.094	20.127	0.	0.	15.	45.
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	563	1.8	3.587	60.	0.	35.218	5.934	0.5	1.	3.5	7.96
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/19/76-08/31/76	10	13.5	13.8	19.	11.	6.4	2.53	11.	11.75	15.25	18.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-09/09/76	12	9.3	9.242	10.3	8.2	0.426	0.653	8.29	8.625	9.75	10.21
00400	PH (STANDARD UNITS)	07/19/76-09/09/76	12	5.95	5.938	6.4	5.5	0.101	0.318	5.515	5.625	6.213	6.385
00400	CONVERTED PH (STANDARD UNITS)	07/19/76-09/09/76	12	5.925	5.837	6.4	5.5	0.112	0.334	5.515	5.625	6.212	6.385
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/09/76	12	1.19	1.454	3.162	0.398	0.951	0.975	0.413	0.62	2.383	3.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/19/76-09/09/76	12	4.	4.	5.	3.	0.182	0.426	3.3	4.	4.	4.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	690	6.	163.575	9999.	0.5	908474.095	953.139	2.	3.	21.	110.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	690	3.	8.71	547.	0.	855.044	29.241	0.5	1.	6.	15.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	690	3.	155.935	9999.	0.	889300.941	943.028	0.5	1.	15.	86.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/09/76	12	0.03	0.032	0.07	0.01	0.	0.016	0.013	0.02	0.04	0.064
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	12	0.035	0.048	0.2	0.005	0.003	0.053	0.007	0.013	0.055	0.167
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/19/76-09/09/76	12	2.	2.333	3.	2.	0.242	0.492	2.	2.	3.	3.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/19/76-09/09/76	12	0.8	0.7	0.8	0.4	0.033	0.181	0.4	0.5	0.8	0.8
00940	CHLORIDE, TOTAL IN WATER MG/L	07/19/76-09/09/76	12	0.8	0.817	1.	0.5	0.031	0.175	0.5	0.8	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/09/76	12	2.	1.25	3.	0.	1.295	1.138	0.	0.	2.	2.7
01045	IRON, TOTAL (UG/L AS FE)	07/19/76-09/09/76	12	65.	66.667	100.	50.	260.606	16.143	50.	50.	80.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0279

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	80	6	0.08				53	5	0.09	27	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	50.	563	2	0.00	174	0	0.00	300	1	0.00	89	1	0.01			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	12	0	0.00	12	0	0.00									
00400	PH	9.	12	0	0.00	12	0	0.00									
	Other-Lo Lim.	6.5	12	12	1.00	12	12	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	12	0	0.00	12	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	860.	12	0	0.00	12	0	0.00									
	Fresh Acute	250.	12	0	0.00	12	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	12	0	0.00	12	0	0.00									
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1976 - Station BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	14	0.	0.025	0.3	0.	0.006	0.08	0.	0.	0.175
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	14	1.4	1.5	2.8	0.1	0.403	0.635	0.55	1.175	2.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	7.	7.571	17.	3.	13.033	3.61	3.5	4.	9.25
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	6.5	6.643	16.	2.	11.786	3.433	2.5	4.	8.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	1.	0.964	3.	0.	0.556	0.746	0.25	0.5	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	164	0.	0.056	0.85	0.	0.013	0.114	0.	0.	0.065
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	164	1.8	3.494	53.	0.4	34.259	5.853	0.7	1.1	3.175
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	164	5.	171.576	7725.	0.5	895764.855	946.449	1.	2.	10.75
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	164	3.	8.177	174.	0.	504.257	22.456	0.5	1.	12.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	164	2.	163.284	7588.	0.	863289.838	929.134	0.	0.5	30.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	224	0.	0.096	1.41	0.	0.046	0.215	0.	0.	0.145
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	224	1.5	3.249	35.	0.	22.726	4.767	0.4	0.9	8.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	224	9.	337.205	9999.	0.5	2087803.292	1444.923	2.5	5.	44.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	224	4.	13.232	547.	0.5	2097.583	45.799	1.	2.	18.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	224	5.	327.241	9999.	0.5	2055344.188	1433.647	1.	3.	416.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	103	0.1	0.091	0.6	0.	0.01	0.098	0.	0.	0.23
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	103	3.3	6.05	60.	0.5	79.154	8.897	0.84	1.9	15.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	103	8.	52.971	808.	0.5	16245.082	127.456	1.	3.	42.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	103	2.	6.82	53.	0.	98.21	9.91	1.	1.	20.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	103	6.	46.214	794.	0.	14734.498	121.386	0.5	2.	98.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	185	0.	0.052	1.2	0.	0.017	0.131	0.	0.	0.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	58	1.	1.29	4.5	0.4	0.748	0.865	0.5	0.675	2.53
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	185	4.	19.635	461.	0.5	2687.15	51.838	1.	2.	42.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	185	2.	4.916	76.	0.	115.663	10.755	1.	1.	10.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	185	2.	14.816	390.	0.	1764.746	42.009	0.	1.	32.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0280

NPS Station ID: BLRI0280
 Location: BRADLEY CREEK - LOWER 3 - ST
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105008303.41
 Description:

LAT/LON: 35.382392/ -82.714254

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.47

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110721
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 19.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

STATION IS LOCATED ON BRADLEY CREEK, APPROXIMATELY 200 FT. DOWNSTREAM OF CONFLUENCE WITH UNNAMED TRIBUTARY FLOWING OUT OF PILOT COVE. THERE ARE TWO ADDITIONAL STATIONS (NUMBERS 110719 AND 110720) REPORTED IN THIS EXACT LOCATION. THESE TWO STATIONS ARE USED FOR STORING RESULTS OF REPLICATE CHEMICAL ANALYSIS OF IDENTICAL SAMPLES FOR THE PURPOSE OF COMPARING

Parameter Inventory for Station: BLRI0280

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/19/76-03/26/79	30	55.	51.317	61.	32.	67.284	8.203	37.4	45.75	57.	59.9
00040	WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	2	0.	0.	0.	0.	0.	**	**	**	**	
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/06/77-11/12/77	159	0.	0.113	8.	0.	0.412	0.642	0.	0.1	0.2	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/06/77-11/12/77	166	1.9	3.26	32.	0.07	18.654	4.319	0.9	1.3	3.125	7.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-03/26/79	19	11.	12.105	19.	9.	7.322	2.706	9.	10.	14.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/77-08/04/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/19/76-03/26/79	25	10.	10.216	14.3	0.	7.778	2.789	8.46	9.1	12.1	13.7
00400	PH (STANDARD UNITS)	07/19/76-05/12/78	23	5.8	5.852	7.3	3.7	0.573	0.757	5.24	5.4	6.35	6.86
00400	CONVERTED PH (STANDARD UNITS)	07/19/76-05/12/78	23	5.8	4.969	7.3	3.7	1.389	1.178	5.24	5.4	6.35	6.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-05/12/78	23	1.585	10.744	199.526	0.05	1697.292	41.198	0.139	0.447	3.981	5.79
00403	PH, LAB, STANDARD UNITS SU	08/31/76-01/13/77	2	5.7	5.7	5.8	5.6	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/31/76-01/13/77	2	5.689	5.689	5.8	5.6	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/76-01/13/77	2	2.048	2.048	2.512	1.585	0.43	0.655	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/19/76-03/26/79	30	4.	4.2	6.	2.	1.131	1.064	3.	3.75	5.	5.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/77-11/12/77	166	6.	169.892	7724.	0.5	884814.491	940.646	0.5	3.	11.	44.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/06/77-11/12/77	166	3.	8.521	173.	0.5	492.601	22.195	0.5	1.	6.	12.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/06/77-11/12/77	166	2.	161.443	7588.	0.5	853086.489	923.627	0.5	0.5	6.	30.3
00600	NITROGEN, TOTAL (MG/L AS N)	07/19/76-03/26/79	30	0.2	0.219	0.46	0.05	0.011	0.106	0.073	0.14	0.315	0.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	9	0.23	0.244	0.46	0.05	0.013	0.113	0.05	0.185	0.305	0.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-03/26/79	21 ##	0.01	0.02	0.08	0.01	0.	0.021	0.01	0.01	0.015	0.058
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/76-03/26/79	29	0.03	0.045	0.28	0.01	0.003	0.056	0.01	0.015	0.045	0.12
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/76-09/09/76	12 ##	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/19/76-03/26/79	29	2.	2.407	5.	0.	1.13	1.063	1.	2.	3.	4.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/19/76-03/26/79	30	0.4	0.51	1.4	0.1	0.094	0.307	0.21	0.3	0.6	0.99
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/19/76-07/19/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K	10/18/76-03/26/79	18	0.21	0.219	0.39	0.12	0.005	0.072	0.138	0.17	0.253	0.381
00940	CHLORIDE, TOTAL IN WATER MG/L	07/19/76-03/26/79	30	0.5	0.54	1.	0.1	0.034	0.185	0.31	0.5	0.6	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-03/26/79	30 ##	0.25	0.645	3.	0.25	0.431	0.657	0.25	0.25	0.925	1.9
01045	IRON, TOTAL (UG/L AS FE)	07/19/76-03/26/79	30	90.	93.333	290.	25.	3391.954	58.24	25.	50.	120.	174.
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/08/76-10/19/78	13	129.	328.	1300.	44.	180307.167	424.626	48.	97.	372.5	1260.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	12/08/76-10/19/78	13	2.111	2.262	3.114	1.643	0.211	0.459	1.679	1.984	2.556	3.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0280

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			182.676								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0280

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	166	0	0.00	39	0	0.00	99	0	0.00	28	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	1	0.04	13	0	0.00	9	1	0.11	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	23	0	0.00	13	0	0.00	6	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	23	19	0.83	13	12	0.92	6	5	0.83	4	2	0.50			
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00	1	1	1.00						
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00	15	0	0.00	5	0	0.00	1	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	30	0	0.00	15	0	0.00	11	0	0.00	4	0	0.00			
	Drinking Water	250.	30	0	0.00	15	0	0.00	11	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	30	0	0.00	15	0	0.00	11	0	0.00	4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	2	0.15	2	1	0.50	8	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0281

NPS Station ID: BLRI0281
 Location: BRADLEY CREEK - MIDDLE - ST
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105008304.64

LAT/LON: 35.382392/ -82.715727

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 6.93

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110718
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.80
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON BRADLEY CREEK, APPROXIMATELY 100 FT. UPSTREAM FROM CONFLUENCE WITH UNNAMED TRIBUTARY FLOWING OUT OF PILOT COVE. STATION ORIGINALLY DESIGNATED TO MONITOR WATER QUALITY IMPACTS OF A TIMBER SALE AND A USFS SYSTEM ROAD. ASSOCIATE STATION NUMBERS ARE 110716, 110717 AND 110719. ELEV.# 3100 FT. WATERSHED AREA # 849 ACRES.

Parameter Inventory for Station: BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00040 WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	780	0.	0.067	1.41	0.	0.022	0.148	0.	0.	0.1	0.2
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	653	2.2	4.154	60.	0.1	37.477	6.122	0.7	1.2	4.15	9.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	780	10.	65.315	4488.	0.5	75289.554	274.389	2.	4.	30.	104.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	780	4.	9.847	228.	0.	456.827	21.374	0.5	2.	8.	21.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	780	6.	55.496	4474.	0.	68432.812	261.597	0.5	2.	21.	82.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0281

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	653	2	0.00	238	0	0.00	353	2	0.01	62	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1976 - Station BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	14	0.	0.025	0.3	0.	0.006	0.08	0.	0.	0.175
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	14	1.9	1.929	3.7	0.8	0.575	0.758	0.85	1.35	2.375
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	6.5	6.071	8.	3.	1.918	1.385	3.5	5.	7.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	5.	4.786	6.	2.	1.104	1.051	3.	4.	5.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	1.	1.357	2.	1.	0.247	0.497	1.	1.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	165	0.	0.056	0.85	0.	0.013	0.114	0.	0.	0.085
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	165	2.1	4.348	50.	0.4	44.375	6.661	0.9	1.3	3.85
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	165	6.	107.1	4488.	0.5	249516.379	499.516	0.5	2.	22.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	165	4.	11.058	228.	0.5	944.315	30.73	0.5	1.	6.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	165	2.	96.191	4474.	0.5	229605.925	479.172	0.5	0.5	14.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	278	0.	0.079	1.41	0.	0.038	0.194	0.	0.	0.08
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	278	2.4	3.966	45.	0.1	28.818	5.368	0.4	1.275	4.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	278	16.	82.574	2418.	0.5	52687.903	229.538	4.	8.	64.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	278	6.	11.986	204.	0.5	406.494	20.162	0.5	4.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	278	10.	70.576	2339.	0.	47912.211	218.889	2.	4.	46.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	139	0.05	0.079	0.6	0.	0.009	0.094	0.	0.	0.1
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	139	3.	5.622	60.	0.4	60.222	7.76	0.8	1.6	5.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	139	11.	27.083	246.	0.5	1696.053	41.183	2.	4.	26.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	139	4.	7.968	68.	0.	112.667	10.614	1.	2.	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	139	6.	19.058	178.	0.	981.725	31.332	1.	2.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	184	0.	0.052	1.2	0.	0.017	0.131	0.	0.	0.05
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	57	1.1	1.472	5.5	0.5	1.113	1.055	0.6	0.7	1.95
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	184	6.	35.158	1080.	1.	11533.86	107.396	3.	3.	14.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	184	2.	7.334	140.	0.	378.766	19.462	0.75	1.	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	184	3.5	27.864	952.	0.	8437.577	91.856	1.	2.	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0282

NPS Station ID: BLRI0282
 Location: BRADLEY CREEK - UPPER - ST
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105065900.36

LAT/LON: 35.386142/ -82.732670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.92

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110717 /110107
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.30
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON BRADLEY CREEK, APPROXIMATELY 400 FT. UPSTREAM FROM BOX CULVERT WHERE CREEK FIRST CROSSES YELLOW GAP ROAD. STATION ORIGINALLY DESIGNATED TO MONITOR WATER QUALITY IMPACTS OF A TIMBER SALE. ASSOCIATE STATION NUMBERS ARE 110716, 110718 AND 110719. ELEV.= 3315 FT. DISCHARGE MEASURED AT BOX CULVERT AT YELLOW GAP ROAD. WATERSHED AREA AT

Parameter Inventory for Station: BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00040 WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	749	0.	0.061	1.2	0.	0.014	0.119	0.	0.	0.1	0.2
00070 TURBIDITY, (JACKSON CANDLE UNITS)	04/23/77-04/23/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	646	1.	1.673	37.	0.05	7.949	2.819	0.4	0.6	1.6	2.8
00450 BICARBONATE, INCREMENTAL TITRATION, (HCO3) FIELD MG/L	07/22/79-07/22/79	2	1.9	1.9	2.2	1.6	0.18	0.424	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	749	5.	26.661	2634.	0.	21267.231	145.833	1.	2.	9.	32.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	749	3.	5.236	153.	0.	133.615	11.559	0.5	1.	4.	8.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	749	2.	21.508	2634.	0.	19894.659	141.048	0.5	0.5	5.	26.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0282

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	646	0	0.00	237	0	0.00	320	0	0.00	89	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1976 - Station BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	14	0.	0.025	0.3	0.	0.006	0.08	0.	0.	0.175
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	14	1.2	1.271	2.6	0.1	0.435	0.659	0.3	0.85	1.55
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	6.	6.571	10.	5.	1.495	1.222	5.5	6.	9.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	5.	5.714	10.	4.	2.374	1.541	4.	5.	6.25
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	1.	1.036	2.	0.5	0.21	0.458	0.5	0.875	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	164	0.	0.056	0.85	0.	0.013	0.114	0.	0.	0.065
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	164	1.	1.571	15.	0.3	3.977	1.994	0.6	0.7	1.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	164	3.	13.814	364.	0.5	1893.832	43.518	0.5	2.	7.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	164	3.	4.976	93.	0.5	139.539	11.813	0.5	1.	4.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	164##	0.5	8.957	271.	0.5	1015.283	31.864	0.5	0.5	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	295	0.	0.061	0.85	0.	0.014	0.119	0.	0.	0.08
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	295	1.1	1.5	14.	0.05	2.672	1.635	0.4	0.6	1.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	295	7.	50.644	2634.	0.5	51624.827	227.211	2.	4.	18.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	295	3.	6.88	153.	0.	214.849	14.658	0.5	2.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	295	3.	43.82	2634.	0.5	48970.517	221.293	0.5	2.	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	115	0.05	0.079	0.6	0.	0.01	0.101	0.	0.	0.1
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	115	0.9	2.86	37.	0.2	30.185	5.494	0.4	0.6	2.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	115	4.	8.487	95.	0.5	260.195	16.131	1.	2.	7.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	115	2.	3.796	38.	0.	41.144	6.414	0.5	1.	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	115	2.	4.774	68.	0.	104.992	10.247	0.	0.5	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	161	0.	0.057	1.2	0.	0.018	0.135	0.	0.	0.05
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	58	0.5	0.584	1.6	0.3	0.053	0.231	0.4	0.4	0.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	161	3.	10.531	183.	0.	684.646	26.166	1.	2.	6.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	161	2.	3.475	48.	0.	48.518	6.965	0.5	1.	3.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	161	2.	7.143	148.	0.	390.12	19.751	0.	1.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0283

NPS Station ID: BLRI0283
 Location: S. MILLS R. GAGING STATION - DB
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105031
 RF3 Index: 06010105073100.00
 Description:

LAT/LON: 35.366392/ -82.739115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 17.800
 RF3 Mile Point: 0.26

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110714 /0801000029 /110007
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 33.30
 Distance from RF3: 0.03

On/Off RF1: OFF
 On/Off RF3:

STATION IS LOCATED ON THE SOUTH FORK OF THE MILLS RIVER AT THE USGS GAGING STATION. CAUTION IS URGED IN THE INTERPRETATION OF CHEMICAL PARAMETER DATA BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 1976; WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT. ELEV.=3149 FT.

Parameter Inventory for Station: BLRI0283

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	9.	9.	16.	0.	29.	5.385	0.	4.5	13.5	16.
00060	FLOW, STREAM, MEAN DAILY CFS	9	25.	30.111	67.	11.	282.111	16.796	11.	18.5	38.5	67.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	8##	0.5	0.813	3.	0.5	0.781	0.884	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	5	15.	15.6	35.	0.	174.3	13.202	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	3	11.	11.667	13.	11.	1.333	1.155	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	9	10.	10.556	13.	9.	2.278	1.509	9.	9.5	12.	13.
00400	PH (STANDARD UNITS)	7	6.7	6.657	7.2	6.1	0.16	0.399	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	6.7	6.512	7.2	6.1	0.184	0.429	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.2	0.308	0.794	0.063	0.068	0.261	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	9	10.	10.667	16.	5.	10.25	3.202	5.	10.	12.5	16.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	9	0.02	0.023	0.05	0.005	0.	0.015	0.005	0.01	0.035	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	9	0.07	0.125	0.7	0.015	0.047	0.218	0.015	0.03	0.09	0.7
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	9	5.	5.556	10.	0.	9.028	3.005	0.	5.	7.5	10.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	9	2.	2.222	4.	2.	0.444	0.667	2.	2.	2.	4.
00940	CHLORIDE, TOTAL IN WATER MG/L	9	3.	3.033	5.	0.15	3.529	1.879	0.15	1.575	5.	5.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	9	1.	1.489	4.	0.5	1.189	1.09	0.5	0.75	2.	4.
01048	IRON, FERRIC & FERROUS-DISS (UG/L)	9	10.	25.556	50.	5.	540.278	23.244	5.	5.	50.	50.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0283

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	8	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0283

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	3	0.43	2	2	1.00	3	0	0.00	2	1	0.50			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
	Drinking Water	250.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0284

NPS Station ID: BLRI0284
 Location: THOMPSON CREEK - SB
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: MILLS RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105071001.41

LAT/LON: 35.384920/ -82.745031

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.40

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110716
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON THOMPSON CREEK APPROXIMATELY 800 FT. UPSTREAM FROM YELLOW GAP ROAD. STATION ORIGINALLY DESIGNATED TO SERVE AS BACKGROUND FOR MONITORING WATER QUALITY IMPACTS OF TIMBER SALE IN NEARBY BRADLEY CR EEK. ASSOCIATE STATION NUMBERS ARE 110717, 110718 AND 110719. ELEV.= 340 FT. DISCHARGE MEASURED AT BOX CULVERT AT YELLOW GAP RD. WATERSHED

Parameter Inventory for Station: BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00040 WIND DIRECTION, AZIMUTH	07/13/77-07/13/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	693	0.	0.069	1.41	0.	0.024	0.155	0.	0.	0.1	0.2
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	567	0.6	1.287	28.	0.05	4.834	2.199	0.3	0.4	1.3	2.42
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	693	3.	9.763	889.	0.	2073.914	45.54	0.5	1.	5.	13.
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	693	2.	4.523	472.	0.	631.345	25.127	0.5	0.5	3.	6.
00540 RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	693	1.	5.356	417.	0.	726.887	26.961	0.5	0.5	2.	8.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0284

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	567	0	0.00	210	0	0.00	275	0	0.00	82	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1976 - Station BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	14	0.	0.025	0.3	0.	0.006	0.08	0.	0.	0.175
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	14	2.9	2.857	4.7	0.6	1.332	1.154	0.8	2.075	4.35
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	6.	6.786	15.	5.	6.643	2.577	5.	5.75	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	5.	5.929	12.	4.	3.918	1.979	4.5	5.	10.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	14	1.	1.	3.	0.5	0.5	0.707	0.5	0.5	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	162	0.	0.053	0.85	0.	0.012	0.11	0.	0.05	0.15
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	160	1.15	1.469	28.	0.2	5.659	2.379	0.3	0.6	2.49
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	162	1.	3.574	86.	0.5	99.491	9.975	0.5	0.5	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	162##	0.5	2.105	47.	0.5	26.315	5.13	0.5	0.5	3.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	162##	0.5	1.71	54.	0.5	27.409	5.235	0.5	0.5	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	229	0.	0.087	1.41	0.	0.045	0.211	0.	0.	0.065
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	229	0.5	0.727	6.	0.05	0.679	0.824	0.1	0.35	1.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	229	3.	19.926	889.	0.5	5945.88	77.11	1.	2.	19.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	229	2.	8.354	472.	0.	1844.313	42.945	0.5	1.	7.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	229	1.	11.64	417.	0.5	2092.48	45.744	0.5	0.5	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	106	0.1	0.088	0.6	0.	0.01	0.099	0.	0.	0.1
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	106	1.	2.501	15.	0.3	12.847	3.584	0.4	0.6	8.16
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	106	3.	6.788	65.	0.5	140.719	11.862	1.	1.75	15.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	106	2.	3.269	37.	0.	35.558	5.963	0.35	1.	7.3
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	106	1.	3.613	35.	0.	40.044	6.328	0.	1.	9.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	11/11/76-06/02/81	182	0.	0.053	1.2	0.	0.017	0.132	0.	0.	0.2
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/11/76-03/05/81	58	0.4	0.393	0.7	0.3	0.012	0.111	0.3	0.3	0.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/76-06/02/81	182	2.	4.445	70.	0.	69.293	8.324	0.65	1.	8.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/11/76-06/02/81	182	1.	2.478	34.	0.	17.143	4.14	0.	0.875	4.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/11/76-06/02/81	182	1.	2.044	37.	0.	19.429	4.408	0.	0.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0285

NPS Station ID: BLRI0285
 Location: BUCKHORN GAP
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105075100.00

LAT/LON: 35.342781/ -82.755005

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.83

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110727
 Within Park Boundary: No

Date Created: 08/29/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.50
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Description:
 A SPRING LOCATED ALONG BLACK MTN TRAIL NEAR BUCKHORN GAP AND FLOWING INTO CLAWHAMMER CREEK. PART OF A STUDY TO EVALUATE THE BACTERIAL POPULATIONS OF FIVE REMOTE WATER SOURCES AND TO TEST THE EFFECTIVENESS OF FIVE DISINFECTION TECHNIQUES UNDER FIELD CONDITIONS. SEE STATIONS

Parameter Inventory for Station: BLRI0285

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0286

NPS Station ID: BLRI0286
 Location: PIGEON CREEK LOWER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105031
 RF3 Index: 06010105084101.29
 Description:
 ELEVATION 3235 FT

LAT/LON: 35.351949/ -82.773060

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 20.390
 RF3 Mile Point: 1.28

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110722
 Within Park Boundary: No

Date Created: 10/22/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 7.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0286

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/83-09/22/83	2	10.6	10.6	11.8	9.4	2.88	1.697	**	**	**	**
00065	STAGE, STREAM (FEET)	06/06/83-09/22/83	2	8.25	8.25	8.27	8.23	0.001	0.028	**	**	**	**
00075	TURBIDITY, HELDIGE (PPM AS SILICON DIOXIDE)	06/06/83-09/22/83	2	132.	132.	180.	84.	4608.	67.882	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/83-09/22/83	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/06/83-09/22/83	2	8.95	8.95	9.8	8.1	1.445	1.202	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/83-09/22/83	2	6.15	6.15	6.5	5.8	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/83-09/22/83	2	6.022	6.022	6.5	5.8	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/83-09/22/83	2	0.951	0.951	1.585	0.316	0.805	0.897	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/83-09/22/83	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/83-09/22/83	2	4.	4.	5.	3.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0286

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00				1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0287

NPS Station ID: BLRI0287
 Location: PIGEON CREEK UPPER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE RIVER
 Minor Basin: FRENCH BROAD RIVER
 RF1 Index: 06010105031
 RF3 Index: 06010105003120.03
 Description:
 ELEVATION 3245 FT

LAT/LON: 35.350003/ -82.777226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 20.540
 RF3 Mile Point: 20.55

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110723
 Within Park Boundary: No

Date Created: 10/22/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0287

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/83-09/22/83	2	10.5	10.5	11.5	9.5	2.	1.414	**	**	**	**
00065	STAGE, STREAM (FEET)	06/06/83-09/22/83	2	4.93	4.93	4.96	4.9	0.002	0.042	**	**	**	**
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	06/06/83-09/22/83	2	395.	395.	500.	290.	22050.	148.492	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/83-09/22/83	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/06/83-09/22/83	2	8.75	8.75	9.5	8.	1.125	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/83-09/22/83	2	6.25	6.25	6.7	5.8	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/83-09/22/83	2	6.05	6.05	6.7	5.8	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/83-09/22/83	2	0.892	0.892	1.585	0.2	0.96	0.98	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/83-09/22/83	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/83-09/22/83	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0287

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0288

NPS Station ID: BLRI0288
 Location: SOUTH FORK MILLS RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010105003106.61

LAT/LON: 35.357504/ -82.778059

Depth of Water: 0
 Elevation: 1009
 RF1 Mile Point: 0.000
 RF3 Mile Point: 12.40

Agency: 12NSS
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 2A07825U /2AS2A07825U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 3.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0288

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/85-06/30/85	2	14.	14.	15.	13.	2.	1.414	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/28/85-06/30/85	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/85-06/30/85	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/85-06/30/85	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/85-06/30/85	2	8.35	8.35	8.5	8.2	0.045	0.212	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/28/85-06/30/85	2	6.4	6.4	6.5	6.3	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/28/85-06/30/85	2	6.389	6.389	6.5	6.3	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/85-06/30/85	2	0.409	0.409	0.501	0.316	0.017	0.131	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	04/28/85-06/30/85	2	46.3	46.3	51.4	41.2	52.02	7.212	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/85-06/30/85	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/85-06/30/85	2	0.015	0.015	0.02	0.009	0.	0.008	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/28/85-06/30/85	2	1.15	1.15	1.9	0.4	1.125	1.061	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/28/85-06/30/85	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/85-06/30/85	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/85-06/30/85	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/85-06/30/85	2	1.24	1.24	1.28	1.2	0.003	0.057	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/85-06/30/85	2	0.4	0.4	0.42	0.38	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/85-06/30/85	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/85-06/30/85	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/85-06/30/85	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/85-06/30/85	2	5.7	5.7	6.2	5.2	0.5	0.707	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/85-06/30/85	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/85-06/30/85	2	196.5	196.5	330.	63.	35644.5	188.798	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/85-06/30/85	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/28/85-06/30/85	2	6.895	6.895	12.99	0.8	74.298	8.62	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/28/85-06/30/85	2	3310.	3310.	3310.	3310.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/28/85-06/30/85	2	3.1	3.1	5.6	0.6	12.5	3.536	**	**	**	**
83509	STREAM, WIDTH METER	04/28/85-06/30/85	2	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0288

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00						2	0	0.00				
		Other-Hi Lim.	9.	2	0	0.00						2	0	0.00				
		Other-Lo Lim.	6.5	2	2	1.00						2	2	1.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	2	2	1.00						2	2	1.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00						2	0	0.00				
		Drinking Water	250.	2	0	0.00						2	0	0.00				
		Drinking Water	250.	2	0	0.00						2	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00							2	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	0	0.00							2	0	0.00				
82079	TURBIDITY, LAB	Drinking Water	44.	2	0	0.00						2	0	0.00				
		Other-Hi Lim.	50.	2	0	0.00						2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0289

NPS Station ID: BLRI0289
 Location: CRADLE - POUNDINGMILL BRANCH, AR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: DAVIDSON RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105003413.95
 Description:
 STATION IS LOCATED IN EXTREME HEADWATERS OF LOOKING GLASS CR. ON AN UNMA PPED TRIBUTARY OF POUNDINGMILL BR. CAUTION IS URGED IN INTERPRETING THE DATA BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 1976; FOR CHEMICAL PARAMETERS WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT.
 ELEV.= 3240 FT.

LAT/LON: 35.347892/ -82.781670

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 14.33

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110705 /0801000704
 Within Park Boundary: No

Date Created: 02/26/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0289

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-09/21/72	18	13.	11.778	17.	4.	17.124	4.138	5.8	7.75	16.	16.1
00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-09/21/72	18	0.75	0.867	3.	0.3	0.441	0.664	0.3	0.4	1.	2.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-06/22/72	17 ##	0.5	1.718	10.	0.	6.71	2.59	0.04	0.05	3.	6.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-06/22/72	7	15.	16.429	28.	11.	36.619	6.051	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	1	10.	10.	10.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/24/70-05/21/70	3	6.9	6.867	7.2	6.5	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/24/70-05/21/70	3	6.9	6.774	7.2	6.5	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-05/21/70	3	0.126	0.168	0.316	0.063	0.017	0.132	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/22/70-09/21/72	15	6.4	6.34	7.3	5.5	0.49	0.7	5.5	5.5	6.9	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	06/22/70-09/21/72	15	6.4	5.922	7.3	5.5	0.677	0.823	5.5	5.5	6.9	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/70-09/21/72	15	0.398	1.198	3.162	0.05	1.822	1.35	0.05	0.126	3.162	3.162
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-08/31/71	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-09/21/72	18	0.02	0.023	0.06	0.005	0.	0.015	0.005	0.01	0.03	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-09/21/72	16	0.03	0.064	0.33	0.	0.006	0.08	0.004	0.03	0.07	0.19
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	13	0.	0.003	0.02	0.	0.	0.006	0.	0.	0.005	0.014

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0289

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	0	0.00	6	0	0.00	5	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33				1	1	1.00	2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	15	8	0.53	7	4	0.57	4	2	0.50	4	2	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0289

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	18	0	0.00	7	0	0.00	5	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0290

NPS Station ID: BLRI0290
 Location: CHERRY COVE BRANCH BR/EB
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: DAVIDSON RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105071800.00
 Description:

LAT/LON: 35.335754/ -82.798532

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.38

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110702 /110005
 Within Park Boundary: No

Date Created: 02/26/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 4.00
 Distance from RF3: 0.37

On/Off RF1:
 On/Off RF3:

STATION IS LOCATED IN EXTREME HEADWATERS OF LOOKING GLASS CR. ON AN UNNA MED TRIBUTARY FLOWING OUT OF CHERRY COVE, JUST UPSTREAM OF CONFLUENCE WITH TRIBUTARY FLOWING OUT OF BENNET COVE. CAUTION IS URGED IN INTERPRETING THE DATA ON CHEMICAL PARAMETERS BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 1976; WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT

Parameter Inventory for Station: BLRI0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-05/25/76	23	12.	10.483	16.	3.	17.29	4.158	3.58	8.	13.	16.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/30/76-03/26/79	21	50.	48.095	61.	32.	87.79	9.37	34.	40.5	56.5	60.8
00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-01/31/73	19	0.9	1.1	4.	0.4	0.877	0.936	0.4	0.5	1.	3.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-10/30/73	19##	0.5	0.753	4.	0.5	0.646	0.804	0.5	0.5	0.5	1.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	22	11.	11.182	18.	7.	5.108	2.26	8.3	9.75	12.25	13.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/16/76-03/26/79	20	11.35	11.58	15.6	8.5	4.096	2.024	8.76	9.925	13.225	14.27
00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	1	10.	10.	10.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/24/70-05/12/78	37	6.4	6.215	7.6	3.7	0.717	0.847	5.28	5.55	6.9	7.22
00400	CONVERTED PH (STANDARD UNITS)	02/24/70-05/12/78	37	6.4	5.16	7.6	3.7	1.86	1.364	5.28	5.55	6.9	7.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-05/12/78	37	0.398	6.913	199.526	0.025	1062.826	32.601	0.061	0.126	2.837	5.271
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	25	4.	4.56	15.	2.	5.923	2.434	2.6	3.5	5.	6.
00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/25/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	03/16/76-05/25/76	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	03/16/76-05/25/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/30/76-03/26/79	21	0.19	0.256	0.95	0.05	0.044	0.211	0.05	0.145	0.32	0.604
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	10	0.23	0.295	0.9	0.05	0.069	0.263	0.05	0.103	0.385	0.868
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	10	0.02	0.033	0.09	0.01	0.001	0.028	0.01	0.01	0.055	0.088
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-05/25/76	23	0.03	0.041	0.3	0.	0.004	0.061	0.01	0.01	0.05	0.084
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/30/76-03/26/79	21	0.02	0.019	0.05	0.005	0.	0.012	0.006	0.01	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-05/25/76	22	0.03	0.055	0.4	0.005	0.007	0.083	0.005	0.018	0.07	0.1
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/16/76-03/26/79	23	3.	3.174	5.	2.	0.423	0.65	2.4	3.	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/16/76-05/25/76	3	0.8	0.867	1.	0.8	0.013	0.115	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/30/76-03/26/79	21	0.6	0.776	2.7	0.4	0.254	0.504	0.42	0.5	0.85	1.28
00937	POTASSIUM, TOTAL MG/L AS K)	07/30/76-03/26/79	21	0.28	0.306	0.59	0.17	0.008	0.091	0.196	0.26	0.35	0.414
00940	CHLORIDE, TOTAL IN WATER MG/L	03/16/76-03/26/79	24	0.55	0.575	0.9	0.3	0.022	0.148	0.4	0.5	0.675	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/76-03/26/79	21	0.6	0.74	2.	0.25	0.276	0.526	0.25	0.25	1.	1.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/76-05/25/76	3##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/30/76-03/26/79	21	80.	99.286	390.	10.	7263.214	85.224	25.	45.	125.	206.
01048	IRON, FERRIC & FERROUS-DISS (UG/L)	03/16/76-05/25/76	3	40.	40.	60.	20.	400.	20.	**	**	**	**
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED, 35C	12/08/76-10/19/78	14	103.5	335.071	1210.	33.	168840.995	410.903	41.5	66.25	692.5	1150.
31501	LOG COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED,	12/08/76-10/19/78	14	2.008	2.217	3.083	1.519	0.283	0.532	1.609	1.821	2.84	3.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			164.693								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0290

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	19	0	0.00	6	0	0.00	8	0	0.00	5	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	3	0	0.00	12	0	0.00	5	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Other-Hi Lim.	9.	37	0	0.00	10	0	0.00	16	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	37	21	0.57	10	8	0.80	16	10	0.63	11	3	0.27			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	6	0	0.00	9	0	0.00	8	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	5	0	0.00	13	0	0.00	6	0	0.00			
	Drinking Water	250.	24	0	0.00	5	0	0.00	13	0	0.00	6	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	21	0	0.00	5	0	0.00	12	0	0.00	4	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00				1	0	0.00	2	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	2	0.14	2	1	0.50	9	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	02/24/70-05/12/78	10	6.1	6.1	7.1	5.3	0.313	0.56	5.33	5.6	6.525	7.05
00400 CONVERTED PH (STANDARD UNITS)	02/24/70-05/12/78	10	6.089	5.832	7.1	5.3	0.393	0.627	5.33	5.6	6.525	7.05
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-05/12/78	10	0.815	1.471	5.012	0.079	2.424	1.557	0.097	0.3	2.512	4.762
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	6	5.5	6.667	15.	4.	17.467	4.179	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	02/24/70-05/12/78	16	5.95	6.197	7.6	5.2	0.721	0.849	5.2	5.5	6.875	7.6
00400 CONVERTED PH (STANDARD UNITS)	02/24/70-05/12/78	16	5.882	5.696	7.6	5.2	0.989	0.994	5.2	5.5	6.875	7.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-05/12/78	16	1.313	2.015	6.31	0.025	5.043	2.246	0.025	0.134	3.162	6.31
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	13	4.	3.769	6.	2.	1.026	1.013	2.4	3.	4.	5.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	02/24/70-05/12/78	11	6.7	6.345	7.3	3.7	1.187	1.089	4.02	5.5	7.	7.28
00400 CONVERTED PH (STANDARD UNITS)	02/24/70-05/12/78	11	6.7	4.722	7.3	3.7	4.087	2.022	4.02	5.5	7.	7.28
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-05/12/78	11	0.2	18.986	199.526	0.05	3588.107	59.901	0.053	0.1	3.162	160.623
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	6	4.5	4.167	5.	2.	1.367	1.169	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0291

NPS Station ID: BLRI0291
 Location: SLIDING ROCK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE R
 Minor Basin: FRENCH BROAD R
 RF1 Index: 06010105
 RF3 Index: 06010105008303.41
 Description:

LAT/LON: 35.335837/ -82.799171

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.47

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110751 /080100007451
 Within Park Boundary: No

Date Created: 11/17/76

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 19.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

SWIMMING AREA.FECAL COLIFORM MONITORED WEEKLY DURING PERIOD OF USE BY M. F. METHOD.PH BY HACH COLOR/METER.ORIGINAL DATA AND MORE INFORMATION
 AVAILABLE AT NATIONAL FORESTS IN NORTH CAROLINA SUPERVISORS OFFICE ASHEVILLE,NC FTS 6720601 OR COMMERCIAL 7042582850 ESTABLISHED SWIMMING
 AREA SLIDING ROCK SWIMMING AREA IS LOCATED ON THE LOOKING GLASS CREEK

Parameter Inventory for Station: BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	56	59.	58.657	64.4	45.	11.294	3.361	54.98	57.4	60.8	62.
00400 PH (STANDARD UNITS)	06/16/74-08/29/77	40	6.6	6.352	7.3	4.1	0.797	0.893	4.87	5.8	7.2	7.3
00400 CONVERTED PH (STANDARD UNITS)	06/16/74-08/29/77	40	6.6	5.25	7.3	4.1	2.044	1.43	4.87	5.8	7.2	7.3
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/74-08/29/77	40	0.251	5.622	79.433	0.05	315.014	17.749	0.05	0.063	1.585	14.58
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/18/84	171	20.	59.585	2000.	0.	30865.68	175.686	0.	6.	50.	116.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/74-09/18/84	171	1.301	1.198	3.301	0.	0.548	0.74	0.	0.778	1.699	2.063
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.785								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0291

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	40	0	0.00	30	0	0.00	10	0	0.00						
	Other-Lo Lim.	6.5	40	19	0.48	30	12	0.40	10	7	0.70						
	Other-Hi Lim.	200.	171	8	0.05	104	6	0.06	67	2	0.03						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	11	60.	59.727	62.	54.	4.418	2.102	55.	59.	61.	61.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	11	29.	30.364	64.	7.	287.055	16.943	8.2	14.	43.	61.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	11	1.462	1.41	1.806	0.845	0.079	0.282	0.899	1.146	1.633	1.783
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		25.683									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	14	58.5	59.429	64.	58.	3.802	1.95	58.	58.	60.5	63.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	28	12.5	29.	199.	1.	2480.444	49.804	4.6	6.	27.	64.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	28	1.097	1.125	2.299	0.	0.28	0.529	0.629	0.778	1.431	1.751
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		13.342									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	16	57.2	56.812	62.6	45.	24.115	4.911	47.1	54.35	59.9	62.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	16	20.5	33.375	131.	3.	1230.783	35.083	3.	7.75	46.25	100.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	16	1.312	1.282	2.117	0.477	0.266	0.516	0.477	0.862	1.663	1.993
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		19.137									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/16/74-09/06/77	15	59.	59.12	64.4	55.4	6.233	2.497	55.4	57.2	60.8	62.24
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	21.	41.733	168.	1.	2823.352	53.135	1.6	5.	54.	157.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	1.322	1.249	2.225	0.	0.436	0.661	0.181	0.699	1.732	2.196
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		17.738									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	50.	73.667	400.	0.	9851.667	99.256	0.	10.	100.	232.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	1.699	1.43	2.602	0.	0.678	0.823	0.	1.	2.	2.288
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		26.884									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	24.	108.533	640.	4.	31763.552	178.223	4.6	10.	150.	479.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	15	1.38	1.548	2.806	0.602	0.472	0.687	0.66	1.	2.176	2.665
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		35.317									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	19	20.	125.789	2000.	0.	206536.842	454.463	0.	0.	40.	90.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	19	1.301	1.074	3.301	0.	0.792	0.89	0.	0.	1.602	1.954
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		11.869									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	20	20.	43.5	320.	0.	5581.842	74.712	0.	0.	55.	126.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	20	1.301	1.038	2.505	0.	0.736	0.858	0.	0.	1.734	2.098
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		10.921									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	14	40.	105.	610.	0.	35026.923	187.155	0.	0.	77.5	535.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	14	1.602	1.31	2.785	0.	0.949	0.974	0.	0.	1.884	2.724
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		20.425									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	18	10.	23.333	160.	0.	1552.941	39.407	0.	0.	35.	70.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	18	1.	0.803	2.204	0.	0.632	0.795	0.	0.	1.533	1.821
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		6.358									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	104	27.	61.26	640.	0.	12031.146	109.687	0.	6.	58.5	150.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	104	1.431	1.271	2.806	0.	0.602	0.776	0.	0.778	1.767	2.176
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		18.685									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	67	13.	56.985	2000.	0.	60715.348	246.405	0.	5.	30.	65.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/74-09/18/84	67	1.114	1.085	3.301	0.	0.45	0.671	0.	0.699	1.477	1.814
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		12.149									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0292

NPS Station ID: BLRI0292
 Location: BELOW BRIDGE AT CRUÑO
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 3490
 RMI-Miles: 0953.80 0046.50 652.10 073.80 069.40 008.40
 HUC: 06010106
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: EAST FORK PIGEON RIVER 8.4
 RF1 Index: 06010106
 RF3 Index: 06010106002508.39
 Description:

LAT/LON: 35.418337/ -82.811392

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 8.80

Agency: 131TVAC
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 360084 /5647
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.10
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0292

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-10/23/68	14	12.	11.371	18.5	2.	18.364	4.285	3.	10.125	14.125	16.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/20/68	11	67.	85.455	300.	39.	5409.273	73.548	40.6	49.	77.	261.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-10/23/68	12 ##	0.5	1.417	8.	0.5	4.811	2.193	0.5	0.5	1.	6.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-10/23/68	14	10.	10.	20.	5.	23.077	4.804	5.	5.	15.	17.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-10/23/68	14	16.	17.714	26.	13.	11.604	3.407	14.	15.75	20.	24.
00300	OXYGEN, DISSOLVED MG/L	01/23/67-10/23/68	14	9.7	9.914	12.5	8.9	1.063	1.031	8.9	9.15	10.2	11.95
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-10/23/68	14	1.	0.921	1.7	0.5	0.139	0.372	0.5	0.5	1.125	1.5
00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	9	12.	14.	24.	6.	47.	6.856	6.	8.	21.	24.
00400	PH (STANDARD UNITS)	01/23/67-07/22/68	13	7.2	7.262	8.	7.	0.071	0.266	7.	7.1	7.35	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/23/67-07/22/68	13	7.2	7.206	8.	7.	0.074	0.272	7.	7.1	7.35	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/67-07/22/68	13	0.063	0.062	0.1	0.01	0.001	0.026	0.019	0.045	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/23/67-07/22/68	13	4.	4.846	13.	3.	6.474	2.544	3.	4.	5.	9.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-07/22/68	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/23/67-10/23/68	14	30.	33.571	70.	5.	590.11	24.292	5.	10.	60.	65.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/67-10/23/68	14	20.	21.429	40.	5.	190.11	13.788	5.	5.	32.5	40.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-10/23/68	14	0.08	0.125	0.39	0.005	0.018	0.135	0.008	0.027	0.27	0.365
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-10/23/68	14	0.01	0.029	0.12	0.005	0.002	0.041	0.005	0.005	0.045	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-10/23/68	14 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-10/23/68	14	0.065	0.07	0.12	0.03	0.001	0.024	0.035	0.05	0.09	0.105
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-10/23/68	14	0.01	0.016	0.059	0.002	0.	0.016	0.002	0.009	0.017	0.051
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-10/23/68	13	0.007	0.011	0.055	0.002	0.	0.014	0.002	0.003	0.012	0.038
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/23/67-10/23/68	14	1.	1.	3.5	0.25	0.817	0.904	0.25	0.25	1.5	2.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-10/23/68	14 ##	0.25	0.518	2.5	0.25	0.37	0.608	0.25	0.25	0.5	1.75
00929	SODIUM, TOTAL (MG/L AS Na)	01/23/67-10/23/68	14	1.	1.9	10.5	0.7	6.763	2.601	0.75	0.875	1.4	7.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/67-10/23/68	14	0.7	1.054	3.2	0.05	0.712	0.844	0.175	0.575	1.675	2.6
00940	CHLORIDE, TOTAL IN WATER MG/L	01/23/67-10/23/68	14	2.	2.107	5.	0.5	1.315	1.147	0.75	1.	3.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-10/23/68	14	1.	1.379	4.	0.5	1.483	1.218	0.5	0.5	2.	4.
00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-10/23/68	5	0.05	0.045	0.07	0.005	0.001	0.025	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	01/23/67-10/23/68	14	4.15	4.157	5.8	1.1	1.464	1.21	1.85	3.775	4.875	5.75
01042	COPPER, TOTAL (UG/L AS CU)	04/29/67-04/29/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/67-10/23/68	14	160.	186.429	390.	50.	10793.956	103.894	50.	122.5	245.	370.
01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-10/23/68	5 ##	25.	49.	90.	25.	1092.5	33.053	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	01/23/67-10/23/68	14 ##	25.	32.143	100.	25.	425.824	20.636	25.	25.	25.	75.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-10/23/68	13	10.	71.923	460.	5.	17002.244	130.393	5.	7.5	95.	352.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-10/23/68	5	10.	14.	30.	10.	80.	8.944	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/29/67-04/29/67	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/01/68-07/22/68	4	390.	530.	1100.	240.	157466.667	396.821	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	05/01/68-07/22/68	4	2.573	2.642	3.041	2.38	0.09	0.3	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0292

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31501	GM COLIFORM,TOT, MEMBRANE FILTER, IMMED, M-ENDO MED, 3	GEOMETRIC MEAN =		438.463									
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/23/67-05/27/67	9	550.	620.	1600.	110.	225250.	474.605	110.	230.	940.	1600.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/23/67-05/27/67	9	2.74	2.667	3.204	2.041	0.136	0.369	2.041	2.362	2.973	3.204
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =		464.668									
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/23/67-05/27/67	9	11.	20.222	62.	1.	503.194	22.432	1.	5.	35.5	62.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/23/67-05/27/67	9	1.041	0.998	1.792	0.	0.408	0.639	0.	0.477	1.472	1.792
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =		9.944									
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-07/22/68	4	25.	77.5	250.	10.	13425.	115.866	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-07/22/68	4	1.301	1.5	2.398	1.	0.439	0.662	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		31.623									
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	02/12/67-04/29/67	4	6.5	9.25	19.	5.	42.917	6.551	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0292

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	1	0	0.00	6	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
00400	PH	Other-Hi Lim.	9.	13	0	0.00	1	0	0.00	5	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	1	0	0.00	5	0	0.00	7	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
		Drinking Water	250.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	1	0	0.00	6	0	0.00	7	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
		Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	1	0.25	1	0	0.00				3	1	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	1	0.11				5	0	0.00	4	1	0.25			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	0	0.00				5	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00				3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0293

NPS Station ID: BLRI0293
 Location: EAST FORK PIGEON RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010106002603.22

LAT/LON: 35.422503/ -82.811392

Depth of Water: 0
 Elevation: 890
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.60

Agency: 12NSS
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 2A07820U /2AS2A07820U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.10

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0293

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/85-06/30/85	2	15.4	15.4	17.	13.8	5.12	2.263	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/28/85-06/30/85	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/28/85-06/30/85	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/85-06/30/85	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/28/85-06/30/85	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/28/85-06/30/85	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/28/85-06/30/85	2	6.589	6.589	6.7	6.5	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/85-06/30/85	2	0.258	0.258	0.316	0.2	0.007	0.083	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	04/28/85-06/30/85	2	63.05	63.05	69.5	56.6	83.205	9.122	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/28/85-06/30/85	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/85-06/30/85	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/28/85-06/30/85	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/28/85-06/30/85	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/28/85-06/30/85	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/28/85-06/30/85	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/85-06/30/85	2	0.865	0.865	0.89	0.84	0.001	0.035	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/28/85-06/30/85	2	0.435	0.435	0.45	0.42	0.	0.021	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/85-06/30/85	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/85-06/30/85	2	1.2	1.2	1.3	1.1	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/28/85-06/30/85	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/28/85-06/30/85	2	5.25	5.25	5.7	4.8	0.405	0.636	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/85-06/30/85	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/28/85-06/30/85	2	70.5	70.5	91.	50.	840.5	28.991	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/28/85-06/30/85	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
71885	IRON (UG/L AS FE)	04/28/85-06/30/85	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/28/85-06/30/85	2	2920.	2920.	2920.	2920.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/28/85-06/30/85	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
83509	STREAM, WIDTH METER	04/28/85-06/30/85	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0293

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	2	0	0.00						2	0	0.00				
		Other-Hi Lim.	9.	2	0	0.00						2	0	0.00				
		Other-Lo Lim.	6.5	2	1	0.50						2	1	0.50				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	200.	2	2	1.00						2	2	1.00				
		Drinking Water	860.	2	0	0.00						2	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00						2	0	0.00				
		Drinking Water	250.	2	0	0.00						2	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	4.	2	0	0.00						2	0	0.00				
		Other-Hi Lim.	50.	2	0	0.00						2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0294

NPS Station ID: BLRI0294
 Location: COVE CREEK CAMPING AREA - GR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: DAVIDSON RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105071601.37

LAT/LON: 35.283281/ -82.817754

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.60

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110707
 Within Park Boundary: No

Date Created: 03/09/76

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 14.20
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON COVE CREEK JUST UPSTREAM OF DAVIDSON RIVER ROAD BRIDGE. CAUTION IS URGED IN INTERPRETING CHEMICAL PARAMETER DATA BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 1976; WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT. STATION ORIGINALLY DESIGNATED TO MONITOR IMPACTS OF RECREATION AREA. ELEV.= 2540 FT.

Parameter Inventory for Station: BLRI0294

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/24/70-06/22/72	15	13.	11.867	17.	4.	19.838	4.454	4.6	8.	16.	17.
00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-06/22/72	16	7.5	9.938	32.	2.	69.263	8.322	2.7	5.	11.75	28.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/70-06/22/72	16 ##	0.5	2.594	15.	0.5	15.841	3.98	0.5	0.5	2.75	10.1
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-06/22/72	6	12.5	12.5	14.	11.	1.1	1.049	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/70-04/17/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/24/70-06/22/72	15	6.6	6.527	7.4	4.9	0.596	0.772	5.2	6.1	7.3	7.34
00400	CONVERTED PH (STANDARD UNITS)	02/24/70-06/22/72	15	6.6	5.843	7.4	4.9	1.097	1.047	5.2	6.1	7.3	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/24/70-06/22/72	15	0.251	1.434	12.589	0.04	10.565	3.25	0.046	0.05	0.794	7.424
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-08/31/71	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/24/70-06/22/72	16	0.02	0.021	0.06	0.005	0.	0.016	0.005	0.01	0.028	0.053
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/24/70-06/22/72	15	0.03	0.057	0.33	0.005	0.006	0.08	0.005	0.02	0.07	0.192
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	13	0.	0.02	0.2	0.	0.003	0.056	0.	0.	0.008	0.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0294

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00	6	0	0.00	4	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	15	7	0.47	6	5	0.83	4	1	0.25	5	1	0.20			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0295

NPS Station ID: BLRI0295 LAT/LON: 35.286115/ -82.830559
 Location: DAVIDSON R @GORT RD PISGAH NATL FOREST IN-750505
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105003700.00 RF3 Mile Point: 0.00

Agency: 21NC01WQ
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): E0710000 /FRB009A /040303003
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.09

On/Off RF1:
 On/Off RF3:

Description:
 LOCATION: FROM JCT OF US 276 & 64 IN BREVARD, TRAVEL NW ON US 276, 5.3 MI TO FIRST DIRT ROAD ON LEFT, TURN LEFT & TRAVEL W 4.1 MI TO BRIDGE OVER DAVIDSON RIVER. LOCATED TO DEFINE QUALITY OF WATER IN THE UPPER REACHES OF SUB-BASIN 040303. SAMPLED AT MIDPOINT AT MID DEPTH FROM DWNSTRM SIDE OF BRIDGE BY OWAR. ACTIVATION DATE 731105.

Parameter Inventory for Station: BLRI0295

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/73-05/05/75	17	10.	9.765	18.	2.	24.691	4.969	2.8	5.5	13.5	17.2
00032 CLOUD COVER (PERCENT)	11/20/73-05/05/75	17	20.	34.706	100.	0.	1332.721	36.506	0.	2.5	67.5	100.
00045 PRECIPITATION, TOTAL (INCHES PER DAY)	11/20/73-05/05/75	16	0.035	0.276	2.	0.	0.296	0.544	0.	0.	0.2	1.3
00060 FLOW, STREAM, MEAN DAILY CFS	02/06/74-02/10/75	8	22.5	23.	36.	8.	82.571	9.087	**	**	**	**
00065 STAGE, STREAM (FEET)	02/06/74-02/10/75	8	3.93	3.943	5.34	2.47	1.558	1.248	**	**	**	**
00076 TURBIDITY HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/20/73-12/17/74	12	1.2	1.575	7.	0.3	3.269	1.808	0.39	0.6	1.5	5.65
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/74-05/05/75	7	21.	21.714	30.	12.	39.238	6.264	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/20/73-05/05/75	17	10.8	10.624	13.7	8.5	1.768	1.33	8.66	9.6	11.55	12.34
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/09/74-05/05/75	11	90.	91.909	102.	83.	31.891	5.647	84.	88.	97.	101.4
00310 BOD, 5 DAY, 20 DEG C MG/L	11/20/73-05/05/75	16	0.7	0.775	1.6	0.1	0.205	0.452	0.17	0.425	1.25	1.46
00335 COD, .025N K2CR2O7 MG/L	11/20/73-12/06/73	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	02/06/74-05/05/75	12 ##	12.5	14.375	35.	12.5	42.188	6.495	12.5	12.5	12.5	28.25
00400 PH (STANDARD UNITS)	11/20/73-05/05/75	16	6.55	6.663	8.8	6.	0.371	0.609	6.21	6.4	6.7	7.47
00400 CONVERTED PH (STANDARD UNITS)	11/20/73-05/05/75	16	6.547	6.491	8.8	6.	0.402	0.634	6.21	6.4	6.7	7.47
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/73-05/05/75	16	0.284	0.323	1.	0.002	0.049	0.22	0.089	0.2	0.398	0.651
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/20/73-05/05/75	16	4.	4.5	8.	2.	3.467	1.862	2.	4.	5.	8.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/20/73-02/10/75	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/05/75-05/05/75	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/74-05/05/75	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/02/74-05/05/75	3	0.15	0.143	0.17	0.11	0.001	0.031	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/02/74-05/05/75	3 ##	0.025	0.037	0.06	0.025	0.	0.02	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	05/02/74-05/05/75	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	05/02/74-05/05/75	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/02/74-05/05/75	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	05/02/74-05/05/75	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/02/74-05/05/75	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/02/74-05/05/75	3 ##	25.	60.	130.	25.	3675.	60.622	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/02/74-05/05/75	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/02/74-05/05/75	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/02/74-05/05/75	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/73-05/05/75	16 ##	5.	9.375	40.	5.	106.25	10.308	5.	5.	8.75	33.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0295

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/20/73-05/05/75	16 ##	0.699	0.842	1.602	0.699	0.085	0.292	0.699	0.699	0.925	1.515
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =											
70305 SALINITY BASED ON CONDUCTIVITY	05/02/74-08/13/74	3	0.3	0.233	0.4	0.	0.043	0.208	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/02/74-05/05/75	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0295

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	3	0	0.00	9	0	0.00	5	0	0.00			
00400 PH	Other-Hi Lim.	9.	16	0	0.00	2	0	0.00	9	0	0.00	5	0	0.00			
	Other-Lo Lim.	6.5	16	8	0.50	2	0	0.00	9	6	0.67	5	2	0.40			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	3	0	0.00	1	0	0.00				2	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01092 ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	5000.	3	0	0.00	1	0	0.00				2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00	3	0	0.00	8	0	0.00	5	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0296

NPS Station ID: BLRI0296
 Location: BELOW TROUT REARING STATION - AA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: DAVIDSON RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105003602.00

LAT/LON: 35.287003/ -82.836837

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.00

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110708
 Within Park Boundary: No

Date Created: 02/26/76

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 STATION IS LOCATED ON DAVIDSON RIVER AT GAGING STATION, APPROXIMATELY 1 00 FT. BELOW OUTFALL FROM THE TROUT REARING STATION. CAUTION IS URGED IN INTERPRETING CHEMICAL PARAMETER DATA BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 1976; WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT. ELEV.# 2705 FT. WATERSHED AREA # 2926 ACRES.

Parameter Inventory for Station: BLRI0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/70-05/24/76	24	12.5	11.658	18.	2.8	22.906	4.786	3.5	8.	16.	17.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/30/76-03/26/79	21	52.	48.786	66.	32.	112.814	10.621	33.6	39.	56.5	64.4
00060	FLOW, STREAM, MEAN DAILY CFS	04/17/70-03/29/73	19	12.	18.105	55.	4.	239.766	15.484	4.	7.	22.	47.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/17/70-06/22/72	15##	0.5	5.167	55.	0.5	203.881	14.279	0.5	0.5	1.	31.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	22	12.	12.773	24.	8.	15.708	3.963	9.	10.	14.25	19.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/16/76-03/26/79	20	11.6	11.28	13.8	7.7	3.654	1.912	8.39	9.525	13.225	13.58
00300	OXYGEN, DISSOLVED MG/L	04/17/70-03/19/74	7	12.	11.486	15.	9.	4.651	2.157	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/70-05/12/78	37	5.9	5.95	7.2	4.7	0.57	0.755	4.86	5.275	6.7	6.92
00400	CONVERTED PH (STANDARD UNITS)	04/17/70-05/12/78	37	5.9	5.421	7.2	4.7	0.857	0.926	4.86	5.275	6.7	6.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/70-05/12/78	37	1.259	3.794	19.953	0.063	32.542	5.705	0.121	0.2	5.318	14.062
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	25	4.	4.2	15.	2.	6.333	2.517	2.	3.	5.	6.
00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/24/76	3	0.	0.	0.	0.	0.	**	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	03/16/76-05/24/76	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	03/16/76-05/24/76	3	0.	0.	0.	0.	0.	**	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/30/76-03/26/79	21	0.35	0.494	1.22	0.05	0.106	0.326	0.142	0.25	0.7	1.056
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	10	0.335	0.41	0.86	0.05	0.069	0.262	0.062	0.178	0.633	0.838
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	10	0.06	0.058	0.11	0.01	0.001	0.036	0.01	0.018	0.093	0.109
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/70-05/24/76	24	0.02	0.055	0.5	0.005	0.012	0.111	0.01	0.02	0.038	0.175
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/30/76-03/26/79	21	0.04	0.087	0.37	0.006	0.011	0.107	0.01	0.015	0.145	0.268
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/70-05/24/76	24	0.03	0.051	0.3	0.005	0.003	0.058	0.013	0.03	0.07	0.09
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/16/76-03/26/79	23	3.	3.261	5.	2.	0.838	0.915	2.	3.	4.	4.6
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/16/76-05/24/76	3	0.8	0.733	0.8	0.6	0.013	0.115	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/30/76-03/26/79	21	0.7	0.767	1.8	0.4	0.101	0.318	0.5	0.6	0.9	1.18
00937	POTASSIUM, TOTAL MG/L AS K)	07/30/76-03/26/79	21	0.38	0.417	0.78	0.19	0.025	0.158	0.234	0.31	0.49	0.738
00940	CHLORIDE, TOTAL IN WATER MG/L	03/16/76-03/26/79	24	0.7	0.696	1.	0.3	0.052	0.227	0.4	0.5	0.875	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/76-03/26/79	21	1.	1.007	3.	0.25	0.419	0.648	0.25	0.55	1.	2.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/16/76-05/24/76	3##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/30/76-03/26/79	21	50.	67.143	280.	20.	3626.429	60.22	21.	25.	85.	138.
01048	IRON, FERRIC & FERROUS-DISS (UG/L)	03/16/76-05/24/76	3	50.	46.667	50.	40.	33.333	5.774	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/17/70-06/22/72	13	0.	0.012	0.1	0.	0.001	0.03	0.	0.	0.004	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0296

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	15	1	0.07	6	0	0.00	4	0	0.00	5	1	0.20			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	20	0	0.00	3	0	0.00	12	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	4.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
00400	PH	9.	37	0	0.00	9	0	0.00	17	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	37	25	0.68	9	8	0.89	17	12	0.71	11	5	0.45			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	24	0	0.00	6	0	0.00	10	0	0.00	8	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	24	0	0.00	5	0	0.00	13	0	0.00	6	0	0.00			
	Fresh Acute	250.	24	0	0.00	5	0	0.00	13	0	0.00	6	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	21	0	0.00	5	0	0.00	12	0	0.00	4	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	3	0	0.00				1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	04/17/70-05/12/78	9	5.9	5.928	6.7	5.3	0.166	0.407	5.3	5.625	6.15	6.7
00400 CONVERTED PH (STANDARD UNITS)	04/17/70-05/12/78	9	5.9	5.777	6.7	5.3	0.191	0.437	5.3	5.625	6.15	6.7
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/70-05/12/78	9	1.259	1.669	5.012	0.2	2.144	1.464	0.2	0.713	2.375	5.012
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	6	5.5	6.667	15.	4.	17.467	4.179	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	04/17/70-05/12/78	17	5.55	5.812	7.	4.7	0.582	0.763	4.86	5.175	6.65	6.76
00400 CONVERTED PH (STANDARD UNITS)	04/17/70-05/12/78	17	5.55	5.353	7.	4.7	0.806	0.898	4.86	5.175	6.65	6.76
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/70-05/12/78	17	2.818	4.439	19.953	0.1	30.276	5.502	0.18	0.225	6.783	14.062
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	13	3.	3.077	5.	2.	0.744	0.862	2.	2.5	3.5	4.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400 PH (STANDARD UNITS)	04/17/70-05/12/78	11	6.6	6.182	7.2	4.7	0.896	0.946	4.7	5.2	6.9	7.16
00400 CONVERTED PH (STANDARD UNITS)	04/17/70-05/12/78	11	6.6	5.343	7.2	4.7	1.669	1.292	4.7	5.2	6.9	7.16
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/70-05/12/78	11	0.251	4.536	19.953	0.063	61.621	7.85	0.07	0.126	6.31	19.953
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/31/71-03/26/79	6	4.	4.167	5.	3.	0.567	0.753	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0297

NPS Station ID: BLRI0297 LAT/LON: 35.287503/ -82.838892
 Location: ACID RAIN STUDY - BREVARD NC TO DAVIDSON RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105 Depth of Water: 0
 Major Basin: TAR-PAMLICO RIVER BASIN Elevation: 0
 Minor Basin: DAVIDSON RIVER AT OLD FISH HATCHERY
 RF1 Index: 06010105 RF1 Mile Point: 0.000
 RF3 Index: 06010105003120.03 RF3 Mile Point: 21.05
 Description:

Agency: 1114PEST
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 370214A /DR-1 ARS
 Within Park Boundary: No

Date Created: 11/18/83

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0297

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0298

NPS Station ID: BLRI0298
 Location: ABOVE TROUT REARING STATION - AB
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: FRENCH BROAD RIVER
 Minor Basin: DAVIDSON RIVER
 RF1 Index: 06010105
 RF3 Index: 06010105073800.00
 Description:

LAT/LON: 35.288170/ -82.841003

 Depth of Water: 0
 Elevation: 0

 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.17

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110711
 Within Park Boundary: No

 Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.24

Date Created: 02/26/76

 On/Off RF1:
 On/Off RF3:

STATION IS LOCATED IN THE HEADWATERS OF DAVIDSON RIVER AT THE INTAKE FOR THE TROUT REARING STATION. CAUTION IS URGED IN INTERPRETING CHEMICALP ARAMETER DATA BECAUSE ANALYSIS OF SAMPLES, COLLECTED PRIOR TO JAN., 197 ; WAS ACCOMPLISHED IN THE FIELD USING PORTABLE EQUIPMENT. ELEV.= 2760F EET. WATERSHED AREA # 2742 ACRES.

Parameter Inventory for Station: BLRI0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/70-05/24/76	18	10.	9.622	17.	2.	22.461	4.739	2.72	4.75	13.1	16.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/72-03/26/79	20	49.	48.35	65.	32.	113.713	10.664	33.1	38.5	58.25	62.
00060	FLOW, STREAM, MEAN DAILY CFS	01/20/70-01/31/73	12	12.	15.083	43.	4.	133.72	11.564	4.	5.25	18.75	38.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/20/70-03/11/72	8##	0.5	0.5	1.	0.	0.071	0.267	**	**	**	**
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	05/21/70-01/31/73	5	7.	6.4	15.	0.	42.3	6.504	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	20	11.	11.95	18.	10.	5.734	2.395	10.	10.	12.75	16.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/72-03/26/79	18	12.1	11.717	15.2	8.3	3.979	1.995	8.84	10.	13.15	14.48
00300	OXYGEN, DISSOLVED MG/L	01/20/70-03/19/74	15	11.	11.347	15.	9.	3.06	1.749	9.	10.	13.	13.8
00400	PH (STANDARD UNITS)	01/20/70-05/12/78	26	5.95	5.938	7.	4.7	0.51	0.714	5.01	5.275	6.6	6.86
00400	CONVERTED PH (STANDARD UNITS)	01/20/70-05/12/78	26	5.947	5.461	7.	4.7	0.747	0.865	5.01	5.275	6.6	6.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-05/12/78	26	1.129	3.463	19.953	0.1	25.034	5.003	0.141	0.251	5.336	10.315
00403	PH, LAB, STANDARD UNITS SU	08/20/70-08/20/70	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/70-08/20/70	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/70-08/20/70	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	33	4.	5.758	16.	2.	15.314	3.913	3.	3.	8.	13.
00420	ALKALINITY, HYDROXIDE (MG/L AS CaCO3)	03/16/76-05/24/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	03/16/76-05/24/76	3	3.	3.667	5.	3.	1.333	1.155	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	03/16/76-05/24/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/02/72-03/26/79	20	0.22	0.279	0.93	0.05	0.042	0.206	0.058	0.143	0.318	0.601
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-03/26/79	10	0.225	0.189	0.37	0.	0.013	0.113	0.005	0.095	0.265	0.361
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-03/26/79	10	0.05	0.067	0.2	0.01	0.003	0.054	0.012	0.03	0.09	0.189
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/20/70-05/24/76	15	0.02	0.041	0.3	0.	0.005	0.073	0.006	0.01	0.04	0.144
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/02/72-03/26/79	20	0.02	0.02	0.06	0.005	0.	0.013	0.006	0.01	0.02	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/20/70-05/24/76	14	0.03	0.028	0.07	0.005	0.	0.019	0.005	0.009	0.033	0.065
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	32	3.	4.156	10.	2.	4.717	2.172	2.	3.	5.	8.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/20/70-05/24/76	13	2.	1.862	4.	0.6	0.716	0.846	0.68	1.4	2.	3.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/02/72-03/26/79	20	0.6	0.635	1.6	0.	0.096	0.31	0.31	0.5	0.7	0.9
00937	POTASSIUM, TOTAL (MG/L AS K)	06/02/72-03/26/79	20	0.365	0.362	0.61	0.16	0.011	0.106	0.198	0.31	0.408	0.548
00940	CHLORIDE, TOTAL IN WATER (MG/L)	01/20/70-03/26/79	32	0.6	1.133	5.	0.	1.745	1.321	0.33	0.5	0.975	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/72-03/26/79	20	0.9	0.903	2.	0.25	0.208	0.456	0.25	0.7	1.	1.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/21/70-05/24/76	12	0.5	0.817	3.	0.	0.785	0.886	0.	0.125	1.	2.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	06/02/72-03/26/79	20	45.	48.65	110.	20.	739.082	27.186	25.	25.	69.75	98.
01048 IRON, FERRIC & FERROUS-DISS (UG/L)	05/21/70-05/24/76	12 ##	27.5	27.5	50.	5.	552.273	23.5	5.	5.	50.	50.
38260 METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/71-08/31/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0298

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	0	0.00	3	0	0.00	10	0	0.00	5	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	26	0	0.00	4	0	0.00	15	0	0.00	7	0	0.00			
	Other-Lo Lim.	6.5	26	19	0.73	4	4	1.00	15	11	0.73	7	4	0.57			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	15	0	0.00	2	0	0.00	9	0	0.00	4	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	7	0	0.00	18	0	0.00	7	0	0.00			
	Drinking Water	250.	32	0	0.00	7	0	0.00	18	0	0.00	7	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	20	0	0.00	5	0	0.00	11	0	0.00	4	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	12	0	0.00	2	0	0.00	6	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station BLRI0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/72-03/26/79	5	62.	60.8	65.	56.	11.7	3.421	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	5	13.	14.2	18.	11.	7.7	2.775	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/72-03/26/79	3	8.9	9.233	10.5	8.3	1.293	1.137	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	7	5.	6.286	15.	4.	15.238	3.904	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/02/72-03/26/79	5	0.31	0.326	0.62	0.13	0.043	0.206	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/02/72-03/26/79	5	0.03	0.029	0.06	0.005	0.	0.02	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	7	4.	4.857	10.	3.	5.81	2.41	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/02/72-03/26/79	5	0.7	0.9	1.6	0.6	0.165	0.406	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/02/72-03/26/79	5	0.41	0.436	0.56	0.38	0.005	0.073	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/20/70-03/26/79	7	0.5	0.8	3.	0.	0.98	0.99	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/72-03/26/79	5	1.	0.83	1.	0.25	0.107	0.327	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/02/72-03/26/79	5	80.	75.	110.	25.	1150.	33.912	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station BLRI0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/72-03/26/79	11	40.	40.273	52.	32.	38.818	6.23	32.2	34.	44.	51.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	9	11.	11.556	17.	10.	4.528	2.128	10.	10.5	11.5	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/72-03/26/79	10	13.05	13.11	15.2	11.2	1.368	1.169	11.26	12.25	13.875	15.12
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	18	3.	5.778	16.	2.	19.477	4.413	2.9	3.	10.	15.1
00600	NITROGEN, TOTAL (MG/L AS N)	06/02/72-03/26/79	11	0.22	0.284	0.93	0.05	0.058	0.241	0.05	0.15	0.32	0.826
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/02/72-03/26/79	11	0.02	0.017	0.04	0.006	0.	0.009	0.007	0.01	0.02	0.036
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	17	3.	4.176	10.	2.	6.154	2.481	2.	2.5	5.	10.
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/02/72-03/26/79	11	0.6	0.627	0.9	0.4	0.024	0.156	0.42	0.5	0.7	0.9
00937	POTASSIUM, TOTAL MG/L AS K)	06/02/72-03/26/79	11	0.31	0.335	0.61	0.16	0.015	0.123	0.166	0.27	0.4	0.572
00940	CHLORIDE, TOTAL IN WATER MG/L	01/20/70-03/26/79	18	0.65	1.226	5.	0.07	1.789	1.337	0.277	0.475	1.5	3.2
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/72-03/26/79	11	1.	1.023	2.	0.25	0.286	0.534	0.32	0.7	1.	2.
01045	IRON, TOTAL (UG/L AS FE)	06/02/72-03/26/79	11	25.	33.182	50.	20.	141.364	11.89	21.	25.	50.	50.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station BLRI0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/72-03/26/79	4	54.	55.	61.	51.	18.667	4.32	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/20/71-03/26/79	6	10.	10.667	12.	10.	1.067	1.033	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/72-03/26/79	5	10.	10.42	12.5	9.1	1.607	1.268	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	8	4.	5.25	10.	3.	9.071	3.012	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/02/72-03/26/79	4	0.19	0.205	0.31	0.13	0.006	0.079	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/02/72-03/26/79	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/20/70-03/26/79	8	3.	3.5	5.	3.	0.857	0.926	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/02/72-03/26/79	4	0.35	0.325	0.6	0.	0.063	0.25	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/02/72-03/26/79	4	0.34	0.343	0.38	0.31	0.001	0.03	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/20/70-03/26/79	7	0.6	1.229	5.	0.4	2.802	1.674	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/72-03/26/79	4	0.75	0.663	0.9	0.25	0.082	0.287	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/02/72-03/26/79	4	61.5	58.25	80.	30.	518.917	22.78	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: BLRI0299

NPS Station ID: BLRI0299
 Location: DEEP GAP
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010105
 Major Basin: TENNESSEE
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010105
 RF3 Index: 06010105003601.19

LAT/LON: 35.279727/ -82.867226

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.18

Agency: 1118ATL8
 FIPS State/County: 37175 NORTH CAROLINA/TRANSYLVANIA
 STORET Station ID(s): 110725
 Within Park Boundary: No

Date Created: 08/22/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 A SPRING LOCATED IN DEEP GAP BELOW PILOT MTN AND FLOWING INTO LAUREL FORK. PART OF A STUDY TO EVALUATE THE BACTERIAL POPULATIONS OF FIVE REMOTE WATER SOURCES AND TO TEST THE EFFECTIVENESS OF FIVE DISINFECTION TECHNIQUES UNDER FIELD CONDITIONS. SEE STATIONS 110721 - 110729

Parameter Inventory for Station: BLRI0299

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: BLRI0300

NPS Station ID: BLRI0300
 Location: MIDDLE PRONG WEST FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010106002607.33

LAT/LON: 35.372226/ -82.938059

Depth of Water: 0
 Elevation: 951
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.33

Agency: 12NSS
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 2A07824L /2AS2A07824L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.20
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0300

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/85-07/15/85	4	8.2	9.575	18.	3.9	42.483	6.518	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/26/85-07/15/85	4	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/26/85-07/15/85	4	9.	9.5	15.	5.	17.667	4.203	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/85-07/15/85	4	13.5	13.75	15.	13.	0.917	0.957	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/26/85-07/15/85	4	10.4	10.175	11.7	8.2	2.776	1.666	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/26/85-07/15/85	4	6.5	6.55	6.9	6.3	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/85-07/15/85	4	6.5	6.502	6.9	6.3	0.066	0.258	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/85-07/15/85	4	0.316	0.315	0.501	0.126	0.023	0.153	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/26/85-07/15/85	4	51.75	55.4	71.9	46.2	127.927	11.31	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/26/85-07/15/85	4	2.5	2.5	3.	2.	0.333	0.577	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/26/85-07/15/85	4	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/85-07/15/85	4	1.	0.95	1.	0.8	0.01	0.1	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/26/85-07/15/85	4	0.7	0.65	0.7	0.5	0.01	0.1	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/26/85-07/15/85	4	0.85	0.875	1.	0.8	0.009	0.096	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/85-07/15/85	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/26/85-07/15/85	4	0.82	0.845	0.95	0.79	0.005	0.072	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/26/85-07/15/85	4	0.44	0.44	0.48	0.4	0.001	0.037	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/26/85-07/15/85	4	0.5	0.5	0.6	0.4	0.007	0.082	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/26/85-07/15/85	4	1.4	1.45	1.6	1.4	0.01	0.1	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/85-07/15/85	4	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/85-07/15/85	4	6.05	6.175	6.9	5.7	0.276	0.525	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/26/85-07/15/85	4	1.	1.125	2.5	0.	1.729	1.315	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/85-07/15/85	4	61.	68.	118.	32.	1394.	37.336	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/26/85-07/15/85	4	1.25	1.225	1.4	1.	0.029	0.171	**	**	**	**
71885	IRON (UG/L AS FE)	03/26/85-07/15/85	4	3.75	3.713	6.	1.35	3.647	1.91	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/26/85-07/15/85	4	3120.	3120.	3120.	3120.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/26/85-07/15/85	4	0.25	0.375	0.8	0.2	0.083	0.287	**	**	**	**
83509	STREAM, WIDTH METER	03/26/85-07/15/85	4	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0300

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	4	3	0.75	1	0	0.00	1	1	1.00	2	2	1.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0301

NPS Station ID: BLRI0301 LAT/LON: 35.370837/ -82.941670
 Location: RIGHT HAND PRONG OFF NC HWY 215 NEAR BEECH GAP
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106001204.43 RF3 Mile Point: 4.43
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5390000 /FRB042C /0345541335
 Within Park Boundary: No

Date Created: 04/11/92

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.20
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0301

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00004	STREAM WIDTH (FEET)	09/25/91-10/17/94	35	8.	8.1	15.	0.5	3.321	1.822	8.	8.	8.	8.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/91-10/17/94	35	11.	10.571	18.	3.	20.958	4.578	5.	5.	15.	16.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-10/17/94	35	19.	19.486	31.	5.	42.787	6.541	11.	15.	25.	28.4
00032	CLOUD COVER (PERCENT)	09/25/91-10/17/94	33	50.	50.758	100.	0.	1542.377	39.273	0.	5.	95.	100.
00035	WIND VELOCITY (MILES PER HOUR)	10/24/91-10/17/94	18	3.	2.278	10.	0.	7.036	2.653	0.	0.	3.	5.5
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	09/25/91-10/17/94	29	0.1	0.4	2.	0.	0.318	0.564	0.	0.	0.5	1.
00064	DEPTH OF STREAM, MEAN (FT)	09/25/91-10/17/94	35	0.5	0.771	10.	0.5	2.579	1.606	0.5	0.5	0.5	0.5
00065	STAGE, STREAM (FEET)	07/27/93-03/14/94	7	1.78	1.946	2.38	1.78	0.067	0.26	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/25/91-10/17/94	35 ##	0.5	1.557	20.	0.5	10.848	3.294	0.5	0.5	1.4	2.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/25/91-10/17/94	35	15.	17.514	26.	12.	16.198	4.025	13.6	15.	22.	23.
00300	OXYGEN, DISSOLVED MG/L	09/25/91-10/17/94	35	9.4	9.586	11.9	7.9	1.291	1.136	8.18	8.6	10.5	11.2
00400	PH (STANDARD UNITS)	09/25/91-10/17/94	33	6.5	6.476	7.2	5.4	0.208	0.456	5.78	6.15	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	09/25/91-10/17/94	33	6.5	6.223	7.2	5.4	0.273	0.523	5.78	6.15	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-10/17/94	33	0.316	0.598	3.981	0.063	0.664	0.815	0.1	0.158	0.713	1.701
00403	PH, LAB, STANDARD UNITS SU	01/08/92-02/09/92	2	6.3	6.3	6.6	6.	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/08/92-02/09/92	2	6.204	6.204	6.6	6.	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/92-02/09/92	2	0.626	0.626	1.	0.251	0.28	0.529	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/08/92-02/09/92	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	09/25/91-10/06/93	23	5.	6.261	39.	1.	58.656	7.659	1.4	3.	6.	11.8
00500	RESIDUE, TOTAL (MG/L)	03/17/92-03/17/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/91-10/17/94	35	2.	2.957	41.	0.5	45.314	6.732	0.5	0.5	3.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/24/91-10/17/94	36	0.02	0.024	0.06	0.005	0.	0.014	0.005	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/91-10/17/94	36	0.1	0.142	0.4	0.05	0.009	0.096	0.05	0.05	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/24/91-10/17/94	36	0.19	0.194	0.78	0.005	0.013	0.114	0.109	0.163	0.21	0.243
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/91-10/17/94	36	0.01	0.013	0.06	0.005	0.	0.012	0.005	0.005	0.02	0.033
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/25/91-10/17/94	35	5.	5.429	14.	3.	3.723	1.929	4.	4.	6.	7.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/24/91-10/17/94	36 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/24/91-10/17/94	36 ##	1.	1.111	3.	1.	0.216	0.465	1.	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/24/91-10/17/94	36 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
01042	COPPER, TOTAL (UG/L AS CU)	10/24/91-10/17/94	36 ##	1.	1.972	10.	1.	3.799	1.949	1.	1.	2.	5.
01045	IRON, TOTAL (UG/L AS FE)	10/24/91-10/17/94	36	72.	109.361	1200.	25.	37337.266	193.229	25.	25.	117.5	166.
01051	LEAD, TOTAL (UG/L AS PB)	10/24/91-10/17/94	36 ##	5.	5.194	12.	5.	1.361	1.167	5.	5.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/24/91-10/06/93	23 ##	5.	6.304	35.	5.	39.13	6.255	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	10/24/91-10/17/94	36 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	10/24/91-10/17/94	36 ##	5.	5.278	15.	5.	2.778	1.667	5.	5.	5.	5.
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/24/91-10/17/94	36	80.5	114.694	1300.	25.	42916.275	207.162	25.	52.25	110.	140.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/91-10/17/94	35 ##	0.5	4.429	56.	0.5	142.958	11.957	0.5	0.5	2.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/91-10/17/94	35 ##	-0.301	0.016	1.748	-0.301	0.337	0.581	-0.301	-0.301	0.301	1.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0301

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.037								
71900 MERCURY, TOTAL (UG/L AS HG)	10/24/91-10/17/94	36 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
81647 REFERENCE POINT READING (LINEAR FEET)	07/27/93-03/14/94	7	2.22	2.054	2.22	1.62	0.067	0.26	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0301

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	0	0.00	12	0	0.00	14	0	0.00	9	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	12	0	0.00	14	0	0.00	9	0	0.00			
00400 PH	Other-Hi Lim.	9.	33	0	0.00	12	0	0.00	12	0	0.00	9	0	0.00			
	Other-Lo Lim.	6.5	33	17	0.52	12	8	0.67	12	7	0.58	9	2	0.22			
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
	Other-Lo Lim.	6.5	2	1	0.50				2	1	0.50						
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	50.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	5.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	1300.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	15.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	100.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	5000.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	35	0	0.00	12	0	0.00	14	0	0.00	9	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			
	Drinking Water	2.	36	0	0.00	11	0	0.00	15	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0302

NPS Station ID: BLRI0302
 Location: MIDDLE PRONG WEST FORK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010106004000.00

LAT/LON: 35.327504/ -82.943615

Depth of Water: 0
 Elevation: 1308
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 12NSS
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 2A07824U /2AS2A07824U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0302

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/85-07/15/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/15/85-07/15/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/15/85-07/15/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/85-07/15/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/15/85-07/15/85	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/15/85-07/15/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/15/85-07/15/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/85-07/15/85	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	07/15/85-07/15/85	1	54.6	54.6	54.6	54.6	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/15/85-07/15/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/85-07/15/85	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/15/85-07/15/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/15/85-07/15/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/85-07/15/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/85-07/15/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/85-07/15/85	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/85-07/15/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/85-07/15/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/85-07/15/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/85-07/15/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/85-07/15/85	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/85-07/15/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/15/85-07/15/85	1	102.	102.	102.	102.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/85-07/15/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	07/15/85-07/15/85	1	11.99	11.99	11.99	11.99	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/15/85-07/15/85	1	4290.	4290.	4290.	4290.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/15/85-07/15/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	07/15/85-07/15/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0302

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
		Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)																	
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	250.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	44.	1	0	0.00	1	0	0.00									
		Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0303

NPS Station ID: BLRI0303
 Location: WOLF CREEK RESERVOIR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4300 2050
 RMI-Miles: 0953.80 0046.50 601.10 076.20 059.45 006.69
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: WOLF CREEK 6.69
 RF1 Index: 06010203026
 RF3 Index: 06010203040000.00
 Description:
 ELEVATION MSL FEET, 3520
 MAP (QUAD NO.) 184SW

LAT/LON: 35.268059/ -82.969449

Agency: 131TVAC
 FIPS State/County: 37099 NORTH CAROLINA/JACKSON
 STORET Station ID(s): 370134
 Within Park Boundary: No

Date Created: 07/30/83

Depth of Water: 0
 Elevation: 0

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 10.00
 Distance from RF3: 0.13

RF1 Mile Point: 5.280
 RF3 Mile Point: 0.82

On/Off RF1: OFF
 On/Off RF3:

SURFACE AREA ACRES, >5

Parameter Inventory for Station: BLRI0303

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/83-12/03/86	86	9.5	10.96	21.8	3.	22.126	4.704	5.	7.6	14.475	18.93
00080	COLOR (PLATINUM-COBALT UNITS)	04/21/83-12/03/86	13	10.	14.846	40.	3.	123.474	11.112	3.	7.5	23.	36.
00081	COLOR, APPARENT (UNFILTERED SAMPLE) PLAT-COB UNITS	04/21/83-12/03/86	13	16.	21.308	70.	3.	301.064	17.351	3.8	10.5	27.5	56.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/21/83-12/03/86	74	12.5	14.027	68.	3.	127.561	11.294	4.	6.	18.	23.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/83-12/03/86	12	12.	11.75	16.	8.	3.659	1.913	8.6	11.	12.75	15.1
00300	OXYGEN, DISSOLVED MG/L	04/21/83-12/03/86	79	10.	8.609	12.3	0.	11.982	3.462	1.2	8.1	10.7	11.8
00400	PH (STANDARD UNITS)	04/21/83-12/03/86	87	5.9	5.959	6.76	5.27	0.11	0.332	5.59	5.71	6.2	6.46
00400	CONVERTED PH (STANDARD UNITS)	04/21/83-12/03/86	87	5.9	5.85	6.76	5.27	0.122	0.349	5.59	5.71	6.2	6.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/83-12/03/86	87	1.259	1.412	5.37	0.174	0.939	0.969	0.347	0.631	1.95	2.57
00403	PH, LAB, STANDARD UNITS SU	04/21/83-12/03/86	13	6.8	6.669	7.	6.1	0.069	0.263	6.18	6.45	6.8	6.96
00403	CONVERTED PH, LAB, STANDARD UNITS	04/21/83-12/03/86	13	6.8	6.584	7.	6.1	0.077	0.277	6.18	6.45	6.8	6.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/83-12/03/86	13	0.158	0.26	0.794	0.1	0.04	0.199	0.11	0.158	0.357	0.677
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/21/83-12/03/86	13	3.	3.615	6.	2.	1.59	1.261	2.	3.	4.	6.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/21/83-04/21/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	04/21/83-12/03/86	11	4.	3.545	4.	2.	0.473	0.688	2.2	3.	4.	4.
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	04/21/83-04/21/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/21/83-12/03/86	13 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/12/84-04/12/84	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/12/84-12/03/86	12	2.	2.042	3.8	0.8	0.835	0.914	0.86	1.175	2.75	3.59
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/21/83-12/03/86	13	0.8	0.792	1.2	0.5	0.036	0.189	0.54	0.6	0.9	1.08
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/21/83-12/03/86	13	0.3	0.254	0.3	0.2	0.003	0.052	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/21/83-12/03/86	13	0.86	0.876	1.2	0.66	0.03	0.174	0.66	0.745	0.96	1.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/83-12/03/86	13	0.41	0.417	0.57	0.26	0.009	0.095	0.276	0.345	0.49	0.562
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/21/83-12/03/86	13	0.8	0.892	1.3	0.7	0.042	0.206	0.7	0.75	1.	1.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/21/83-12/03/86	13 ##	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.022
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/21/83-12/03/86	11	25.	24.091	39.	12.	95.691	9.782	12.6	16.	36.	38.8
32023	ACIDS, STRONG	04/21/83-12/03/86	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
32024	ACIDS, WEAK	04/21/83-12/03/86	13	190.	219.231	680.	60.	23724.359	154.027	88.	135.	235.	544.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	04/21/83-04/21/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/16/84-12/03/86	11	0.03	0.033	0.14	0.005	0.002	0.039	0.005	0.005	0.04	0.122
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/83-12/03/86	13	0.2	0.152	0.3	0.02	0.013	0.112	0.02	0.02	0.25	0.3
82295	CHLORIDE DISSOLVED AS CL IN WATER UG/L	04/21/83-12/03/86	13	500.	530.769	700.	300.	12307.692	110.94	340.	500.	600.	700.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0303

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED		79	11	0.14	27	11	0.41	19	0	0.00	33	0	0.00			
00400	PH	Other-Lo Lim.	4.	87	0	0.00	27	0	0.00	27	0	0.00	33	0	0.00		
		Other-Hi Lim.	9.	87	0	0.00	27	0	0.00	27	0	0.00	33	0	0.00		
		Other-Lo Lim.	6.5	87	80	0.92	27	23	0.85	27	25	0.93	33	32	0.97		
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00		
		Other-Lo Lim.	6.5	13	4	0.31	4	0	0.00	5	2	0.40	4	2	0.50		
		Drinking Water	250.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)		13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F		13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)		13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
82295	CHLORIDE DISSOLVED AS CL IN WATER	Fresh Acute	860000.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00		
		Drinking Water	250000.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0304

NPS Station ID: BLRI0304
 Location: WOLF CREEK RESERVOIR
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203
 Major Basin:
 Minor Basin:
 RF1 Index: 06010203
 RF3 Index: 06010203006400.00
 Description:

LAT/LON: 35.268059/ -82.969449

Depth of Water: 95
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 12ELS1
 FIPS State/County: 37099 NORTH CAROLINA/JACKSON
 STORET Station ID(s): 3A3-104
 Within Park Boundary: No

Date Created: 04/16/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.90
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0304

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/84-11/25/84	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/25/84-11/25/84	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/25/84-11/25/84	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/25/84-11/25/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	11/25/84-11/25/84	1	0.775	0.775	0.775	0.775	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/25/84-11/25/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/25/84-11/25/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/84-11/25/84	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	11/25/84-11/25/84	1	86.2	86.2	86.2	86.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11/25/84-11/25/84	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/25/84-11/25/84	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11/25/84-11/25/84	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CaCO3)	11/25/84-11/25/84	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/25/84-11/25/84	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/25/84-11/25/84	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/25/84-11/25/84	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/25/84-11/25/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/25/84-11/25/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/25/84-11/25/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/84-11/25/84	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/25/84-11/25/84	1	35.	35.	35.	35.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11/25/84-11/25/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/25/84-11/25/84	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/25/84-11/25/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11/25/84-11/25/84	1	3550.05	3550.05	3550.05	3550.05	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	11/25/84-11/25/84	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/25/84-11/25/84	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0304

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0304

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00							
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00							
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	1	1	1.00				1	1	1.00							
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	1	0	0.00				1	0	0.00							
	Drinking Water	250.	1	0	0.00				1	0	0.00							
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	1	0	0.00				1	0	0.00							
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	1	0	0.00				1	0	0.00							
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0305

NPS Station ID: BLRI0305 LAT/LON: 35.450004/ -83.001670
 Location: ALLEN CK @ SR1148 NEAR HAZELWOOD NC INACT-741114
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106022 RF1 Mile Point: 1.010
 RF3 Index: 06010106002100.31 RF3 Mile Point: 0.51
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5900000 /FRB046A
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.19

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0305

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-11/14/74	9	17.	15.5	20.	6.	27.75	5.268	6.	11.5	19.25	20.
00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	5	40.	45.	100.	0.	1800.	42.426	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	5	0.06	0.292	1.	0.	0.184	0.429	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/73-11/14/74	5	3.2	4.88	9.9	2.7	9.207	3.034	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/18/72-11/14/74	7	9.2	9.657	11.7	8.3	1.883	1.372	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/26/71-11/14/74	8	91.	96.625	121.	86.	141.411	11.892	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-11/14/74	8	7.05	7.094	7.8	6.3	0.23	0.48	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-11/14/74	8	7.047	6.875	7.8	6.3	0.285	0.534	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-11/14/74	8	0.09	0.133	0.501	0.016	0.024	0.156	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/26/71-11/14/74	8	7.	7.625	10.	7.	1.125	1.061	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/26/71-11/14/74	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/18/72-07/20/72	3	36.	35.	41.	28.	43.	6.557	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/72-07/20/72	3	21.	21.667	36.	8.	196.333	14.012	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/72-07/20/72	3	20.	13.333	20.	0.	133.333	11.547	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-08/05/74	6	5.5	6.167	13.	2.	14.167	3.764	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/26/71-08/05/74	6	1.5	2.333	6.	0.	5.067	2.251	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/26/71-08/05/74	6	3.	3.833	11.	0.	15.767	3.971	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/05/74-08/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	08/05/74-09/18/74	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/72-05/18/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/18/72-05/18/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				10.								
70305	SALINITY BASED ON CONDUCTIVITY	08/05/74-08/05/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0305

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	1	0.13	3	0	0.00	2	0	0.00	3	1	0.33

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0305

Parameter	Std. Type	Std. Value	Total			-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
			Obs	Exceed	Standard	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0306

NPS Station ID: BLRI0306 LAT/LON: 35.416115/ -83.002781
 Location: ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106041300.00 RF3 Mile Point: 3.19
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5850000 /FRBACR2
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 8.70
 Distance from RF3: 0.09

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0306

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/90-08/24/93	44	20.2	19.886	25.5	12.2	11.895	3.449	14.65	17.425	22.55	24.5
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/01/90-08/24/93	11	2.	2.173	4.7	0.5	1.5	1.225	0.62	1.2	2.6	4.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/01/90-08/24/93	7	3.6	3.214	3.9	2.3	0.478	0.691	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/01/90-08/24/93	44	19.	16.409	24.	3.	30.619	5.533	6.	13.25	21.75	22.
00300	OXYGEN, DISSOLVED MG/L	08/01/90-08/24/93	39	7.9	7.849	9.1	5.1	0.37	0.608	7.4	7.6	8.2	8.4
00400	PH (STANDARD UNITS)	08/01/90-08/24/93	39	6.5	6.715	7.8	6.1	0.263	0.513	6.2	6.4	7.1	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/01/90-08/24/93	39	6.5	6.51	7.8	6.1	0.307	0.554	6.2	6.4	7.1	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/90-08/24/93	39	0.316	0.309	0.794	0.016	0.054	0.232	0.025	0.079	0.398	0.631
00500	RESIDUE, TOTAL (MG/L)	08/01/90-08/24/93	11	29.	27.	43.	15.	67.6	8.222	15.4	18.	30.	41.4
00510	RESIDUE, TOTAL FIXED (MG/L)	08/03/92-08/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/90-08/24/93	10	3.	4.05	12.	0.5	14.692	3.833	0.55	1.75	5.5	11.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	11	0.02	0.025	0.05	0.01	0.	0.013	0.01	0.01	0.03	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	11	0.1	0.114	0.2	0.05	0.004	0.06	0.05	0.05	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	11	0.1	0.1	0.14	0.005	0.001	0.036	0.022	0.1	0.13	0.138
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	11	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/01/90-08/24/93	11	2.	2.045	6.	0.5	2.223	1.491	0.6	1.	2.	5.4
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	08/01/90-08/24/93	11 ##	0.5	1.182	6.	0.5	2.764	1.662	0.5	0.5	1.	5.2
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/01/90-08/24/93	11	2.	2.682	10.	0.5	6.414	2.533	0.6	2.	3.	8.6
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0306

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	Other-Hi Lim.	50.	11	0	0.00	9	0	0.00				2	0	0.00			
00300	Other-Lo Lim.	4.	39	0	0.00	28	0	0.00				11	0	0.00			
00400	Other-Hi Lim.	9.	39	0	0.00	28	0	0.00				11	0	0.00			
	Other-Lo Lim.	6.5	39	22	0.56	28	11	0.39				11	11	1.00			
00630	Drinking Water	10.	11	0	0.00	9	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0307

NPS Station ID: BLRI0307 LAT/LON: 35.416115/ -83.002781
 Location: ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106002203.99 RF3 Mile Point: 5.02
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5850010 /FRBACR2SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0307

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403 PH, LAB, STANDARD UNITS SU	08/01/90-08/01/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/01/90-08/01/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/90-08/01/90	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/01/90-08/01/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0307

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0308

NPS Station ID: BLRI0308 LAT/LON: 35.416115/ -83.002781
 Location: ALLEN CREEK RESERVOIR AT UPS END NR HAZELWOOD
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106002203.99 RF3 Mile Point: 5.02
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5850020 /FRBACR2BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0308

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
-----------	------------------	-----	--------	------	---------	---------	----------	-----------	------	------	------	------

***** No Parameter Data at this Station Suitable for Statistical Analysis *****

Station Inventory for Station: BLRI0309

NPS Station ID: BLRI0309
 Location: ALLEN CK @ US 19&23 @ HAZELWOOD NC INACT-741114
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin: SOUTHEAST
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106022
 RF3 Index: 06010106029600.00
 Description:

LAT/LON: 35.465281/ -83.003337
 Depth of Water: 999
 Elevation: 0
 RF1 Mile Point: 0.250
 RF3 Mile Point: 0.27

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E6000000 /FRB046B
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0309

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-11/14/74	9	18.	16.111	21.	6.	31.611	5.622	6.	12.	20.	21.
00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	5	40.	46.	100.	5.	1692.5	41.14	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	5	0.06	0.298	1.	0.	0.18	0.424	**	**	**	**
00065	STAGE, STREAM (FEET)	06/14/73-07/19/73	2	2.58	2.58	2.88	2.28	0.18	0.424	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/73-11/14/74	5	5.2	4.44	7.5	1.3	5.853	2.419	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/18/72-11/14/74	7	9.	9.7	11.7	7.9	2.043	1.429	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/26/71-11/14/74	8	92.5	98.125	121.	86.	179.839	13.41	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-11/14/74	8	7.05	7.238	7.8	6.8	0.157	0.396	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-11/14/74	8	7.047	7.107	7.8	6.8	0.176	0.42	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-11/14/74	8	0.09	0.078	0.158	0.016	0.003	0.053	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/26/71-11/14/74	8	8.	8.375	11.	7.	2.268	1.506	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/26/71-11/14/74	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/18/72-06/14/73	4	43.	39.75	51.	22.	170.917	13.074	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/72-06/14/73	4	25.	25.5	44.	8.	217.	14.731	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/72-06/14/73	4	13.	14.25	27.	4.	90.917	9.535	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-08/05/74	7	11.	10.571	15.	4.	17.952	4.237	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/26/71-08/05/74	7	4.	4.571	8.	0.	6.619	2.573	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/26/71-08/05/74	7	6.	6.	10.	2.	8.333	2.887	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/05/74-08/05/74	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00546	RESIDUE, SETTLEABLE (MG/L)	08/05/74-09/18/74	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	08/05/74-08/05/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0309

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----				
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0310

NPS Station ID: BLRI0310
 Location: U.S. HWYS 19A & 23 AT WAYNESVILLE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 2800 0350
 RMI-Miles: 0953.80 0046.50 652.10 073.80 054.90 008.80 00.50
 HUC: 06010106
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: ALLEN CREEK 0.5
 RF1 Index: 06010106021
 RF3 Index: 06010203001400.00
 Description:

LAT/LON: 35.466948/ -83.006392

 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.440
 RF3 Mile Point: 0.01

Agency: 131TVAC
 FIPS State/County: 37099 NORTH CAROLINA/JACKSON
 STORET Station ID(s): 360264 /5641
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: BLRI0310

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	10/29/70-10/29/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0310

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00							
	Drinking Water	2.	1	0	0.00				1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0311

NPS Station ID: BLRI0311 LAT/LON: 35.462504/ -83.008337
 Location: RICHLAND CK US DAYCO SOUTH HAZELWOOD INA-741114
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106022 RF1 Mile Point: 0.350
 RF3 Index: 06010106002300.00 RF3 Mile Point: 0.35
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5800000 /FRB046
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0311

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/68-11/14/74	13	17.	15.385	23.	3.	50.59	7.113	4.6	8.	22.	23.
00032	CLOUD COVER (PERCENT)	06/14/73-11/14/74	4	75.	65.	100.	10.	1483.333	38.514	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/14/73-11/14/74	4	0.28	0.39	1.	0.	0.215	0.464	**	**	**	**
00065	STAGE, STREAM (FEET)	06/14/73-11/14/74	4	7.585	6.365	7.7	2.59	6.343	2.518	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/74-11/14/74	1	2.5	2.5	2.5	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/14/73-11/14/74	4	9.7	9.9	11.	9.2	0.653	0.808	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/02/68-11/14/74	12	92.	79.658	111.	6.8	1253.386	35.403	6.89	75.75	99.	110.1
00340	COD, .25N K2CR2O7 MG/L	03/23/71-07/26/71	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/02/71-11/14/74	6	7.35	7.25	8.	6.4	0.387	0.622	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/02/71-11/14/74	6	7.282	6.914	8.	6.4	0.523	0.723	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/02/71-11/14/74	6	0.052	0.122	0.398	0.01	0.023	0.153	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/02/71-11/14/74	7	12.	11.429	13.	8.	3.619	1.902	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/02/71-11/14/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	02/16/71-02/16/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/16/68-02/16/71	9 ##	0.02	0.096	0.7	0.02	0.051	0.227	0.02	0.02	0.02	0.7
01002	ARSENIC, TOTAL (UG/L AS AS)	09/09/71-11/04/71	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/16/68-12/16/70	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/16/68-11/04/71	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01042	COPPER, TOTAL (UG/L AS CU)	05/16/68-11/04/71	16 ##	20.	21.875	50.	20.	56.25	7.5	20.	20.	20.	29.
01067	NICKEL, TOTAL (UG/L AS NI)	08/23/68-11/04/71	3 ##	50.	41.667	50.	25.	208.333	14.434	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/16/68-08/14/73	19 ##	25.	47.895	200.	25.	1823.099	42.698	25.	25.	70.	90.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/24/71-06/24/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/24/71-06/24/71	1 ##	-1.602	-1.602	-1.602	-1.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			0.025								
71900	MERCURY, TOTAL (UG/L AS HG)	12/16/70-02/16/71	3 ##	0.25	0.5	1.	0.25	0.188	0.433	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0311

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00							
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	1	0.17	2	0	0.00	3	1	0.33	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0311

Parameter	Std. Type	Std. Value	Total			-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00720 CYANIDE, TOTAL	Fresh Acute	0.022	9	1	0.11	4	0	0.00	3	1	0.33	2	0	0.00			
	Drinking Water	0.2	9	1	0.11	4	0	0.00	3	1	0.33	2	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	7	0	0.00	5	0	0.00	3	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00							1	1	1.00			
	Drinking Water	1300.	16	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	19	1	0.05	9	1	0.11	5	0	0.00	5	0	0.00			
	Drinking Water	5000.	19	0	0.00	9	0	0.00	5	0	0.00	5	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00				
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00				3	0	0.00						
	Drinking Water	2.	3	0	0.00				3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0312

NPS Station ID: BLRI0312
 Location: ALLEN CREEK NEAR HAZELWOOD, N.C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106022
 RF3 Index: 06010106002600.00
 Description:

LAT/LON: 35.430281/ -83.008337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 2.740
 RF3 Mile Point: 2.34

Agency: 112WRD
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 03457500
 Within Park Boundary: No

Date Created: 01/05/78

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0312

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	09/10/54-09/10/54	1	8.	8.	8.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/10/56-05/04/61	8	34.5	32.375	56.	10.	280.839	16.758	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/10/54-05/04/61	9	5.	4.889	8.	2.	4.111	2.028	2.	3.	6.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/54-05/04/61	9	17.	18.222	30.	11.	26.944	5.191	11.	15.5	20.
00400	PH (STANDARD UNITS)	09/10/54-05/04/61	9	6.5	6.5	7.	6.	0.11	0.332	6.	6.25	6.8
00400	CONVERTED PH (STANDARD UNITS)	09/10/54-05/04/61	9	6.5	6.395	7.	6.	0.122	0.35	6.	6.25	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/54-05/04/61	9	0.316	0.403	1.	0.1	0.084	0.289	0.1	0.163	0.566
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/54-05/04/61	9	8.	8.333	11.	5.	3.	1.732	5.	7.5	9.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/10/54-05/04/61	9	5.	5.444	7.	3.	1.528	1.236	3.	5.	6.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/10/54-05/04/61	9	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/10/54-05/04/61	9	1.4	1.433	1.8	0.8	0.098	0.312	0.8	1.3	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/10/54-05/04/61	9	0.5	0.444	0.7	0.1	0.06	0.246	0.1	0.2	0.7
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/10/54-05/04/61	9	1.	1.022	1.4	0.7	0.057	0.239	0.7	0.8	1.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/54-05/04/61	9	0.4	0.433	0.7	0.2	0.022	0.15	0.2	0.35	0.55
00940	CHLORIDE, TOTAL IN WATER MG/L	09/10/54-05/04/61	9	0.5	0.722	2.	0.1	0.332	0.576	0.1	0.3	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/54-05/04/61	9	0.6	0.933	2.	0.	0.703	0.838	0.	0.25	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/54-05/04/61	9	0.	0.022	0.1	0.	0.002	0.044	0.	0.	0.05
00955	SILICA, DISSOLVED (MG/L AS SiO2)	09/10/54-05/04/61	9	8.7	8.244	11.	4.8	2.788	1.67	4.8	7.45	8.95
01045	IRON, TOTAL (UG/L AS Fe)	09/10/54-05/04/61	9	0.	4.444	10.	0.	27.778	5.27	0.	0.	10.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/10/54-05/04/61	9	18.	18.111	24.	10.	18.361	4.285	10.	15.5	22.
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	09/10/54-05/04/61	9	0.3	0.3	0.8	0.	0.063	0.25	0.	0.1	0.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0312

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH		9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Other-Hi Lim.	9.	9	5	0.56	5	1	0.20	4	4	1.00						
00940	CHLORIDE, TOTAL IN WATER		9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute	860.	9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)		9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	250.	9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F		9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	4.	9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)		9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	44.	9	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0313

NPS Station ID: BLRI0313 LAT/LON: 35.430838/ -83.009170
 Location: 200 FEET BELOW ROCKY BRANCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 2800 0350
 RMI-Miles: 0953.80 0046.50 652.10 073.80 054.90 008.80 03.00
 HUC: 06010106 Depth of Water: 0
 Major Basin: FRENCH BROAD RIVER BASIN Elevation: 0
 Minor Basin: ALLEN CREEK 3.00
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010203002808.71 RF3 Mile Point: 9.45
 Description:

Agency: 131TVAC
 FIPS State/County: 37099 NORTH CAROLINA/JACKSON
 STORET Station ID(s): 360152 /5644
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.30
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0313

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/68-03/24/69	8	9.2	9.325	16.5	3.3	19.314	4.395	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/68-07/22/68	4	35.5	47.5	99.	20.	1232.333	35.105	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/01/68-03/24/69	8	3.	9.563	45.	0.5	217.817	14.759	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/01/68-03/24/69	8	5.	5.375	10.	0.5	10.768	3.281	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/68-03/24/69	8	19.5	20.875	30.	15.	28.125	5.303	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/68-03/24/69	8	9.95	9.675	10.8	7.2	1.291	1.136	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/01/68-03/24/69	9##	0.5	0.733	1.9	0.5	0.245	0.495	0.5	0.5	0.85
00335	COD, .025N K2CR2O7 MG/L	01/30/69-01/30/69	1	9.	9.	9.	9.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	05/01/68-03/24/69	6	7.3	7.183	7.7	6.6	0.234	0.483	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/01/68-03/24/69	6	7.289	6.965	7.7	6.6	0.291	0.539	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/68-03/24/69	6	0.051	0.108	0.251	0.02	0.012	0.112	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/01/68-03/24/69	6	5.5	5.667	7.	4.	1.467	1.211	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/01/68-03/24/69	6	0.	0.	0.	0.	0.	0.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/01/68-03/24/69	8	25.	33.75	90.	10.	626.786	25.036	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/68-03/24/69	8	20.	19.375	30.	5.	74.554	8.634	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/01/68-03/24/69	8	0.11	0.174	0.43	0.06	0.017	0.129	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/01/68-03/24/69	8##	0.008	0.021	0.1	0.005	0.001	0.033	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/01/68-03/24/69	8##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/01/68-03/24/69	8	0.095	0.098	0.19	0.01	0.003	0.051	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/68-03/24/69	8	0.013	0.035	0.189	0.002	0.004	0.063	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/01/68-03/24/69	5	0.007	0.006	0.013	0.002	0.	0.005	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	05/01/68-03/24/69	7##	0.25	0.5	1.	0.25	0.125	0.354	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/01/68-03/24/69	8##	0.25	0.375	1.	0.25	0.071	0.267	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/01/68-03/24/69	8	1.75	2.613	10.6	0.3	11.193	3.346	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	05/01/68-03/24/69	8	1.3	1.413	2.7	0.6	0.576	0.759	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/01/68-03/24/69	8	2.	2.063	3.	0.5	0.888	0.943	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/68-03/24/69	8	2.	1.75	3.	1.	0.5	0.707	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-03/24/69	8	0.045	0.043	0.07	0.005	0.	0.02	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	05/01/68-03/24/69	8	5.4	5.513	8.3	3.2	2.304	1.518	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/01/68-03/24/69	8	325.	741.25	3600.	60.	1368269.643	1169.731	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-03/24/69	8	50.	84.375	210.	25.	5503.125	74.183	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	05/01/68-03/24/69	8##	25.	25.	25.	25.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/68-03/24/69	8	30.	81.25	410.	20.	17955.357	133.998	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-03/24/69	8	15.	20.625	60.	5.	317.411	17.816	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/68-03/24/69	6	135.	128.333	210.	50.	2976.667	54.559	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/01/68-03/24/69	7	60.	106.429	500.	5.	31480.952	177.429	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	05/01/68-03/24/69	7	1.778	1.49	2.699	0.699	0.635	0.797	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.917							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0313

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-03/24/69	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-03/24/69	8 ##	0.699	0.774	1.	0.699	0.019	0.139	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		5.946									
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	12/04/68-12/04/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0313

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim. 50.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim. 9.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim. 6.5	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water 1.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water 10.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute 860.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water 250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water 4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute 120.	6	4	0.67				3	1	0.33	3	3	1.00			
		Drinking Water 5000.	6	0	0.00				3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim. 1000.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0314

NPS Station ID: BLRI0314 LAT/LON: 35.423059/ -83.009726
 Location: ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106002203.48 RF3 Mile Point: 3.48
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5851010 /FRBACR4SUR
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0314

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	PH, LAB, STANDARD UNITS SU	08/01/90-08/01/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/01/90-08/01/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/90-08/01/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/01/90-08/01/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/01/90-08/03/92	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	08/01/90-08/03/92	2##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/92-08/03/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/90-08/03/92	2##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/90-08/03/92	2##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	08/03/92-08/03/92	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/90-08/03/92	2##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/03/92-08/03/92	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/90-08/03/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/92-08/03/92	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/90-08/03/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/90-08/03/92	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/03/92-08/03/92	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/90-08/03/92	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0314

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00403	PH, LAB																	
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00										
00940	CHLORIDE, TOTAL IN WATER																	
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00										
01002	ARSENIC, TOTAL																	
	Fresh Acute	860.	2	0	0.00	2	0	0.00										
01027	CADMIUM, TOTAL																	
	Drinking Water	250.	2	0	0.00	2	0	0.00										
01034	CHROMIUM, TOTAL																	
	Fresh Acute	360.	1	0	0.00	1	0	0.00										
01042	COPPER, TOTAL																	
	Drinking Water	50.	1	0	0.00	1	0	0.00										
	Fresh Acute	3.9	2	0	0.00	2	0	0.00										
	Drinking Water	5.	2	0	0.00	2	0	0.00										
	Drinking Water	100.	2	0	0.00	2	0	0.00										
	Drinking Water	18.	2	0	0.00	2	0	0.00										
	Drinking Water	1300.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0314

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00										
	Drinking Water	15.	2	0	0.00	2	0	0.00										
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00										
	Drinking Water	100.	2	0	0.00	2	0	0.00										
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00										
	Drinking Water	5000.	2	0	0.00	2	0	0.00										
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00										
	Drinking Water	2.	2	0	0.00	2	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0315

NPS Station ID: BLRI0315 LAT/LON: 35.423059/ -83.009726
 Location: ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106002203.99 RF3 Mile Point: 5.02
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5851000 /FRBACR4
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.60
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0315

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/90-08/24/93	82	17.7	17.439	25.7	9.1	23.39	4.836	10.03	13.4	21.55	23.67
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/03/92-08/03/92	1	75.6	75.6	75.6	0.	0.	**	**	**	**	
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/01/90-08/24/93	10	1.2	1.66	3.7	0.5	1.147	1.071	0.5	0.875	2.525	3.62
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/01/90-08/24/93	7	3.8	3.557	4.9	2.3	0.843	0.918	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/01/90-08/24/93	79	19.	17.848	24.	8.	20.207	4.495	11.	14.	21.	23.
00300	OXYGEN, DISSOLVED, MG/L	08/01/90-08/24/93	75	7.8	6.855	9.7	1.1	4.94	2.223	3.24	6.	8.2	8.74
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/92-08/03/92	1	89.4	89.4	89.4	0.	0.	**	**	**	**	
00400	PH (STANDARD UNITS)	08/01/90-08/24/93	75	6.5	6.707	8.4	5.7	0.535	0.732	5.9	6.2	7.3	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/01/90-08/24/93	75	6.5	6.327	8.4	5.7	0.681	0.825	5.9	6.2	7.3	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/90-08/24/93	75	0.316	0.471	1.995	0.004	0.238	0.488	0.02	0.05	0.631	1.259
00500	RESIDUE, TOTAL (MG/L)	08/01/90-08/24/93	10	28.5	26.6	40.	11.	104.711	10.233	11.4	17.25	35.75	39.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/90-08/24/93	10	1.5	2.45	10.	0.5	8.192	2.862	0.5	0.5	3.	9.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	10	0.03	0.03	0.06	0.01	0.	0.015	0.01	0.018	0.04	0.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	10	0.1	0.13	0.3	0.05	0.006	0.079	0.05	0.088	0.2	0.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	10	0.105	0.101	0.14	0.01	0.001	0.036	0.017	0.095	0.123	0.139
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	10 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/01/90-08/24/93	10	2.	2.6	6.	0.5	4.211	2.052	0.5	0.875	5.	5.9
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	08/01/90-08/24/93	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/01/90-08/24/93	10	2.	2.9	7.	0.5	5.378	2.319	0.5	0.875	5.25	6.9
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/01/90-08/01/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0315

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00	8	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	75	11	0.15	58	11	0.19			2	0	0.00				
00400	PH	Other-Hi Lim.	9.	75	0	0.00	58	0	0.00			17	0	0.00				
		Other-Lo Lim.	6.5	75	42	0.56	58	30	0.52			17	12	0.71				
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	8	0	0.00			2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0316

NPS Station ID: BLRI0316 LAT/LON: 35.423059/ -83.009726
 Location: ALLEN CREEK RESERVOIR AT DAM NR HAZELWOOD NC
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: FRENCH BROAD
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106002203.48 RF3 Mile Point: 3.48
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): E5851020 /FRBACR4BOT
 Within Park Boundary: No

Date Created: 06/09/90

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0316

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/01/90-08/24/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/01/90-08/24/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/90-08/24/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/01/90-08/24/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0316

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00										

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0317

NPS Station ID: BLRI0317
 Location: ABOVE HYATT CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 2800
 RMI-Miles: 0953.80 0046.50 652.10 073.80 054.90 009.26
 HUC: 06010106
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: RICHLAND CREEK 9.26
 RF1 Index: 06010106
 RF3 Index: 06010106002007.12
 Description:

LAT/LON: 35.464448/ -83.011116

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.12

Agency: 131TVAC
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 360151 /5638
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0317

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-03/24/69	16	11.85	13.4	23.5	5.	36.657	6.055	5.	8.425	18.425	22.73
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/05/65-07/22/68	12	22.5	22.167	40.	7.	142.515	11.938	7.3	9.	33.75	39.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/05/65-03/24/69	16	15.	17.344	55.	0.5	254.424	15.951	2.25	5.	20.	48.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-03/24/69	16	7.5	8.438	25.	2.5	31.563	5.618	2.5	5.	10.	18.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/05/65-10/27/65	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-03/24/69	15	37.	38.067	55.	27.	59.067	7.685	27.6	32.	44.	50.2
00300	OXYGEN, DISSOLVED MG/L	01/05/65-03/24/69	16	9.85	9.538	11.8	7.5	1.537	1.24	7.71	8.6	10.475	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-03/24/69	17	1.1	1.182	3.4	0.5	0.663	0.814	0.5	0.5	1.55	2.52
00335	COD, .025N K2CR2O7 MG/L	01/30/69-01/30/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/65-03/24/69	14	7.2	7.136	7.7	6.4	0.184	0.429	6.45	6.775	7.475	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-03/24/69	14	7.2	6.941	7.7	6.4	0.225	0.474	6.45	6.775	7.475	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-03/24/69	14	0.063	0.115	0.398	0.02	0.014	0.117	0.02	0.035	0.169	0.357
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/05/65-03/24/69	14	9.	9.357	13.	6.	4.863	2.205	6.5	7.75	11.25	12.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/05/65-03/24/69	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	05/01/68-03/24/69	8	40.	43.75	60.	30.	141.071	11.877	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/01/68-03/24/69	8	30.	31.25	40.	20.	69.643	8.345	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/05/65-03/24/69	16	0.25	0.25	0.66	0.005	0.029	0.169	0.005	0.13	0.298	0.562
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/05/65-03/24/69	16	0.01	0.031	0.16	0.005	0.002	0.042	0.005	0.005	0.038	0.104
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/05/65-03/24/69	16	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-03/24/69	16	0.17	0.187	0.49	0.01	0.025	0.159	0.01	0.05	0.32	0.441
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/05/65-03/24/69	16	0.048	0.058	0.189	0.002	0.002	0.04	0.024	0.042	0.061	0.123
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/05/65-03/24/69	16	0.015	0.016	0.033	0.002	0.	0.01	0.003	0.01	0.025	0.03
00916	CALCIUM, TOTAL (MG/L AS Ca)	05/01/68-03/24/69	8	1.25	1.5	2.5	0.5	0.571	0.756	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/01/68-03/24/69	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	05/01/68-03/24/69	8	1.9	3.313	12.6	1.	14.727	3.838	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/01/68-03/24/69	8	1.3	1.488	2.2	0.8	0.258	0.508	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/05/65-03/24/69	16	4.	3.625	5.	1.	1.45	1.204	1.7	3.	4.75	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/68-03/24/69	8	2.5	2.5	5.	1.	1.714	1.309	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/01/68-03/24/69	8	0.05	0.051	0.1	0.005	0.001	0.026	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	05/01/68-03/24/69	8	7.4	7.325	9.5	5.4	1.659	1.288	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/01/68-03/24/69	8	585.	805.	2400.	60.	518542.857	720.099	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/01/68-03/24/69	8	105.	151.25	370.	60.	11755.357	108.422	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	05/01/68-03/24/69	8 ##	25.	28.125	50.	25.	78.125	8.839	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/68-03/24/69	8	60.	70.	120.	40.	657.143	25.635	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/01/68-03/24/69	8	40.	37.5	50.	20.	164.286	12.817	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/68-03/24/69	6	115.	141.667	350.	40.	11816.667	108.704	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/01/68-03/24/69	7	3600.	7434.286	24000.	740.	72946228.571	8540.856	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	05/01/68-03/24/69	7	3.556	3.614	4.38	2.869	0.28	0.529	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0317

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT, MEMBRANE FILTER, IMMED, M-ENDO MED, 3	GEOMETRIC MEAN =		4113.389								
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/05/65-10/27/65	8	11000.	30850.	94000.	1018134285.714	31908.217	**	**	**	**
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/05/65-10/27/65	8	4.041	4.303	4.973	3.973	0.171	**	**	**	**
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =		20108.387								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/05/65-10/27/65	8	2950.	3675.	9400.	1100.	8113571.429	2848.433	**	**	**
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/05/65-10/27/65	8	3.459	3.456	3.973	3.041	0.11	**	**	**	**
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =		2855.007								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-03/24/69	8	665.	915.	2000.	420.	319428.571	565.18	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/01/68-03/24/69	8	2.823	2.896	3.301	2.623	0.062	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		786.236								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	01/05/65-03/24/69	16	9.	8.875	13.	5.	4.517	2.125	5.7	7.25	10.
71900	MERCURY, TOTAL (UG/L AS HG)	10/29/70-10/29/70	1 ##	0.25	0.25	0.25	0.25	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0317

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	1	0.06	4	0	0.00	7	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	14	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	14	2	0.14	4	0	0.00	5	2	0.40	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
		Drinking Water	250.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	3	0.50	3	0	0.00	3	0	0.00	3	3	1.00			
		Drinking Water	5000.	6	0	0.00				3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	6	0.86	1	1	1.00	3	2	0.67	3	3	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	8	1.00	1	1	1.00	4	4	1.00	3	3	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0318

NPS Station ID: BLRI0318
 Location: LITTLE BRANCH CREEK
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010106004002.32

LAT/LON: 35.449449/ -83.063615

Depth of Water: 0
 Elevation: 936
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.35

Agency: 12NSS
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 2A07882L /2AS2A07882L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.30
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0318

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/85-07/09/85	4	10.35	10.625	16.	5.8	19.723	4.441	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/26/85-07/09/85	4	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/26/85-07/09/85	4	12.5	11.25	15.	5.	22.917	4.787	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/85-07/09/85	4	17.5	18.75	24.	16.	12.917	3.594	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/26/85-07/09/85	4	10.1	9.925	11.3	8.2	1.809	1.345	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/26/85-07/09/85	4	6.95	6.925	7.1	6.7	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/85-07/09/85	4	6.947	6.899	7.1	6.7	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/85-07/09/85	4	0.113	0.126	0.2	0.079	0.003	0.052	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/26/85-07/09/85	4	113.75	120.975	162.	94.4	855.629	29.251	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/26/85-07/09/85	4	5.	5.5	8.	4.	3.	1.732	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/26/85-07/09/85	4	0.01	0.01	0.017	0.004	0.	0.005	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/85-07/09/85	4	0.65	0.7	0.9	0.6	0.02	0.141	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/26/85-07/09/85	4	1.35	1.55	2.2	1.3	0.19	0.436	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/26/85-07/09/85	4	1.3	1.35	1.8	1.	0.11	0.332	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/85-07/09/85	4	0.4	0.45	0.6	0.4	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/26/85-07/09/85	4	1.225	1.273	1.55	1.09	0.039	0.197	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/26/85-07/09/85	4	0.46	0.485	0.59	0.43	0.006	0.075	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/26/85-07/09/85	4	0.7	0.675	0.7	0.6	0.002	0.05	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/26/85-07/09/85	4	1.05	1.05	1.1	1.	0.003	0.058	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/85-07/09/85	4	0.02	0.018	0.03	0.	0.	0.013	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/85-07/09/85	4	8.05	8.475	10.6	7.2	2.249	1.5	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/26/85-07/09/85	4	0.5	0.625	1.5	0.	0.563	0.75	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/85-07/09/85	4	76.	88.	162.	38.	3480.667	58.997	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/26/85-07/09/85	4	1.	1.125	1.6	0.9	0.103	0.32	**	**	**	**
71885	IRON (UG/L AS FE)	03/26/85-07/09/85	4	3.	3.175	6.	0.7	4.722	2.173	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/26/85-07/09/85	4	3070.	3070.	3070.	3070.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/26/85-07/09/85	4	0.5	0.675	1.4	0.3	0.249	0.499	**	**	**	**
83509	STREAM, WIDTH METER	03/26/85-07/09/85	4	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0318

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0319

NPS Station ID: BLRI0319
 Location: LITTLE BRANCH CREEK
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010106
 Major Basin:
 Minor Basin:
 RF1 Index: 06010106
 RF3 Index: 06010106002103.36

LAT/LON: 35.461115/ -83.078893

Depth of Water: 0
 Elevation: 1164
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.35

Agency: 12NSS
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 2A07882U /2AS2A07882U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.20
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0319

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/85-07/09/85	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/09/85-07/09/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/85-07/09/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/85-07/09/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/09/85-07/09/85	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/09/85-07/09/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/85-07/09/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/85-07/09/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	07/09/85-07/09/85	1	84.9	84.9	84.9	84.9	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/85-07/09/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/85-07/09/85	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/85-07/09/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	07/09/85-07/09/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/85-07/09/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/85-07/09/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/85-07/09/85	1	1.05	1.05	1.05	1.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/85-07/09/85	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/85-07/09/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/85-07/09/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/85-07/09/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/85-07/09/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/85-07/09/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/85-07/09/85	1	120.	120.	120.	120.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/85-07/09/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	07/09/85-07/09/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	07/09/85-07/09/85	1	3820.	3820.	3820.	3820.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/85-07/09/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	07/09/85-07/09/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0319

Parameter	Std. Type	Std. Value	Total			7/01-10/14			10/15-3/31			4/01-6/30			n/a		
			Obs	Exceed	Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	9.	1	0	0.00	1	0	0.00									
	Other-Hi Lim.	6.5	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	860.	1	0	0.00	1	0	0.00									
	Fresh Acute	250.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	50.	1	0	0.00	1	0	0.00									
	Other-Hi Lim.																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0320

NPS Station ID: BLRI0320 LAT/LON: 35.513892/ -83.100003
 Location: BRIDGE 400 FEET ABOVE JOHNSON BRANCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 2380 0550
 RMI-Miles: 0953.80 0046.50 652.10 073.80 045.90 014.30 00.40
 HUC: 06010106 Depth of Water: 0
 Major Basin: FRENCH BROAD RIVER BASIN Elevation: 0
 Minor Basin: CAMPBELL CREEK 0.4
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106001603.65 RF3 Mile Point: 3.67
 Description:

Agency: 131TVAC
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 360087 /5623
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0320

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-05/27/67	9	10.	9.9	16.	1.5	23.328	4.83	1.5	6.	14.25	16.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/27/67	9	12.	15.222	29.	10.	38.194	6.18	10.	11.	19.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-05/27/67	9 ##	0.5	0.778	3.	0.5	0.694	0.833	0.5	0.5	0.5	3.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-05/27/67	9	10.	10.	15.	5.	12.5	3.536	5.	7.5	12.5	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-05/27/67	9	23.	22.111	28.	17.	15.361	3.919	17.	18.	25.	28.
00300	OXYGEN, DISSOLVED MG/L	01/23/67-05/27/67	9	9.8	10.122	12.1	8.6	1.517	1.232	8.6	9.1	11.35	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-05/27/67	8 ##	0.8	1.025	2.7	0.5	0.571	0.755	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	9	12.	14.333	24.	6.	55.25	7.433	6.	7.	23.	24.
00400	PH (STANDARD UNITS)	01/23/67-05/27/67	8	7.35	7.388	7.7	7.1	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/67-05/27/67	8	7.347	7.334	7.7	7.1	0.059	0.242	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/67-05/27/67	8	0.045	0.046	0.079	0.02	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/23/67-05/27/67	8	5.	5.125	9.	3.	3.268	1.808	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-05/27/67	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/12/67-05/27/67	6	55.	53.333	80.	20.	466.667	21.602	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/12/67-04/09/67	4	35.	36.25	70.	5.	722.917	26.887	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-05/27/67	9	0.07	0.094	0.41	0.005	0.016	0.128	0.005	0.005	0.125	0.41
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-05/27/67	9	0.01	0.028	0.06	0.	0.001	0.027	0.	0.005	0.06	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-05/27/67	9 ##	0.005	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-05/27/67	9	0.17	0.142	0.21	0.06	0.003	0.054	0.06	0.08	0.175	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-05/27/67	9	0.016	0.033	0.17	0.01	0.003	0.051	0.01	0.013	0.02	0.17
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-05/27/67	8	0.015	0.014	0.026	0.003	0.	0.007	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/23/67-05/27/67	8	1.5	1.313	2.	0.5	0.21	0.458	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-05/27/67	8 ##	0.25	0.531	1.5	0.25	0.222	0.471	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/67-05/27/67	9	1.3	1.444	2.	1.	0.118	0.343	1.	1.2	1.8	2.
00937	POTASSIUM, TOTAL (MG/L AS K)	01/23/67-05/27/67	8	0.95	1.288	2.8	0.5	0.638	0.799	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/23/67-05/27/67	8	2.	2.	4.	1.	0.857	0.926	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-05/27/67	9	1.	1.778	4.	0.5	1.882	1.372	0.5	0.75	3.	4.
00956	SILICA, TOTAL (MG/L AS SiO2)	01/23/67-05/27/67	9	5.6	5.344	7.2	0.8	3.303	1.817	0.8	5.2	6.3	7.2
01042	COPPER, TOTAL (UG/L AS CU)	04/30/67-04/30/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/67-05/27/67	8	135.	199.375	580.	25.	47038.839	216.884	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	01/23/67-05/27/67	8 ##	25.	28.125	50.	25.	78.125	8.839	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-05/27/67	8	10.	30.625	180.	5.	3667.411	60.559	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/30/67-04/30/67	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/23/67-05/27/67	9	940.	942.222	2300.	360.	460244.444	678.413	360.	360.	1350.	2300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	01/23/67-05/27/67	9	2.973	2.872	3.362	2.556	0.102	0.319	2.556	2.556	3.123	3.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			744.536								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/23/67-05/27/67	9	21.	34.889	160.	1.	2529.861	50.298	1.	5.	42.5	160.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/23/67-05/27/67	9	1.322	1.129	2.204	0.	0.539	0.734	0.	0.477	1.577	2.204

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0320

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.459								
46570 HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	02/12/67-05/04/67	3	8.	8.333	11.	6.	6.333	2.517	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0320

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00				5	0	0.00	4	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00				5	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	8	0	0.00				5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	8	0	0.00				5	0	0.00	3	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00				5	0	0.00	4	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00				5	0	0.00	4	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	8	0	0.00				5	0	0.00	3	0	0.00			
	Drinking Water	250.	8	0	0.00				5	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00				5	0	0.00	4	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	4	0.44				5	1	0.20	4	3	0.75			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	0	0.00				5	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0321

NPS Station ID: BLRI0321 LAT/LON: 35.516392/ -83.133337
 Location: BRIDGE 100 FEET ABOVE MOUTH OF INDIAN CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 9300 2520 2380
 RMI-Miles: 0953.80 0046.50 652.10 073.80 045.90 016.40
 HUC: 06010106
 Major Basin: FRENCH BROAD RIVER BASIN
 Minor Basin: JONATHANS CREEK 16.4
 RF1 Index: 06010106 RF1 Mile Point: 0.000
 RF3 Index: 06010106003900.00 RF3 Mile Point: 0.00
 Description:

Agency: 131TVAC
 FIPS State/County: 37087 NORTH CAROLINA/HAYWOOD
 STORET Station ID(s): 360086 /5620
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 2.80
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0321

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/67-03/24/69	17	10.	9.653	17.4	1.5	20.869	4.568	2.78	6.	13.	15.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/67-05/20/68	11	13.	16.818	32.	9.	67.964	8.244	9.2	10.	27.	31.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/67-03/24/69	17	2.	5.059	25.	0.5	51.715	7.191	0.5	0.5	7.	21.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/67-03/24/69	16	10.	9.531	15.	2.5	23.516	4.849	4.25	5.	15.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/67-03/24/69	17	23.	24.118	35.	19.	17.735	4.211	19.8	20.5	26.	31.8
00300	OXYGEN, DISSOLVED MG/L	01/23/67-03/24/69	16	9.55	9.781	12.1	8.	1.311	1.145	8.42	8.9	10.575	11.89
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/67-03/24/69	17###	0.5	1.265	7.3	0.5	2.73	1.652	0.5	0.5	1.15	3.22
00335	COD, .025N K2CR2O7 MG/L	01/23/67-05/27/67	9	12.	15.444	26.	7.	62.528	7.907	7.	8.	23.5	26.
00400	PH (STANDARD UNITS)	01/23/67-03/24/69	15	7.2	7.14	7.5	6.5	0.078	0.28	6.56	7.	7.3	7.44
00400	CONVERTED PH (STANDARD UNITS)	01/23/67-03/24/69	15	7.2	7.037	7.5	6.5	0.09	0.299	6.56	7.	7.3	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/67-03/24/69	15	0.063	0.092	0.316	0.032	0.007	0.081	0.037	0.05	0.1	0.277
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/23/67-03/24/69	14	4.5	5.786	21.	3.	20.181	4.492	3.5	4.	5.25	14.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/67-03/24/69	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/12/67-03/24/69	13	50.	53.462	120.	5.	1014.103	31.845	11.	30.	80.	104.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/12/67-03/24/69	9	30.	42.778	110.	5.	1094.444	33.082	5.	20.	65.	110.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/67-03/24/69	17	0.1	0.147	0.56	0.005	0.027	0.164	0.005	0.04	0.19	0.52
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/67-03/24/69	17###	0.005	0.02	0.08	0.005	0.001	0.025	0.005	0.005	0.035	0.072
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/23/67-03/24/69	17	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.022
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/23/67-03/24/69	17	0.09	0.091	0.16	0.02	0.002	0.041	0.02	0.06	0.115	0.152
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/67-03/24/69	17	0.02	0.021	0.072	0.002	0.	0.017	0.002	0.01	0.028	0.046
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/67-03/24/69	15	0.007	0.012	0.072	0.002	0.	0.017	0.002	0.003	0.01	0.038
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/23/67-03/24/69	17	1.	0.971	2.	0.25	0.343	0.586	0.25	0.375	1.5	1.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/67-03/24/69	17###	0.25	0.353	1.	0.25	0.063	0.251	0.25	0.25	0.25	1.
00929	SODIUM, TOTAL (MG/L AS Na)	01/23/67-03/24/69	17	1.6	1.876	4.3	0.9	0.816	0.903	1.22	1.35	1.9	4.06
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/67-03/24/69	17	1.2	1.594	5.5	0.2	1.799	1.341	0.36	0.7	2.4	3.82
00940	CHLORIDE, TOTAL IN WATER MG/L	01/23/67-03/24/69	17	3.	3.176	6.	1.	1.529	1.237	1.	2.5	4.	4.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/67-03/24/69	17	1.	1.324	4.	0.5	0.967	0.983	0.5	0.5	2.	3.2
00951	FLUORIDE, TOTAL (MG/L AS F)	05/02/68-03/24/69	8	0.04	0.036	0.05	0.005	0.	0.016	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	01/23/67-03/24/69	17	5.4	5.094	7.6	0.7	2.594	1.611	2.86	4.1	6.2	6.8
01042	COPPER, TOTAL (UG/L AS CU)	04/30/67-04/30/67	1###	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/67-03/24/69	17	380.	411.765	860.	80.	54977.941	234.474	96.	225.	620.	772.
01046	IRON, DISSOLVED (UG/L AS FE)	05/02/68-02/19/69	7	50.	56.429	100.	25.	1097.619	33.13	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	01/23/67-03/24/69	17###	25.	26.471	50.	25.	36.765	6.063	25.	25.	25.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/67-03/24/69	17	20.	115.294	1500.	10.	127813.971	357.511	10.	20.	35.	380.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/02/68-02/19/69	6###	7.5	9.167	20.	5.	34.167	5.845	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/30/67-04/30/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/02/68-03/24/69	6	200.	1182.5	6400.	5.	6541377.5	2557.612	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	05/02/68-03/24/69	6	2.3	2.208	3.806	0.699	1.012	1.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0321

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT, MEMBRANE FILTER, IMMED, M-ENDO MED,3	9	620.	161.312	2300.	280.	392977.778	626.879	280.	350.	1020.	2300.
31505	COLIFORM,TOT,MPN, CONFIRMED TEST,35C (TUBE 31506)	9	2.792	825.556	3.362	2.447	0.086	0.293	2.447	2.544	3.007	3.362
31505	LOG COLIFORM,TOT,MPN, CONFIRMED TEST,35C (TUBE 3150	9	2.792	2.824	3.362	2.447	0.086	0.293	2.447	2.544	3.007	3.362
31505	GM COLIFORM,TOT,MPN, CONFIRMED TEST,35C (TUBE 31506	9	16.	666.989	110.	1.	1771.028	42.084	1.	11.	73.	110.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	9	1.204	38.556	2.041	0.	0.384	0.62	0.	1.041	1.799	2.041
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	9	1.204	1.298	2.041	0.	0.384	0.62	0.	1.041	1.799	2.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	9	1.204	19.883	2.041	0.	0.384	0.62	0.	1.041	1.799	2.041
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	7	10.	25.714	100.	5.	1153.571	33.964	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	7	1.	1.168	2.	0.699	0.217	0.466	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	7	1.	1.168	2.	0.699	0.217	0.466	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0321

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
00300	OXYGEN, DISSOLVED	4.	16	0	0.00	1	0	0.00	9	0	0.00	6	0	0.00			
00400	PH	9.	15	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00			
		6.5	15	1	0.07	1	0	0.00	7	1	0.14	7	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
		250.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	17	0	0.00	1	0	0.00	9	0	0.00	7	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	18.	1	0	0.00							1	0	0.00			
		1300.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	120.	1	0	0.00							1	0	0.00			
		5000.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	6	1	0.17	1	0	0.00	3	0	0.00	2	1	0.50			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	9	2	0.22				5	1	0.20	4	1	0.25			
31615	FECAL COLIFORM, MPN	200.	9	0	0.00				5	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0322

NPS Station ID: BLRI0322
 Location: TRIBUTARY TO RAVEN FORK 7.43
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730 0580 0180
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 010.26 07.43 03.25
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: BUNCHES CREEK 3.25
 RF1 Index: 06010203
 RF3 Index: 06010203004400.70
 Description:

LAT/LON: 35.536392/ -83.208892
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.95

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 370042
 Within Park Boundary: No
 Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 12.00
 Distance from RF3: 0.02

Date Created: 04/17/82
 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0322

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/82-03/26/82	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/26/82-03/26/82	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/82-03/26/82	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/82-03/26/82	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/26/82-03/26/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/26/82-03/26/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/82-03/26/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/26/82-03/26/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/26/82-03/26/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/26/82-03/26/82	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K	03/26/82-03/26/82	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/26/82-03/26/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/82-03/26/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/26/82-03/26/82	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	03/26/82-03/26/82	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/26/82-03/26/82	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/26/82-03/26/82	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/82-03/26/82	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	03/26/82-03/26/82	1	40.	40.	40.	40.	0.	0.	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	03/26/82-03/26/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/26/82-03/26/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	03/26/82-03/26/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0322

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0322

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0323

NPS Station ID: BLRI0323
 Location: TRIBUTARY TO RAVEN FORK 7.43
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730 0580 0180
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 010.26 07.43 01.52
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: BUNCHES CREEK 1.52
 RF1 Index: 06010203
 RF3 Index: 06010203003400.00
 Description:

LAT/LON: 35.547226/ -83.230560

 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.05

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 370041
 Within Park Boundary: No

 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

Date Created: 04/17/82

 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0323

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/82-03/26/82	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0323

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0324

NPS Station ID: BLRI0324
 Location: BUNCHES CREEK
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203
 Major Basin:
 Minor Basin:
 RF1 Index: 06010203
 RF3 Index: 06010203004400.00

LAT/LON: 35.550281/ -83.231948

Depth of Water: 0
 Elevation: 780
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 12NSS
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 2A07818U /2AS2A07818U
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.00
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0324

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/85-07/16/85	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/22/85-07/16/85	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/22/85-07/16/85	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/85-07/16/85	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/85-07/16/85	2	8.5	8.5	8.8	8.2	0.18	0.424	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/22/85-07/16/85	2	6.9	6.9	7.	6.8	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/22/85-07/16/85	2	6.889	6.889	7.	6.8	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/85-07/16/85	2	0.129	0.129	0.158	0.1	0.002	0.041	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	04/22/85-07/16/85	2	107.1	107.1	114.7	99.5	115.52	10.748	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/22/85-07/16/85	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/85-07/16/85	2	0.018	0.018	0.024	0.012	0.	0.008	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/22/85-07/16/85	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	04/22/85-07/16/85	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/85-07/16/85	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/85-07/16/85	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/22/85-07/16/85	2	1.19	1.19	1.24	1.14	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/22/85-07/16/85	2	0.58	0.58	0.6	0.56	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/22/85-07/16/85	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/22/85-07/16/85	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/22/85-07/16/85	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/22/85-07/16/85	2	8.5	8.5	8.9	8.1	0.32	0.566	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/22/85-07/16/85	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/22/85-07/16/85	2	82.	82.	88.	76.	72.	8.485	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/22/85-07/16/85	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	04/22/85-07/16/85	2	9.99	9.99	12.99	6.99	18.	4.243	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/22/85-07/16/85	2	2560.	2560.	2560.	2560.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/85-07/16/85	2	2.55	2.55	3.2	1.9	0.845	0.919	**	**	**	**
83509	STREAM, WIDTH METER	04/22/85-07/16/85	2	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0324

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00				
00403	PH, LAB																	
	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00				
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00				
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
	Other-Lo Lim.	200.	2	2	1.00	1	1	1.00				1	1	1.00				
00941	CHLORIDE, DISSOLVED IN WATER																	
	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00				
	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00				
00946	SULFATE, DISSOLVED (AS SO4)																	
	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00				
00950	FLUORIDE, DISSOLVED AS F																	
	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00				
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00				
82079	TURBIDITY, LAB																	
	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0325

NPS Station ID: BLRI0325
 Location: TRIBUTARY TO RAVEN FORK 8.38
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730 0580 0200
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 010.26 08.38 00.09
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: STRAIGHT FORK 0.09
 RF1 Index: 06010203034
 RF3 Index: 06010203003401.82
 Description:

LAT/LON: 35.566948/ -83.243892
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.200
 RF3 Mile Point: 2.04

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 370022
 Within Park Boundary: No

Date Created: 12/12/81

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0325

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/81-03/26/82	3	6.9	7.233	8.	6.8	0.443	0.666	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/81-03/26/82	3	12.	13.	17.	10.	13.	3.606	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/02/81-03/26/82	2	11.8	11.8	12.7	10.9	1.62	1.273	**	**	**	**
00400	PH (STANDARD UNITS)	11/12/81-03/26/82	3	5.9	5.833	6.	5.6	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/12/81-03/26/82	3	5.9	5.799	6.	5.6	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/81-03/26/82	3	1.259	1.59	2.512	1.	0.654	0.809	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/12/81-03/26/82	3	6.	6.	6.4	5.6	0.16	0.4	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/12/81-03/26/82	3	6.	5.885	6.4	5.6	0.18	0.424	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/81-03/26/82	3	1.	1.303	2.512	0.398	1.186	1.089	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/12/81-03/26/82	3	1.	1.5	3.	0.5	1.75	1.323	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/12/81-03/26/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	11/12/81-12/02/81	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/12/81-03/26/82	3##	0.5	20.	59.	0.5	1140.75	33.775	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/12/81-03/26/82	3	1.2	1.733	3.	1.	1.213	1.102	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	11/12/81-03/26/82	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	11/12/81-03/26/82	3	0.89	0.863	0.9	0.8	0.003	0.055	**	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	11/12/81-03/26/82	3	0.46	0.463	0.54	0.39	0.006	0.075	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	11/12/81-03/26/82	3##	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/81-03/26/82	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/26/82-03/26/82	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	03/26/82-03/26/82	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/12/81-03/26/82	3	82.	116.	216.	50.	7756.	88.068	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/81-03/26/82	3##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/12/81-03/26/82	3	8.	7.333	9.	5.	4.333	2.082	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/12/81-03/26/82	3	80.	71.667	110.	25.	1858.333	43.108	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	03/26/82-03/26/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	11/12/81-03/26/82	3	4.	5.333	9.	3.	10.333	3.215	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/12/81-03/26/82	3	20.	23.333	40.	10.	233.333	15.275	**	**	**	**
70508	ACIDITY, TOTAL, HOT (MG/L AS CaCO3)	12/02/81-12/02/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0325

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	03/26/82-03/26/82	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0325

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
	Other-Hi Lim.	9.	3	0	0.00				3	0	0.00						
	Other-Lo Lim.	6.5	3	3	1.00				3	3	1.00						
00400 PH	Other-Hi Lim.	9.	3	0	0.00				3	0	0.00						
	Other-Lo Lim.	6.5	3	3	1.00				3	3	1.00						
	Other-Hi Lim.	9.	3	0	0.00				3	0	0.00						
00403 PH, LAB	Other-Lo Lim.	6.5	3	3	1.00				3	3	1.00						
	Fresh Acute	860.	3	0	0.00				3	0	0.00						
	Drinking Water	250.	3	0	0.00				3	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	2	0	0.00				2	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	4.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Fresh Acute	18.	1	1	1.00				1	1	1.00						
01042 COPPER, TOTAL	Drinking Water	1300.	1	0	0.00				1	0	0.00						
	Drinking Water	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	120.	3	0	0.00				3	0	0.00						
	Drinking Water	5000.	3	0	0.00				3	0	0.00						
	Drinking Water	44.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	2.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0326

NPS Station ID: BLRI0326
 Location: TRIBUTARY TO RAVEN FORK 7.43
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730 0580 0180
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 010.26 07.43 00.23
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: BUNCHES CREEK 0.23
 RF1 Index: 06010203034
 RF3 Index: 06010203003304.22
 Description:

LAT/LON: 35.565281/ -83.245837

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.310
 RF3 Mile Point: 4.64

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 370040
 Within Park Boundary: No

Date Created: 04/17/82

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0326

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/82-03/26/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/82-03/26/82	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/26/82-03/26/82	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/26/82-03/26/82	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/82-03/26/82	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/26/82-03/26/82	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/82-03/26/82	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/82-03/26/82	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/26/82-03/26/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/26/82-03/26/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/82-03/26/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/26/82-03/26/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/26/82-03/26/82	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/82-03/26/82	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/26/82-03/26/82	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/26/82-03/26/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/26/82-03/26/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	03/26/82-03/26/82	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/26/82-03/26/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/82-03/26/82	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/82-03/26/82	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/26/82-03/26/82	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	03/26/82-03/26/82	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/26/82-03/26/82	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/26/82-03/26/82	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/26/82-03/26/82	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/26/82-03/26/82	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/26/82-03/26/82	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
32023	ACIDS, STRONG	03/26/82-03/26/82	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
32024	ACIDS, WEAK	03/26/82-03/26/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**
46570	HARDNESS, Ca MG CALCULATED (MG/L AS CaCO3)	03/26/82-03/26/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/26/82-03/26/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/26/82-03/26/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	03/26/82-03/26/82	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0326

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	03/26/82-03/26/82	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0326

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0327

NPS Station ID: BLRI0327
 Location: BUNCHES CREEK
 Station Type: /TYP/A/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203
 Major Basin:
 Minor Basin:
 RF1 Index: 06010203
 RF3 Index: 06010203004305.14

LAT/LON: 35.559726/ -83.246949

Depth of Water: 0
 Elevation: 731
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.74

Agency: 12NSS
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 2A07818L /2AS2A07818L
 Within Park Boundary: No

Date Created: 10/22/88

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 18.90
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Description:
 THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND
 AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS,
 AND DATA LIMITATIONS ARE DESCRIBED IN:

Parameter Inventory for Station: BLRI0327

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/85-07/16/85	4	9.15	10.325	18.	5.	33.689	5.804	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	03/25/85-07/16/85	4	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/25/85-07/16/85	4	12.5	12.5	15.	10.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/85-07/16/85	4	15.	15.25	17.	14.	1.583	1.258	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/25/85-07/16/85	4	10.7	10.25	11.6	8.	2.97	1.723	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/25/85-07/16/85	4	6.8	6.8	7.1	6.5	0.06	0.245	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/25/85-07/16/85	4	6.8	6.749	7.1	6.5	0.063	0.252	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/85-07/16/85	4	0.158	0.178	0.316	0.079	0.01	0.099	**	**	**	**
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS UEQ/L	03/25/85-07/16/85	4	91.7	96.05	117.7	83.1	231.583	15.218	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/85-07/16/85	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/85-07/16/85	4	0.013	0.013	0.019	0.007	0.	0.005	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/25/85-07/16/85	4	0.6	0.65	0.8	0.6	0.01	0.1	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/25/85-07/16/85	4	1.25	1.225	1.4	1.	0.029	0.171	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/85-07/16/85	4	1.	1.	1.1	0.9	0.007	0.082	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/85-07/16/85	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/85-07/16/85	4	1.11	1.138	1.26	1.07	0.008	0.09	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/85-07/16/85	4	0.54	0.55	0.62	0.5	0.003	0.056	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/85-07/16/85	4	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/85-07/16/85	4	1.15	1.125	1.2	1.	0.009	0.096	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/25/85-07/16/85	4	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/25/85-07/16/85	4	8.55	8.35	8.9	7.4	0.47	0.686	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/85-07/16/85	4	1.5	1.75	4.	0.	4.25	2.062	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/25/85-07/16/85	4	86.	88.	124.	56.	1042.667	32.29	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/25/85-07/16/85	4	0.85	0.825	0.9	0.7	0.009	0.096	**	**	**	**
71885	IRON (UG/L AS FE)	03/25/85-07/16/85	4	9.49	9.243	15.99	2.	32.868	5.733	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	03/25/85-07/16/85	4	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/25/85-07/16/85	4	1.35	1.8	3.7	0.8	1.807	1.344	**	**	**	**
83509	STREAM, WIDTH METER	03/25/85-07/16/85	4	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0327

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																	
00403	PH, LAB	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	1	1	1.00	2	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS																	
00941	CHLORIDE, DISSOLVED IN WATER	Other-Lo Lim.	200.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00			
		Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F																	
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																	
82079	TURBIDITY, LAB	Drinking Water	44.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0328

NPS Station ID: BLRI0328 LAT/LON: 35.558615/ -83.248059
 Location: ROAD CROSSING 0.5 MILE SW OF STRAIGHT FK MOUTH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730 0580
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 010.26 07.41
 HUC: 06010203 Depth of Water: 0
 Major Basin: LITTLE TENNESSEE R BASIN Elevation: 0
 Minor Basin: RAVEN FORK 7.41
 RF1 Index: 06010203 RF1 Mile Point: 0.000
 RF3 Index: 06010203003504.07 RF3 Mile Point: 4.94
 Description:

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 360148 /4067
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.20
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0328

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	9	11.9	11.089	17.5	1.7	23.084	4.805	1.7	7.95	14.75	17.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	9	1.	1.222	3.	0.5	0.632	0.795	0.5	0.75	1.5	3.
00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	9	10.	9.722	25.	2.5	47.569	6.897	2.5	5.	12.5	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	9	17.	18.778	25.	13.	18.444	4.295	13.	15.	22.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	9	9.6	9.344	11.	5.9	2.15	1.466	5.9	8.9	10.2	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	9###	0.5	0.7	1.3	0.5	0.098	0.312	0.5	0.5	1.	1.3
00400	PH (STANDARD UNITS)	04/30/68-03/24/69	8	6.9	6.925	7.6	6.4	0.196	0.443	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/68-03/24/69	8	6.9	6.755	7.6	6.4	0.23	0.479	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/68-03/24/69	8	0.126	0.176	0.398	0.025	0.021	0.145	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/30/68-03/24/69	8	4.	4.125	6.	3.	0.982	0.991	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	8	20.	26.25	50.	10.	169.643	13.025	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	8	20.	23.125	50.	5.	220.982	14.865	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	9	0.15	0.182	0.44	0.005	0.019	0.14	0.005	0.065	0.295	0.44
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	9###	0.005	0.022	0.08	0.005	0.001	0.028	0.005	0.005	0.04	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	9###	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.015	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	9	0.21	0.218	0.39	0.14	0.006	0.076	0.14	0.155	0.245	0.39
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/68-03/24/69	9	0.007	0.011	0.023	0.002	0.	0.008	0.002	0.003	0.018	0.023
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/68-03/24/69	8	0.007	0.007	0.016	0.002	0.	0.005	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	04/30/68-03/24/69	9	0.5	0.722	1.5	0.25	0.288	0.537	0.25	0.25	1.25	1.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	9###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
00929	SODIUM, TOTAL (MG/L AS NA)	04/30/68-03/24/69	8	0.55	0.825	2.9	0.05	0.936	0.967	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/30/68-03/24/69	8	1.15	1.575	5.1	0.2	2.505	1.583	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/30/68-03/24/69	9	2.	1.722	2.	0.5	0.319	0.565	0.5	1.5	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	9	1.	1.556	3.	1.	0.528	0.726	1.	1.	2.	3.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	9	0.04	0.047	0.1	0.005	0.001	0.027	0.005	0.03	0.065	0.1
00956	SILICA, TOTAL (MG/L AS SiO2)	04/30/68-03/24/69	9	4.8	4.589	7.	1.4	2.966	1.722	1.4	3.55	6.1	7.
01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	9	120.	147.222	290.	25.	8144.444	90.247	25.	75.	235.	290.
01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	9###	25.	56.667	280.	5.	7206.25	84.89	5.	25.	50.	280.
01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	8###	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	9	30.	94.444	550.	10.	30202.778	173.789	10.	10.	90.	550.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	9	20.	66.111	390.	5.	15348.611	123.89	5.	10.	65.	390.
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	9	200.	492.778	2900.	5.	826131.944	908.918	5.	120.	325.	2900.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	9	2.301	2.256	3.462	0.699	0.514	0.717	0.699	2.073	2.506	3.462
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	9###	5.	201.111	1700.	5.	316392.361	562.488	5.	5.	40.	1700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	9###	0.699	1.141	3.23	0.699	0.757	0.87	0.699	0.699	1.423	3.23
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	9###	0.699	1.141	3.23	0.699	0.757	0.87	0.699	0.699	1.423	3.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0328

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	4.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	9.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	8	3	0.38	2	0	0.00	3	3	1.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	250.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	4.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	9	1	0.11	2	1	0.50	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	9	1	0.11	2	1	0.50	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0329

NPS Station ID: BLRI0329 LAT/LON: 35.552781/ -83.258337
 Location: STRAIGHT FORK CK BELOW RAVEN FORK INACT-750224
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: LITTLE TENNESSEE RIVER
 RF1 Index: 06010203032 RF1 Mile Point: 5.510
 RF3 Index: 06010203003500.00 RF3 Mile Point: 0.19
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): G8100000 /LTN027C
 Within Park Boundary: No

Date Created: 05/16/77

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.09

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0329

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	10	16.5	14.2	22.	37.511	6.125	4.4	8.75	19.	21.7
00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	10	42.5	52.	100.	1528.889	39.101	10.5	15.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	10	0.015	0.103	0.5	0.026	0.161	0.	0.	0.2	0.47
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	3	3.	4.4	9.	16.68	4.084	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/74-02/24/75	6	25.	25.	29.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	10	9.1	9.95	14.1	3.078	1.755	8.6	8.675	11.1	13.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	7	93.	82.986	108.	1078.435	32.84	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	9	0.6	0.733	1.4	0.13	0.361	0.2	0.5	1.	1.4
00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	1##	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/74-02/24/75	10	6.5	6.515	6.9	0.062	0.249	6.2	6.275	6.725	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/13/74-02/24/75	10	6.489	6.454	6.9	0.066	0.258	6.2	6.275	6.725	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/74-02/24/75	10	0.325	0.352	0.631	0.126	0.036	0.189	0.129	0.189	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/13/74-02/24/75	10	4.	4.5	6.	4.	0.707	4.	4.	5.	5.9
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-01/29/75	5	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	8	24.	22.75	41.	111.643	10.566	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	8	10.5	13.875	29.	80.125	8.951	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	8	3.5	8.875	30.	120.125	10.96	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	8	3.5	4.875	14.	14.696	3.834	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	8	2.	2.125	4.	1.268	1.126	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	7	1.	2.714	11.	15.238	3.904	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	3##	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	4	0.2	0.175	0.2	0.1	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	4	0.335	0.35	0.43	0.3	0.004	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-02/24/75	2##	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	4##	0.025	0.031	0.05	0.025	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	1##	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	9##	5.	16.111	50.	298.611	17.28	5.	5.	30.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	9##	0.699	1.011	1.699	0.174	0.417	0.699	0.699	1.452	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.251							
70305	SALINITY BASED ON CONDUCTIVITY	08/18/74-08/19/74	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0329

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	2	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	10	0	0.00	6	0	0.00	4	0	0.00						
00400	PH	9.	10	0	0.00	6	0	0.00	4	0	0.00						
		6.5	10	5	0.50	6	2	0.33	4	3	0.75						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	4	0	0.00	1	0	0.00	3	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00				1	0	0.00						
		250.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	9	0	0.00	6	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0330

NPS Station ID: BLRI0330 LAT/LON: 35.512504/ -83.297226
 Location: STRAIGHT FORK CK @ SR1368 @RAVENSFORD IN-750224
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: LITTLE TENNESSEE RIVER
 RF1 Index: 06010203032 RF1 Mile Point: 0.290
 RF3 Index: 06010203003205.40 RF3 Mile Point: 5.42
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): G8150000 /LTN027D
 Within Park Boundary: No

Date Created: 05/16/77

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.09

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0330

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	10	16.5	13.65	19.	5.	31.892	5.647	5.3	8.	18.625	19.
00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	10	27.5	49.	100.	10.	1643.333	40.538	10.5	15.	100.	100.
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	10	0.015	0.103	0.5	0.	0.026	0.161	0.	0.	0.2	0.47
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	3	1.5	1.667	2.	1.5	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/74-02/24/75	6	25.5	25.5	30.	21.	16.3	4.037	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	10	9.15	10.05	13.6	8.9	2.407	1.552	8.9	9.05	11.	13.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	8	95.5	94.875	106.	86.	33.268	5.768	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	9	0.8	0.789	1.5	0.1	0.221	0.47	0.1	0.35	1.2	1.5
00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/74-02/24/75	10	6.45	6.56	7.5	6.	0.174	0.417	6.03	6.3	6.8	7.43
00400	CONVERTED PH (STANDARD UNITS)	08/13/74-02/24/75	10	6.447	6.424	7.5	6.	0.194	0.441	6.03	6.3	6.8	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/74-02/24/75	10	0.357	0.377	1.	0.032	0.076	0.276	0.044	0.158	0.501	0.95
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/13/74-02/24/75	10	5.	4.7	6.	2.	1.789	1.337	2.1	3.75	6.	6.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-01/29/75	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	8	27.	39.	98.	18.	771.714	27.78	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	8	17.5	17.75	35.	3.	109.071	10.444	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	8	13.5	21.25	71.	3.	547.643	23.402	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	8	5.	11.25	63.	1.	441.357	21.009	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	8	2.5	2.625	6.	0.	3.982	1.996	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	7	1.	9.571	59.	0.	477.952	21.862	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	3##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	4	0.15	0.138	0.2	0.05	0.006	0.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	4	0.375	0.37	0.47	0.26	0.009	0.097	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-02/24/75	2##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	4##	0.025	0.059	0.16	0.025	0.005	0.068	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	9	30.	48.889	170.	10.	2386.111	48.848	10.	20.	60.	170.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/13/74-02/24/75	9	1.477	1.548	2.23	1.	0.127	0.356	1.	1.301	1.772	2.23
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.326								
70305	SALINITY BASED ON CONDUCTIVITY	08/18/74-08/19/74	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0330

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	2	0	0.00	1	0	0.00							
00300	OXYGEN, DISSOLVED	4.	10	0	0.00	6	0	0.00	4	0	0.00							
00400	PH	9.	10	0	0.00	6	0	0.00	4	0	0.00							
		6.5	10	6	0.60	6	2	0.33	4	4	1.00							
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	4	0	0.00	1	0	0.00	3	0	0.00							
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00				1	0	0.00							
		250.	1	0	0.00				1	0	0.00							
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	9	0	0.00	6	0	0.00	3	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0331

NPS Station ID: BLRI0331
 Location:
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 009.79
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: OCANALUFTEE RIVER 9.79
 RF1 Index: 06010203031
 RF3 Index: 06010203002903.15
 Description:

LAT/LON: 35.506115/ -83.300560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 3.420
 RF3 Mile Point: 3.41

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 360146 /4061
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.07

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0331

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	8	11.3	10.525	17.5	1.7	22.871	4.782	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	8	1.	1.5	4.	0.5	1.643	1.282	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	8	7.5	9.063	20.	2.5	48.103	6.936	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	8	18.	18.	22.	14.	8.286	2.878	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	8	9.9	9.35	11.1	4.7	4.023	2.006	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	8##	0.5	0.888	2.6	0.5	0.53	0.728	**	**	**
00400	PH (STANDARD UNITS)	04/30/68-03/24/69	7	6.8	6.986	7.7	6.5	0.255	0.505	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/68-03/24/69	7	6.8	6.787	7.7	6.5	0.301	0.549	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/68-03/24/69	7	0.158	0.163	0.316	0.02	0.018	0.132	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/30/68-03/24/69	7	4.	4.429	7.	3.	1.952	1.397	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	7	0.	0.	0.	0.	0.	0.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	7	30.	25.714	40.	10.	95.238	9.759	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	7	20.	22.857	30.	10.	57.143	7.559	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	8	0.155	0.136	0.27	0.005	0.008	0.092	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	8	0.02	0.025	0.08	0.005	0.001	0.024	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	8##	0.005	0.009	0.03	0.005	0.	0.009	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	8	0.16	0.173	0.32	0.05	0.007	0.082	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/21/68-03/24/69	7	0.007	0.012	0.036	0.002	0.	0.013	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/21/68-03/24/69	6	0.007	0.007	0.016	0.002	0.	0.006	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/68-03/24/69	8	0.75	0.719	1.	0.25	0.097	0.312	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	8##	0.25	0.281	0.5	0.25	0.008	0.088	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/30/68-03/24/69	7	0.5	1.179	3.	0.05	1.503	1.226	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/30/68-03/24/69	7	1.1	1.614	3.	0.5	1.078	1.038	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/30/68-03/24/69	8	2.	1.813	3.	0.5	0.567	0.753	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	8	2.	2.813	10.	0.5	8.996	2.999	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	8	0.04	0.043	0.08	0.005	0.001	0.024	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	04/30/68-03/24/69	8	4.9	4.55	7.3	0.5	4.369	2.09	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	8	170.	198.125	390.	25.	17656.696	132.879	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	7##	25.	39.286	100.	25.	803.571	28.347	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	8##	25.	25.	25.	25.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	8	20.	22.5	50.	10.	221.429	14.88	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	8	10.	13.125	40.	5.	120.982	10.999	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	8	265.	303.125	800.	5.	53220.982	230.697	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	8	2.419	2.263	2.903	0.699	0.439	0.663	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	8	10.	58.75	250.	5.	8376.786	91.525	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	8	1.	1.306	2.398	0.699	0.428	0.654	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	8	1.	1.306	2.398	0.699	0.428	0.654	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	8	1.	1.306	2.398	0.699	0.428	0.654	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0331

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
46570 HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	12/02/68-12/02/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0331

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	7	2	0.29	1	0	0.00	3	2	0.67	3	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	1	0.13	1	0	0.00	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0332

NPS Station ID: BLRI0332 LAT/LON: 35.516670/ -83.304170
 Location: OCONALUFTEE R @SR1368 N RAVENSFORD INACT-750224
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203 Depth of Water: 999
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: LITTLE TENNESSEE RIVER
 RF1 Index: 06010203035 RF1 Mile Point: 0.350
 RF3 Index: 06010203003505.81 RF3 Mile Point: 14.15
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): G8050000 /LTN027B
 Within Park Boundary: No

Date Created: 05/16/77

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 11.80
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0332

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-02/24/75	8	16.5	13.5	23.	4.	47.714	6.908	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/13/74-02/24/75	8	15.	43.75	100.	10.	1933.929	43.976	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	08/13/74-02/24/75	8	0.15	0.253	1.	0.	0.119	0.344	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/19/74-11/19/74	3	3.7	7.567	17.	2.	67.463	8.214	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/74-02/24/75	5	27.	25.4	30.	20.	21.3	4.615	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-02/24/75	8	9.2	10.1	13.7	9.	2.669	1.634	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/74-02/24/75	6	95.	95.833	105.	83.	69.767	8.353	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/24/75	8	0.8	0.763	1.3	0.4	0.1	0.316	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/74-02/24/75	8	6.65	6.587	6.9	6.2	0.073	0.27	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/74-02/24/75	8	6.647	6.51	6.9	6.2	0.08	0.282	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/74-02/24/75	8	0.225	0.309	0.631	0.126	0.043	0.208	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/13/74-02/24/75	8	4.	4.25	7.	3.	1.643	1.282	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-09/16/74	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/13/74-02/24/75	8	26.	41.875	105.	12.	1150.125	33.913	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/13/74-02/24/75	8	21.5	22.	50.	2.	229.429	15.147	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/13/74-02/24/75	8	10.5	19.875	85.	1.	794.411	28.185	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-02/24/75	7	6.	11.143	48.	1.	273.476	16.537	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/13/74-02/24/75	7	5.	3.429	5.	1.	3.952	1.988	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/13/74-02/24/75	7	2.	7.714	43.	0.	244.571	15.639	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/74-02/24/75	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/74-02/24/75	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/74-02/24/75	3	0.28	0.317	0.43	0.24	0.01	0.1	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/24/75-02/24/75	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/74-02/24/75	3 ##	0.025	0.057	0.12	0.025	0.003	0.055	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/13/74-02/24/75	8	40.	35.625	60.	5.	295.982	17.204	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/13/74-02/24/75	8	1.602	1.47	1.778	0.699	0.118	0.343	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			29.516								
70305	SALINITY BASED ON CONDUCTIVITY	08/19/74-08/19/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0332

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	2	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	8	0	0.00	5	0	0.00	3	0	0.00						
00400	PH	9.	8	0	0.00	5	0	0.00	3	0	0.00						
		6.5	8	3	0.38	5	1	0.20	3	2	0.67						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	3	0	0.00	1	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	8	0	0.00	6	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0333

NPS Station ID: BLRI0333
 Location: MINGUS CREEK AT RAVENSFORD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203
 Major Basin:
 Minor Basin:
 RF1 Index: 06010203035
 RF3 Index: 06010203000700.54
 Description:

LAT/LON: 35.520003/ -83.308337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.640
 RF3 Mile Point: 0.54

Agency: 112WRD
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 03510815
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0333

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	13.5	13.633	15.6	11.8	3.623	1.904	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	12.	13.	16.	12.	4.	2.	**	**	**	**
00400	PH (STANDARD UNITS)	2	6.65	6.65	7.	6.3	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	2	6.522	6.522	7.	6.3	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.301	0.301	0.501	0.1	0.08	0.284	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	2	3.35	3.35	5.6	1.1	10.125	3.182	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	2	0.07	0.07	0.14	0.	0.01	0.099	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	2	0.06	0.06	0.12	0.	0.007	0.085	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	2###	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	2##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2##	0.09	0.09	0.13	0.05	0.003	0.057	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	2##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	2	32.	32.	32.	32.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	1.25	1.25	1.8	0.7	0.605	0.778	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	2	0.65	0.65	1.	0.3	0.245	0.495	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	2	8.35	8.35	8.5	8.2	0.045	0.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0333

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/77-03/10/78	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/77-03/10/78	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/03/77-03/10/78	2##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/77-03/10/78	2##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/77-03/10/78	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	10/03/77-03/10/78	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/03/77-03/10/78	2##	2.	2.	3.	1.	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/03/77-03/10/78	2	60.	60.	100.	20.	3200.	56.569	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/77-03/10/78	2##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/77-03/10/78	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	10/03/77-03/10/78	2	5.5	5.5	11.	0.	60.5	7.778	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/03/77-03/10/78	2	9.	9.	16.	2.	98.	9.899	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/77-03/10/78	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L AS ZN)	10/03/77-03/10/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/03/77-03/10/78	2##	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/77-03/10/78	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/73-08/08/74	2	13.5	13.5	17.	10.	24.5	4.95	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/73-08/08/74	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/73-08/08/74	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/77-03/10/78	2##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/03/77-03/10/78	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/10/78-03/10/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/03/77-03/10/78	2	0.3	0.3	0.6	0.	0.18	0.424	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/03/77-03/10/78	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/03/77-03/10/78	2	6.	6.	9.	3.	18.	4.243	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0333

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00400	PH																	
	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00	1	0	0.00							
00615	NITRITE NITROGEN, TOTAL AS N		1	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.		10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE, TOTAL IN WATER																	
	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00							
00945	SULFATE, TOTAL (AS SO4)		250.	2	0	0.00	1	0	0.00	1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F		4.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL																	
	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00							
01030	CHROMIUM, DISSOLVED		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01031	CHROMIUM, SUSPENDED		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL		100.	2	0	0.00	1	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01041	COPPER, SUSPENDED																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01042	COPPER, TOTAL																	
	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00							
01049	LEAD, DISSOLVED																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00							
01050	LEAD, SUSPENDED																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00							
01051	LEAD, TOTAL																	
	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	15.	2	1	0.50	1	1	1.00	1	0	0.00							
01090	ZINC, DISSOLVED																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00							
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00							

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0333

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01091	ZINC, SUSPENDED																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
01092	ZINC, TOTAL																	
	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
01147	SELENIUM, TOTAL																	
	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
71900	MERCURY, TOTAL																	
	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				
	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00				

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0334

NPS Station ID: BLRI0334
 Location: BRIDGE AT SMOKEMONT CAMPGROUND
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 1021500 007720 00920 8540 4030 0730
 RMI-Miles: 0953.80 0046.50 601.10 076.20 018.30 013.96
 HUC: 06010203
 Major Basin: LITTLE TENNESSEE R BASIN
 Minor Basin: OCONALUFTEE RIVER 13.96
 RF1 Index: 06010203
 RF3 Index: 06010203003101.97
 Description:

LAT/LON: 35.552781/ -83.309726

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.54

Agency: 131TVAC
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): 360147/4064
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: BLRI0334

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/68-03/24/69	8	11.75	10.6	16.8	2.2	20.86	4.567	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/68-03/24/69	8	1.	1.25	3.	0.5	0.714	0.845	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/30/68-03/24/69	8	10.	8.75	15.	2.5	25.	5.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/68-03/24/69	8	18.	20.25	36.	14.	55.357	7.44	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/68-03/24/69	8	9.55	9.675	11.	8.2	0.782	0.884	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/30/68-03/24/69	8 ##	0.5	1.075	2.4	0.5	0.659	0.812	**	**	**
00400	PH (STANDARD UNITS)	04/30/68-03/24/69	7	6.9	7.014	7.6	6.4	0.208	0.456	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/30/68-03/24/69	7	6.9	6.829	7.6	6.4	0.248	0.498	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/68-03/24/69	7	0.126	0.148	0.398	0.025	0.019	0.137	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/30/68-03/24/69	7	5.	4.143	5.	2.	1.476	1.215	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/30/68-03/24/69	7	0.	0.	0.	0.	0.	0.	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/30/68-03/24/69	7	30.	28.571	50.	10.	180.952	13.452	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/30/68-03/24/69	7	30.	27.143	50.	10.	157.143	12.536	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/30/68-03/24/69	8	0.115	0.162	0.48	0.005	0.024	0.156	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/68-03/24/69	8 ##	0.018	0.031	0.09	0.005	0.001	0.032	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	8 ##	0.008	0.009	0.02	0.005	0.	0.005	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/30/68-03/24/69	8	0.225	0.2	0.29	0.08	0.007	0.086	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/30/68-03/24/69	8	0.007	0.021	0.104	0.002	0.001	0.035	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/30/68-12/02/68	5	0.016	0.011	0.02	0.002	0.	0.009	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	04/30/68-03/24/69	8	1.	0.781	1.	0.25	0.097	0.312	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/68-03/24/69	8 ##	0.25	0.313	0.5	0.25	0.013	0.116	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	04/30/68-03/24/69	7	0.7	1.057	2.3	0.3	0.56	0.748	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	04/30/68-03/24/69	7	1.1	1.557	3.2	0.5	1.046	1.023	**	**	**
00940	CHLORIDE, TOTAL IN WATER (MG/L)	04/30/68-03/24/69	8	2.	1.688	2.	0.5	0.353	0.594	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/68-03/24/69	8	2.	2.25	5.	1.	1.643	1.282	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	04/30/68-03/24/69	8	0.035	0.042	0.07	0.005	0.001	0.023	**	**	**
00956	SILICA, TOTAL (MG/L AS SiO2)	04/30/68-03/24/69	8	4.55	4.5	6.9	2.6	1.871	1.368	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/21/68-07/21/68	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/30/68-03/24/69	8	110.	154.375	540.	25.	26210.268	161.896	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/30/68-03/24/69	8 ##	25.	75.625	370.	25.	14338.839	119.745	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	04/30/68-03/24/69	8 ##	25.	34.375	100.	25.	703.125	26.517	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/30/68-03/24/69	8	20.	37.5	120.	10.	1650.	40.62	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/30/68-03/24/69	6	15.	30.833	80.	5.	984.167	31.371	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/21/68-07/21/68	2 ##	47.5	47.5	90.	5.	3612.5	60.104	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/68-03/24/69	8	135.	140.	300.	5.	13421.429	115.851	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/30/68-03/24/69	8	2.128	1.835	2.477	0.699	0.534	0.731	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/30/68-03/24/69	8	68.45	68.45					**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	8 ##	5.	27.5	140.	5.	2314.286	48.107	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0334

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/30/68-03/24/69	8 ##	0.699	1.005	2.146	0.699	0.335	0.579	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			10.113								
46570 HARDNESS, CA MG CALCULATED (MG/L AS CaCO3)	10/21/68-12/02/68	2	4.	4.	5.	3.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0334

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	7	1	0.14	1	0	0.00	3	1	0.33	3	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0335

NPS Station ID: BLRI0335 LAT/LON: 35.470837/ -83.318059
 Location: OCONALUFTEE RIVER NR CHEROKEE NC INACT-750129
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: LITTLE TENNESSEE
 RF1 Index: 06010203031 RF1 Mile Point: 0.530
 RF3 Index: 06010203003101.06 RF3 Mile Point: 1.05
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): G8500000 /LTN029
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.07

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0335

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-03/24/76	16	17.	14.844	22.	1.5	38.324	6.191	5.35	9.	19.75	22.
00023	SAMPLE WEIGHT IN POUNDS	07/29/68-01/29/75	15	18.	15.233	22.	1.5	38.46	6.202	4.8	9.	20.	22.
00032	CLOUD COVER (PERCENT)	06/21/73-03/24/76	7	20.	42.857	100.	0.	2198.81	46.891	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/21/73-03/24/76	7	0.	0.043	0.3	0.	0.013	0.113	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/29/68-06/18/70	5	270.	265.8	361.	148.	9309.7	96.487	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/76-03/24/76	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	06/21/73-03/24/76	2	3.035	3.035	3.15	2.92	0.026	0.163	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/16/74-12/10/74	2	1.9	1.9	2.6	1.2	0.98	0.99	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/74-11/14/74	2	47.5	47.5	64.	31.	544.5	23.335	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/29/68-03/24/76	16	9.7	10.006	13.5	7.	2.397	1.548	8.12	9.	10.9	12.59
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/29/68-03/24/76	16	97.5	96.75	113.	57.	159.8	12.641	75.9	94.25	104.25	110.2
00308	BOD, NITROGEN INHIB.,TOTAL., 20 DAY, 20 DEG C MG/L	09/12/74-11/14/74	2	47.5	47.5	64.	31.	544.5	23.335	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/29/68-03/24/76	11	0.4	0.623	1.4	0.05	0.22	0.469	0.08	0.3	1.1	1.38
00340	COD, .25N K2CR2O7 MG/L	01/29/75-03/24/76	2 ##	8.75	8.75	12.5	5.	28.125	5.303	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/68-03/24/76	16	6.7	6.8	7.6	6.1	0.164	0.405	6.24	6.525	7.1	7.46
00400	CONVERTED PH (STANDARD UNITS)	07/29/68-03/24/76	16	6.7	6.642	7.6	6.1	0.191	0.437	6.24	6.525	7.1	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/68-03/24/76	16	0.2	0.228	0.794	0.025	0.04	0.201	0.035	0.079	0.3	0.589
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/29/68-03/24/76	16	7.	6.875	9.	4.	2.383	1.544	4.7	6.	8.	9.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/68-03/24/76	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/16/74-03/24/76	3	22.	25.333	35.	19.	72.333	8.505	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/16/74-03/24/76	2	10.	10.	16.	4.	72.	8.485	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/16/74-03/24/76	2	18.	18.	21.	15.	18.	4.243	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/73-01/29/75	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	12/08/70-12/08/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00525	RESIDUE, FIXED FILTRABLE (MG/L)	06/21/73-06/21/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/74-03/24/76	2	7.	7.	13.	1.	72.	8.485	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/16/74-03/24/76	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/16/74-03/24/76	2	4.	4.	8.	0.	32.	5.657	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-01/29/75	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/29/75-01/29/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/29/75-01/29/75	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/29/68-01/29/75	15	9.7	9.86	13.5	7.	2.201	1.484	7.96	9.	10.6	12.24
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-01/29/75	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/29/75-01/29/75	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/29/75-01/29/75	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00740	SULFITE (MG/L AS SO3)	06/21/73-01/29/75	6	2.	1.833	2.	1.	0.167	0.408	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/68-06/18/70	5	270.	265.8	361.	148.	9309.7	96.487	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0335

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	09/16/74-09/16/74	1	0.	0.	0.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/21/73-01/29/75	5	90.	138.	270.	60.	7470.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/21/73-01/29/75	6	0.	0.05	0.3	0.	0.015	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/21/73-01/29/75	6	1.	1.	1.	1.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/21/73-01/29/75	3	4064.	5079.667	9965.	1210.	19936190.333	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/74-09/16/74	1	15.	15.	15.	15.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/29/68-06/18/70	4	1094.5	1372.25	2520.	780.	638420.25	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/26/71-01/29/75	5	330.	1056.	3800.	150.	2400380.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/68-01/29/75	10	0.4	0.555	1.	0.05	0.141	0.065	0.275	1.	1.
01132	LITHIUM, TOTAL (UG/L AS LI)	06/21/73-01/29/75	6	47.5	50.	100.	0.	2210.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/14/69-01/29/75	4	17500.	16753.125	32000.	12.5	244777122.396	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/14/69-01/29/75	4	4.146	3.474	4.505	1.097	2.6	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2975.631							
31508	COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	15	7.	6.867	8.	6.	0.267	0.516	6.	7.	7.4
31508	LOG COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	15	0.845	0.836	0.903	0.778	0.001	0.033	0.778	0.845	0.845
31508	GM COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6.848							
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	3	200.	1293.333	3500.	180.	3652133.333	1911.056	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	3	2.301	2.7	3.544	2.255	0.535	0.731	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			501.33							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-03/24/76	6	300.	890.	3800.	60.	2085640.	1444.175	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-03/24/76	6	2.475	2.558	3.58	1.778	0.382	0.618	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			361.303							
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/21/73-01/29/75	4	0.	0.25	1.	0.	0.25	0.5	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/29/68-01/29/75	15	97.	96.2	113.	57.	166.029	12.885	73.2	94.	102.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/73-01/29/75	6	50.	64.167	95.	50.	484.167	22.004	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/08/70-12/08/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
85001	BOD, 5 DAY LBS/DAY	07/29/68-06/18/70	4	1094.5	1372.25	2520.	780.	638420.25	799.012	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0335

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00			
00400	PH	9.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00			
		6.5	16	4	0.25	6	2	0.33	6	1	0.17	4	1	0.25			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	1	0	0.00				1	0	0.00						
00720	CYANIDE, TOTAL	0.022	0&	0	0.00												
		0.2	1	0	0.00				1	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00				1	0	0.00						
		250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	360.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		50.	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
01030	CHROMIUM, DISSOLVED	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	18.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		1300.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	82.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
		15.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
01065	NICKEL, DISSOLVED	1400.	1	0	0.00	1	0	0.00									
		100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	1400.	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50			
		100.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00			
01075	SILVER, DISSOLVED	4.1	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
		100.	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
01090	ZINC, DISSOLVED	120.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
		5000.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	4	3	0.75				2	1	0.50	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0335

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31508 COLIFORM, TOTAL, MPN, COMP. TEST, TUBE C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	1	1.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	4	0.67	2	2	1.00	3	1	0.33	1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: BLRI0336

NPS Station ID: BLRI0336 LAT/LON: 35.477782/ -83.318059
 Location: OCONALUFTEE RIVER AT CHEROKEE NC INACT-750129
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 06010203 Depth of Water: 1
 Major Basin: SOUTHEAST Elevation: 0
 Minor Basin: LITTLE TENNESSEE
 RF1 Index: 06010203031 RF1 Mile Point: 0.930
 RF3 Index: 06010203000100.00 RF3 Mile Point: 0.00
 Description:

Agency: 21NC01WQ
 FIPS State/County: 37173 NORTH CAROLINA/SWAIN
 STORET Station ID(s): G8200000 /LTN028
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: BLRI0336

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-01/29/75	15	17.	15.2	22.	1.	40.314	6.349	4.	9.	20.	22.
00023	SAMPLE WEIGHT IN POUNDS	07/29/68-01/29/75	15	17.	15.2	22.	1.	40.314	6.349	4.	9.	20.	22.
00032	CLOUD COVER (PERCENT)	06/21/73-01/29/75	6	57.5	55.833	100.	0.	1784.167	42.239	**	**	**	**
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	06/21/73-01/29/75	6	0.	0.05	0.3	0.	0.015	0.122	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/29/68-06/18/70	5	270.	265.8	361.	148.	9309.7	96.487	**	**	**	**
00065	STAGE, STREAM (FEET)	06/21/73-06/21/73	1	2.92	2.92	2.92	2.92	0.	0.	**	**	**	**
00076	TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/16/74-12/10/74	2	1.6	1.6	2.1	1.1	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/74-11/14/74	2	44.5	44.5	60.	29.	480.5	21.92	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/29/68-01/29/75	15	9.7	9.967	13.6	7.6	2.171	1.473	8.2	8.9	11.1	12.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/29/68-01/29/75	14	96.5	97.714	113.	61.	155.451	12.468	77.5	95.	107.5	112.
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	09/12/74-11/14/74	2	44.5	44.5	60.	29.	480.5	21.92	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/29/68-01/29/75	10	0.45	0.66	1.6	0.2	0.196	0.443	0.21	0.375	1.025	1.55
00340	COD, .25N K2CR2O7 MG/L	01/29/75-01/29/75	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/68-01/29/75	15	7.	6.847	7.7	6.2	0.196	0.442	6.2	6.5	7.1	7.52
00400	CONVERTED PH (STANDARD UNITS)	07/29/68-01/29/75	15	7.	6.655	7.7	6.2	0.235	0.485	6.2	6.5	7.1	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/68-01/29/75	15	0.1	0.221	0.631	0.02	0.044	0.209	0.032	0.079	0.316	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/29/68-01/29/75	15	7.	6.267	8.	4.	1.924	1.387	4.	5.	7.	8.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/68-01/29/75	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/16/74-01/29/75	2	13.5	13.5	16.	11.	12.5	3.536	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/16/74-01/29/75	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/16/74-01/29/75	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/73-01/29/75	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	12/08/70-12/08/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00525	RESIDUE, FIXED FILTRABLE (MG/L)	06/21/73-06/21/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/74-01/29/75	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/16/74-01/29/75	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/16/74-01/29/75	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/21/73-01/29/75	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/29/75-01/29/75	1##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/29/75-01/29/75	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/29/68-01/29/75	15	9.7	9.967	13.6	7.6	2.171	1.473	8.2	8.9	11.1	12.34
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/29/75-01/29/75	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/29/75-01/29/75	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/29/75-01/29/75	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00740	SULFITE (MG/L AS SO3)	06/21/73-01/29/75	6	2.	1.667	2.	1.	0.267	0.516	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/68-06/18/70	5	270.	265.8	361.	148.	9309.7	96.487	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/29/75-01/29/75	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/16/74-01/29/75	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: BLRI0336

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/21/73-01/29/75	5	180.	192.	270.	60.	7470.	86.429	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/21/73-01/29/75	6	0.	0.05	0.3	0.	0.015	0.122	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/21/73-01/29/75	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/21/73-01/29/75	3	4063.	5078.667	9964.	1209.	19936190.333	4464.996	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/74-01/29/75	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/29/68-06/18/70	4	887.	1121.75	2130.	583.	477507.583	691.019	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/26/71-01/29/75	5	20.	17.	30.	5.	95.	9.747	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/68-01/29/75	10	0.45	0.69	2.	0.2	0.288	0.536	0.21	0.375	1.	1.9
01132	LITHIUM, TOTAL (UG/L AS LI)	06/21/73-01/29/75	6	57.5	55.833	100.	0.	1784.167	42.239	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/14/69-01/29/75	4##	75.	965.625	3700.	12.5	3324309.896	1823.269	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/14/69-01/29/75	4##	1.849	2.091	3.568	1.097	1.111	1.054	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/29/68-01/29/75	15	7.	6.867	8.	6.	0.267	0.516	6.	7.	7.	7.4
31508	LOG COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	15	0.845	0.836	0.903	0.778	0.001	0.033	0.778	0.845	0.845	0.868
31508	GM COLIFORM,TOT,MPN,COMPLETED TEST, TUBE CONFIG.	07/29/68-01/29/75	15	0.845	0.836	0.903	0.778	0.001	0.033	0.778	0.845	0.845	0.868
31508	GEOMETRIC MEAN =	07/29/68-01/29/75	15	7.	6.867	8.	6.	0.267	0.516	6.	7.	7.	7.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	3##	5.	90.	260.	5.	21675.	147.224	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	3##	0.699	1.271	2.415	0.699	0.982	0.991	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/29/68-04/27/71	3##	0.699	1.271	2.415	0.699	0.982	0.991	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-01/29/75	5	20.	17.	30.	5.	95.	9.747	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-01/29/75	5	1.301	1.156	1.477	0.699	0.095	0.308	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/26/71-01/29/75	5	1.301	1.156	1.477	0.699	0.095	0.308	**	**	**	**
31616	GEOMETRIC MEAN =	08/26/71-01/29/75	5	20.	17.	30.	5.	95.	9.747	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/21/73-01/29/75	4	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHIOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/29/68-01/29/75	14	96.5	97.714	113.	61.	155.451	12.468	77.5	95.	107.5	112.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/73-01/29/75	6	50.	56.667	90.	50.	266.667	16.33	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/08/70-12/08/70	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
85001	BOD, 5 DAY LBS/DAY	07/29/68-06/18/70	4	887.	1121.75	2130.	583.	477507.583	691.019	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: BLRI0336

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	15	4	0.27	6	2	0.33	5	1	0.20	4	1	0.25			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	0&	0	0.00												
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
		Drinking Water	15.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50			
		Drinking Water	100.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4&	4	1.00	2	2	1.00	1	1	1.00	1	1	1.00			
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	1	0.25				2	0	0.00	2	1	0.50			
31508	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: BLRI0336

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	200.	3	1	0.33	1	1	1.00	1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire BLRI Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14			10/15-3/31			4/01-6/30			n/a			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	930	52	0.06	189	17	0.09	449	22	0.05	292	13	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4501	28	0.01	1554	11	0.01	2093	8	0.00	854	9	0.01			
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	5	0	0.00				5	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	928	2	0.00	318	1	0.00	288	1	0.00	322	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5859 &	119	0.02	1976	75	0.04	2296	21	0.01	1587	23	0.01			
00400	PH	Other-Hi Lim.	9.	7231	319	0.04	2510	145	0.06	2720	91	0.03	2001	83	0.04			
		Other-Lo Lim.	6.5	7230 &	1336	0.18	2509	497	0.20	2720	529	0.19	2001	310	0.15			
00403	PH, LAB	Other-Hi Lim.	9.	1903	1	0.00	555	1	0.00	814	0	0.00	534	0	0.00			
		Other-Lo Lim.	6.5	1903	327	0.17	555	62	0.11	814	184	0.23	534	81	0.15			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	46	31	0.67	10	7	0.70	15	8	0.53	21	16	0.76			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	171	0	0.00	73	0	0.00	65	0	0.00	33	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3559	2	0.00	1078	1	0.00	1419	0	0.00	1062	1	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	236	0	0.00	89	0	0.00	104	0	0.00	43	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3032	2	0.00	943	2	0.00	1161	0	0.00	928	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1951	1	0.00	628	0	0.00	855	1	0.00	468	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	299	0	0.00	106	0	0.00	125	0	0.00	68	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	68 &	10	0.15	26	9	0.35	16	1	0.06	26	0	0.00			
		Drinking Water	0.2	71	10	0.14	27	9	0.33	18	1	0.06	26	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2066	0	0.00	623	0	0.00	931	0	0.00	512	0	0.00			
		Drinking Water	250.	2066	1	0.00	623	0	0.00	931	1	0.00	512	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	46	0	0.00	10	0	0.00	15	0	0.00	21	0	0.00			
		Drinking Water	250.	46	0	0.00	10	0	0.00	15	0	0.00	21	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1989	0	0.00	588	0	0.00	902	0	0.00	499	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	98	0	0.00	21	0	0.00	37	0	0.00	40	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	697	0	0.00	229	0	0.00	301	0	0.00	167	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	595	0	0.00	159	0	0.00	278	0	0.00	158	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	38	0	0.00	26	0	0.00	8	0	0.00	4	0	0.00			
		Drinking Water	50.	38	10	0.26	26	4	0.15	8	4	0.50	4	2	0.50			
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1100	0	0.00	374	0	0.00	414	0	0.00	312	0	0.00			
		Drinking Water	50.	1100	0	0.00	374	0	0.00	414	0	0.00	312	0	0.00			
01007	BARIUM, TOTAL	Marine Acute	69.	6	0	0.00							6	0	0.00			
01010	BERYLLIUM, DISSOLVED	Drinking Water	2000.	30	0	0.00	12	0	0.00	13	0	0.00	5	0	0.00			
		Fresh Acute	130.	9	0	0.00	9	0	0.00									
		Drinking Water	4.	9	9	1.00	9	9	1.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	49	0	0.00	17	0	0.00	15	0	0.00	17	0	0.00			
		Drinking Water	4.	10 &	0	0.00	2	0	0.00				8	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	18	1	0.06	12	0	0.00	4	0	0.00	2	1	0.50			
		Drinking Water	5.	18	1	0.06	12	0	0.00	4	0	0.00	2	1	0.50			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	784 &	18	0.02	267	4	0.01	303	2	0.01	214	12	0.06			
		Drinking Water	5.	784 &	17	0.02	267	4	0.01	303	1	0.00	214	12	0.06			
		Marine Acute	43.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	38	0	0.00	16	0	0.00	19	0	0.00	3	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	15	0	0.00	3	0	0.00	11	0	0.00	1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	6 &	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1452	3	0.00	477	1	0.00	572	1	0.00	403	1	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	152 &	4	0.03	56	3	0.05	70	0	0.00	26	1	0.04			
		Drinking Water	1300.	153	0	0.00	57	0	0.00	70	0	0.00	26	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	17	0	0.00	4	0	0.00	12	0	0.00	1	0	0.00			
		Drinking Water	1300.	17	0	0.00	4	0	0.00	12	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1515 &	165	0.11	475	68	0.14	619	52	0.08	421	45	0.11			
		Drinking Water	1300.	1700	0	0.00	534	0	0.00	685	0	0.00	481	0	0.00			
		Marine Acute	2.9	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	40	6	0.15	18	2	0.11	17	2	0.12	5	2	0.40			
		Drinking Water	15.	40	8	0.20	18	4	0.22	17	2	0.12	5	2	0.40			
01050	LEAD, SUSPENDED	Fresh Acute	82.	17	0	0.00	4	0	0.00	12	0	0.00	1	0	0.00			
		Drinking Water	15.	17	1	0.06	4	0	0.00	12	1	0.08	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire BLRI Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051 LEAD, TOTAL	Fresh Acute	82.	1487	12	0.01	479	5	0.01	599	6	0.01	409	1	0.00			
	Drinking Water	15.	1225 &	89	0.07	407	27	0.07	494	47	0.10	324	15	0.05			
01059 THALLIUM, TOTAL	Fresh Acute	1400.	21	0	0.00	11	0	0.00				10	0	0.00			
	Drinking Water	2.	10 &	0	0.00	2	0	0.00				8	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	181	0	0.00	46	0	0.00	75	0	0.00	60	0	0.00			
	Drinking Water	100.	181	0	0.00	46	0	0.00	75	0	0.00	60	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1008	2	0.00	341	0	0.00	386	0	0.00	281	2	0.01			
	Drinking Water	100.	1007 &	14	0.01	340	6	0.02	386	2	0.01	281	6	0.02			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	9 &	9	1.00	4	4	1.00	3	3	1.00	2	2	1.00			
	Drinking Water	100.	10	5	0.50	4	2	0.50	4	2	0.50	2	1	0.50			
01077 SILVER, TOTAL	Fresh Acute	4.1	4 &	1	0.25				3	0	0.00	1	1	1.00			
	Drinking Water	100.	38	0	0.00	15	0	0.00	16	0	0.00	7	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	160	1	0.01	61	1	0.02	69	0	0.00	30	0	0.00			
	Drinking Water	5000.	160	0	0.00	61	0	0.00	69	0	0.00	30	0	0.00			
01091 ZINC, SUSPENDED	Fresh Acute	120.	12	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00			
	Drinking Water	5000.	12	0	0.00	2	0	0.00	9	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1602	67	0.04	512	30	0.06	630	18	0.03	460	19	0.04			
	Drinking Water	5000.	1602	5	0.00	512	3	0.01	630	0	0.00	460	2	0.00			
	Marine Acute	95.	10	0	0.00				1	0	0.00	9	0	0.00			
01097 ANTIMONY, TOTAL	Fresh Acute	88.	3 &	0	0.00							3	0	0.00			
	Drinking Water	6.	2 &	0	0.00							2	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	9	0	0.00	8	0	0.00	1	0	0.00						
	Drinking Water	50.	9	0	0.00	8	0	0.00	1	0	0.00						
01146 SELENIUM, SUSPENDED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	234 &	1	0.00	89	0	0.00	64	1	0.02	81	0	0.00			
	Drinking Water	50.	235	1	0.00	89	0	0.00	64	1	0.02	82	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	190	85	0.45	52	31	0.60	80	22	0.28	58	32	0.55			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAYED	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31504 COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	157	37	0.24	48	15	0.31	69	11	0.16	40	11	0.28			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	243	171	0.70	80	61	0.76	69	38	0.55	94	72	0.77			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31508 COLIFORM, TOTAL, MPN, COMP. TEST, TUBE C	Other-Hi Lim.	1000.	30	0	0.00	12	0	0.00	10	0	0.00	8	0	0.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	11	2	0.18	11	2	0.18									
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	79	41	0.52	19	15	0.79	32	13	0.41	28	13	0.46			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5259 &	1847	0.35	1835	652	0.36	1905	647	0.34	1519	548	0.36			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	38	27	0.71	7	6	0.86	24	15	0.63	7	6	0.86			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
32103 1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECAHEDRONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00							1	0	0.00			
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00							1	0	0.00			
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34306 CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34346 1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00							1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	20	0	0.00	13	0	0.00	4	0	0.00	3	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	20	0	0.00	13	0	0.00	4	0	0.00	3	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00							1	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00							1	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00							1	0	0.00			
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00							1	0	0.00			
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00							1	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire BLRI Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00						1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	1	0.50						2	1	0.50			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00						1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00						1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00						1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00						1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00						1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00						1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00						1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00						1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00						1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00						1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00						1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00						1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00						1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00						1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	42	0	0.00	25	0	0.00	10	0	0.00	7	0	0.00		
		Drinking Water	1.	41 &	0	0.00	25	0	0.00	10	0	0.00	6	0	0.00		
39033	ATRAZINE IN WHOLE WATER SAMPLE	Drinking Water	3.	4	0	0.00	4	0	0.00								
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00						1	0	0.00			
		Drinking Water	6.	1	0	0.00						1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00						1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	44	0	0.00	25	0	0.00	10	0	0.00	9	0	0.00		
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	44	0	0.00	25	0	0.00	10	0	0.00	9	0	0.00		
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	44	0	0.00	25	0	0.00	10	0	0.00	9	0	0.00		
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	66	0	0.00	40	0	0.00	14	0	0.00	12	0	0.00		
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
		Drinking Water	0.2	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	40	0	0.00	21	0	0.00	9	0	0.00	10	0	0.00		
		Drinking Water	2.	40	0	0.00	21	0	0.00	9	0	0.00	10	0	0.00		
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00		
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00		
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	13 &	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00		
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	62	0	0.00	31	0	0.00	16	0	0.00	15	0	0.00		
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	7	0	0.00	5	0	0.00	2	0	0.00					
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	55	0	0.00	30	0	0.00	14	0	0.00	11	0	0.00		
		Drinking Water	2.	55	0	0.00	30	0	0.00	14	0	0.00	11	0	0.00		
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	29	0	0.00	18	0	0.00	7	0	0.00	4	0	0.00		
		Drinking Water	3.	29	0	0.00	18	0	0.00	7	0	0.00	4	0	0.00		
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
		Drinking Water	0.4	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
		Drinking Water	0.2	30	0	0.00	18	0	0.00	8	0	0.00	4	0	0.00		
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	31	0	0.00	17	0	0.00	8	0	0.00	6	0	0.00		
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00		
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00		
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	24 &	0	0.00	12	0	0.00	6	0	0.00	6	0	0.00		
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	25	0	0.00	12	0	0.00	6	0	0.00	7	0	0.00		
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMP	Fresh Acute	90.	1	0	0.00						1	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00								
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	12	0	0.00	8	0	0.00	4	0	0.00					
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	12	0	0.00	8	0	0.00	4	0	0.00					
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00						1	0	0.00			
		Drinking Water	0.2	1	0	0.00						1	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	30	12	0.40	15	10	0.67	6	0	0.00	9	2	0.22		
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	102	0	0.00	30	0	0.00	38	0	0.00	34	0	0.00		
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	441	0	0.00	150	0	0.00	187	0	0.00	104	0	0.00		
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	128	0	0.00	58	0	0.00	48	0	0.00	22	0	0.00		
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	9	0	0.00	8	0	0.00	1	0	0.00					
		Drinking Water	2.	9	0	0.00	8	0	0.00	1	0	0.00					
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00						1	0	0.00			
		Drinking Water	2.	1	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire BLRI Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71900	MERCURY, TOTAL	2.4	1447 &	10	0.01	465	3	0.01	576	7	0.01	406	0	0.00			
	Drinking Water	2.	1447 &	10	0.01	465	3	0.01	576	7	0.01	406	0	0.00			
82078	TURBIDITY, FIELD	50.	375	7	0.02	125	1	0.01	109	3	0.03	141	3	0.02			
82079	TURBIDITY, LAB	50.	46	0	0.00	10	0	0.00	15	0	0.00	21	0	0.00			
82295	CHLORIDE DISSOLVED AS CL IN WATER	860000.	30	0	0.00	7	0	0.00	14	0	0.00	9	0	0.00			
	Drinking Water	250000.	30	0	0.00	7	0	0.00	14	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

**NPS Servicewide Inventory and Monitoring Program Level I
Water Quality Parameter Inventory Data Evaluation and Analysis:
Missing Level I Groups**

There are STORET Data for Every Level I I&M Parameter Group Within
the BLRI Study Area

NPS Servicewide Inventory and Monitoring Program Level I
Water Quality Parameter Inventory Data Evaluation and Analysis:
Present Level I Groups

STORET Data Within the BLRI Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	46	41	5	0	25
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	3393	1393	977	1023	199
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	733	1	179	553	77
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	5	0	5	0	3
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	307	8	267	32	36
00440	BICARBONATE ION (MG/L AS HCO3)	651	41	118	492	60
00445	CARBONATE ION (MG/L AS CO3)	403	0	58	345	36
		5538	1484	1609	2445	436(229) ¹
pH		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	7410	3032	2444	1934	222
00403	PH, LAB (STANDARD UNITS)	1905	1522	280	103	106
		9315	4554	2724	2037	328(264) ¹
Conductivity		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	3258	2400	825	33	67
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2450	979	777	694	177
00480	SALINITY - PARTS PER THOUSAND	7	7	0	0	2
		5715	3386	1602	727	246(207) ¹
Dissolved Oxygen		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	931	823	107	1	52
00300	OXYGEN, DISSOLVED (MG/L)	5883	2129	2258	1496	177
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	651	34	180	437	58
		7465	2986	2545	1934	287(200) ¹
Water Temperature		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7458	3098	2458	1902	245
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	307	2	279	26	21
		7765	3100	2737	1928	266(253) ¹
Flow		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	1	0	1	0	1
00060	FLOW, STREAM, MEAN DAILY CFS	1161	0	392	769	48
00061	FLOW, STREAM, INSTANTANEOUS CFS	1691	749	760	182	57
00065	STAGE, STREAM (FEET)	1641	791	612	238	77
00067	TIDE STAGE CODE	3	2	1	0	2
		4497	1542	1766	1189	185(130) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	930	297	327	306	58
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	4	0	4	0	2
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	4649	1054	3480	115	92
00077	TRANSPARENCY, SECCHI DISC (INCHES)	1	1	0	0	1
00078	TRANSPARENCY, SECCHI DISC (METERS)	66	39	5	22	21
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	7886	2298	5328	260	118
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	377	377	0	0	16
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	46	41	5	0	25
		13959	4107	9149	703	333(188) ¹

Nitrate/Nitrogen		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	528	13	487	28	24
00602	NITROGEN, DISSOLVED (MG/L AS N)	10	0	10	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	377	15	188	174	31
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	20	0	19	1	4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	61	16	31	14	15
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4612	2145	1795	672	142
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	236	17	104	115	32
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	3032	1419	1063	550	65
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	30	0	29	1	4
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	4632	2133	1924	575	128
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1981	759	1053	169	107
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	299	12	168	119	29
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	12	0	12	0	4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	57	18	34	5	8
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	102	0	3	99	12
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	519	59	117	343	64
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	128	0	101	27	22
		16636	6606	7138	2892	692(227) ¹

Phosphate/Phosphorus		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	349	0	159	190	29
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	264	0	183	81	42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3593	2165	1086	342	129
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	221	13	91	117	28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1751	738	838	175	62
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	958	0	604	354	19
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	2249	1033	794	422	68
		9385	3949	3755	1681	377(206) ¹

Chlorophyll		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	35	34	1	0	10
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	24	11	3	10	11
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	29	11	4	14	12
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	35	34	1	0	10
32230	CHLOROPHYLL A (MG/L)	91	0	72	19	1
		214	90	81	43	44 (23) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	2818	1788	508	522	109
00945	SULFATE, TOTAL (MG/L AS SO4)	2076	988	473	615	110
00946	SULFATE, DISSOLVED (MG/L AS SO4)	98	59	21	18	31
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	869	48	301	520	57
		5861	2883	1303	1675	307(173) ¹

Bacteria		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDOMED, 35C	192	0	91	101	21
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY. M-ENDOMED, 35C	1	0	0	1	1
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, L-END AGAR, 35C	157	142	2	13	15
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	243	0	2	241	47
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	2	0	0	2	1
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	30	0	2	28	2
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11	0	0	11	10
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	79	2	1	76	14
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	5599	2326	2150	1123	130
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	38	0	38	0	2
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	132	6	103	23	6
		6484	2476	2389	1619	249(137) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements	Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	
01097	ANTIMONY, TOTAL (UG/L AS SB)	4	1	3	0	4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	38	0	11	27	18
01001	ARSENIC, SUSPENDED (UG/L AS AS)	1	0	1	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	1107	693	311	103	74
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	9	0	0	9	9
01012	BERYLLIUM, TOTAL (UG/L AS BE)	49	20	29	0	25
01025	CADMIUM, DISSOLVED (UG/L AS CD)	18	0	9	9	12
01026	CADMIUM, SUSPENDED (UG/L AS CD)	1	0	1	0	1
01027	CADMIUM, TOTAL (UG/L AS CD)	1286	716	444	126	77
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	38	0	27	11	15
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	15	0	15	0	4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	8	0	0	8	4
01034	CHROMIUM, TOTAL (UG/L AS CR)	1453	709	478	266	85
01040	COPPER, DISSOLVED (UG/L AS CU)	153	0	124	29	28
01041	COPPER, SUSPENDED (UG/L AS CU)	17	0	17	0	4
01042	COPPER, TOTAL (UG/L AS CU)	1702	704	705	293	103
01049	LEAD, DISSOLVED (UG/L AS PB)	40	0	27	13	17
01050	LEAD, SUSPENDED (UG/L AS PB)	17	0	17	0	4
01051	LEAD, TOTAL (UG/L AS PB)	1488	705	567	216	86
71890	MERCURY, DISSOLVED (UG/L AS HG)	9	0	9	0	9
71895	MERCURY, SUSPENDED (UG/L AS HG)	1	0	1	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	1449	697	466	286	109
01065	NICKEL, DISSOLVED (UG/L AS NI)	181	0	122	59	22
01067	NICKEL, TOTAL (UG/L AS NI)	1009	703	253	53	73
01145	SELENIUM, DISSOLVED (UG/L AS SE)	9	0	9	0	9
01146	SELENIUM, SUSPENDED (UG/L AS SE)	1	0	1	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	236	160	76	0	33
01075	SILVER, DISSOLVED (UG/L AS AG)	10	0	2	8	2
01077	SILVER, TOTAL (UG/L AS AG)	38	6	31	1	19
01059	THALLIUM, TOTAL (UG/L AS TL)	21	12	9	0	16
01090	ZINC, DISSOLVED (UG/L AS ZN)	160	0	124	36	29
01091	ZINC, SUSPENDED (UG/L ZN)	12	0	12	0	4
01092	ZINC, TOTAL (UG/L AS ZN)	1613	709	581	323	102
00720	CYANIDE, TOTAL (MG/L AS CN)	71	14	3	54	20
34210	ACROLEIN, TOTAL (UG/L)	1	0	1	0	1
34215	ACRYLONITRILE, TOTAL (UG/L)	1	0	1	0	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	1	0	1	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	1	0	1	0	1
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	1	0	1	0	1
34301	CHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	1	0	1	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	1	0	1	0	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	1	0	1	0	1
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	1	0	1	0	1
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	1	0	1	0	1
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	1	0	1	0	1
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	1	0	1	0	1
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	1	0	1	0	1
34371	ETHYLBENZENE, TOTAL (UG/L)	1	0	1	0	1
34413	METHYL BROMIDE, TOTAL (UG/L)	1	0	1	0	1
34418	METHYL CHLORIDE, TOTAL (UG/L)	1	0	1	0	1
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	1	0	1	0	1
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	1	0	1	0	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	1	0	1	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	1	0	1	0	1
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34586	2-CHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	1	0	1	0	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	1	0	1	0	1
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34591	2-NITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34646	4-NITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	1	0	1	0	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	43	14	29	0	14
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	1	0	1	0	1
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34205	ACENAPHTHENE, TOTAL (UG/L)	1	0	1	0	1
34200	ACENAPHTHYLENE, TOTAL (UG/L)	1	0	1	0	1
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34247	BENZO-A-PYRENE, TOTAL (UG/L)	1	0	1	0	1
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	1	0	1	0	1
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	1	0	1	0	1
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	1	0	1	0	1
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	1	0	1	0	1
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	1	0	1	0	1
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	1	0	1	0	1
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	1	0	1	0	1
34320	CHRYSENE, TOTAL (UG/L)	1	0	1	0	1
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	1	0	1	0	1
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	1	0	1	0	1
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	1	0	1	0	1
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	1	0	1	0	1
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	1	0	1	0	1
34376	FLUORANTHENE, TOTAL (UG/L)	1	0	1	0	1
34381	FLUORENE, TOTAL (UG/L)	1	0	1	0	1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	25	0	25	0	10
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	1	0	1	0	1
34396	HEXACHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	1	0	1	0	1
34408	ISOPHORONE, TOTAL (UG/L)	1	0	1	0	1
34696	NAPHTHALENE, TOTAL (UG/L)	1	0	1	0	1
34447	NITROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	1	0	1	0	1

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 10/19/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	1	0	1	0	1
34461	PHENANTHRENE, TOTAL (UG/L)	3	2	1	0	2
34469	PYRENE, TOTAL (UG/L)	1	0	1	0	1
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	67	21	43	3	20
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	21	14	7	0	13
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	21	14	7	0	13
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	31	21	7	3	16
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	21	14	7	0	13
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	41	11	27	3	17
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	14	7	1	6	7
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11	7	0	4	4
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	45	14	31	0	16
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10	7	0	3	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	63	21	31	11	21
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	21	14	7	0	13
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	21	14	7	0	13
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	21	14	7	0	13
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	56	21	31	4	20
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	21	14	7	0	13
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	7	4	3	0	5
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	21	14	7	0	13
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	21	14	7	0	13
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	21	14	7	0	13
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	21	14	7	0	13
34671	PCB - 1016, TOTAL (UG/L)	21	14	7	0	13
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	31	21	7	3	16
		13193	6258	4958	1977	1489(146) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I
Water Quality Parameter Inventory Data Evaluation and Analysis:
Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	5538	1484	26.8	229	72.7	24.2	04/01/29-09/25/95	83.3
pH	9315	4554	48.9	264	83.8	35.3	05/07/45-10/19/95	184.6
Conductivity	5715	3386	59.2	207	65.7	27.6	11/14/50-10/18/95	127.2
Dissolved Oxygen	7465	2986	40.0	200	63.5	37.3	01/05/65-10/19/95	242.5
Water Temperature	7765	3100	39.9	253	80.3	30.7	01/05/65-10/19/95	252.2
Flow	4497	1542	34.3	130	41.3	34.6	04/01/29-03/14/94	69.2
Clarity/Turbidity	13959	4107	29.4	188	59.7	74.3	01/05/65-09/25/95	454.4
Nitrate/Nitrogen	16636	6606	39.7	227	72.1	73.3	04/01/29-09/25/95	250.2
Phosphate/Phosphorus	9385	3949	42.1	206	65.4	45.6	01/05/65-09/25/95	305.5
Chlorophyll	214	90	42.1	23	7.3	9.3	07/28/69-08/24/93	8.9
Sulfates/Total Dissolved Solids/Hardness	5861	2883	49.2	173	54.9	33.9	04/01/29-10/02/95	88.1
Bacteria	6484	2476	38.2	137	43.5	47.3	01/05/65-10/19/95	210.6
Toxic Elements	13193	6258	47.4	146	46.3	90.4	04/29/67-07/13/95	467.7

**Water Quality Observations
Outside STORET Edit Criteria for BLRI
(Disposition: X = Discarded, Blank = Retained)**

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
BLRI0004	01034	CHROMIUM, TOTAL (UG/L AS CR)	730417	1056	16000.0000000	1112A9WQ	UP-POT-060
BLRI0004	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	730417	1056	100.0000000	1112A9WQ	UP-POT-060
BLRI0013	00405	CARBON DIOXIDE (MG/L AS CO2)	790718	1200	223.0000000	112WRD	375603078542101
BLRI0016	00405	CARBON DIOXIDE (MG/L AS CO2)	790718	1230	254.0000000	112WRD	375652078545701
BLRI0030	00916	CALCIUM, TOTAL (MG/L AS CA)	890717	1235	2900.0000000	21VASWCB	2-POL017.59
BLRI0030	00916	CALCIUM, TOTAL (MG/L AS CA)	890718	1230	3200.0000000	21VASWCB	2-POL017.59
BLRI0030	00937	POTASSIUM, TOTAL MG/L AS K)	890717	1235	800.0000000	21VASWCB	2-POL017.59
BLRI0030	00937	POTASSIUM, TOTAL MG/L AS K)	890718	1230	800.0000000	21VASWCB	2-POL017.59
BLRI0039	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	730524		0.0200000	1113REG3	JAMES RIVER12
BLRI0039	00400	PH (STANDARD UNITS)	730524		0.0070000	1113REG3	JAMES RIVER12
BLRI0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	731018		7100.0000000	1113REG3	JAMES RIVER12
BLRI0040	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	730523		0.0200000	1113REG3	JAMES RIVER10
BLRI0040	00400	PH (STANDARD UNITS)	730523		0.0080000	1113REG3	JAMES RIVER10
BLRI0041	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	730523		0.0200000	1113REG3	JAMES RIVER11
BLRI0041	00400	PH (STANDARD UNITS)	730523		0.0300000	1113REG3	JAMES RIVER11
BLRI0041	00927	MAGNESIUM, TOTAL (MG/L AS MG)	731018		7500.0000000	1113REG3	JAMES RIVER11
BLRI0042	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920910	1100	1150.0000000	21VASWCB	2-RED000.16
BLRI0043	00505	RESIDUE, TOTAL VOLATILE (MG/L)	780427	1330	10020.0000000	21VASWCB	2-JMS277.30
BLRI0043	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	750716	1235	193.0000000	21VASWCB	2-JMS277.30
BLRI0043	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	771122	1530	200.0000000	21VASWCB	2-JMS277.30
BLRI0052	00080	COLOR (PLATINUM-COBALT UNITS)	731016		1000.0000000	1113REG3	JAMES RIVER9
BLRI0052	00080	COLOR (PLATINUM-COBALT UNITS)	731018		1000.0000000	1113REG3	JAMES RIVER9
BLRI0052	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	730523		0.0200000	1113REG3	JAMES RIVER9
BLRI0052	00400	PH (STANDARD UNITS)	730523		0.0080000	1113REG3	JAMES RIVER9
BLRI0052	00400	PH (STANDARD UNITS)	731016		330.0000000	1113REG3	JAMES RIVER9
BLRI0052	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	731016		106.0000000	1113REG3	JAMES RIVER9
BLRI0055	00400	PH (STANDARD UNITS)	790710	1400	0.8800000	21VASWCB	2-JMS282.28
BLRI0055	00505	RESIDUE, TOTAL VOLATILE (MG/L)	780427	1300	10030.0000000	21VASWCB	2-JMS282.28
BLRI0055	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920721	1400	8320.0000000	21VASWCB	2-JMS282.28
BLRI0061	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	921109	1135	1268.0000000	21VASWCB	2-MRY014.78
BLRI0069	00400	PH (STANDARD UNITS)	731016		90.0000000	1113REG3	JAMES RIVER7
BLRI0069	00400	PH (STANDARD UNITS)	731018		120.0000000	1113REG3	JAMES RIVER7
BLRI0080	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	920805	1330	0.0000000	21VASWCB	4ASCB007.10
BLRI0089	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	730522		0.0200000	1113REG3	JAMES RIVER4
BLRI0089	00400	PH (STANDARD UNITS)	730522		0.0070000	1113REG3	JAMES RIVER4
BLRI0089	00400	PH (STANDARD UNITS)	730918		870.0000000	1113REG3	JAMES RIVER4
BLRI0095	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	870420	1025	73.8000000	21VASWCB	4AROA192.55
BLRI0095	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920728	1145	16490.0000000	21VASWCB	4AROA192.55
BLRI0097	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	830808	1140	98.0000000	21VASWCB	4AROA192.94
BLRI0097	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	830808	1145	198.0000000	21VASWCB	4AROA192.94
BLRI0097	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	830808	1140	8.7000000	21VASWCB	4AROA192.94

**Water Quality Observations
Outside STORET Edit Criteria for BLRI**

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition	
BLRI0097	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	830808	1145	6.0000000	21VASWCB	4AROA192.94	
BLRI0097	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	831004	1210	9.2000000	21VASWCB	4AROA192.94	
BLRI0097	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	831004	1220	7.3000000	21VASWCB	4AROA192.94	
BLRI0099	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	830808	1115	7.9000000	21VASWCB	4AROA196.05	
BLRI0099	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	830808	1120	7.1000000	21VASWCB	4AROA196.05	
BLRI0099	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	831004	1145	8.4000000	21VASWCB	4AROA196.05	
BLRI0110	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920929	1045	21310.0000000	21VASWCB	4AGLA000.20	
BLRI0111	00403	PH, LAB, STANDARD UNITS SU	940125	1150	0.0000000	21VASWCB	4ATKR000.69	x
BLRI0111	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920728	1100	19150.0000000	21VASWCB	4ATKR000.69	x
BLRI0112	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920728	1045	19530.0000000	21VASWCB	4AROA202.20	x
BLRI0113	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920929	1035	20800.0000000	21VASWCB	4ALCK000.38	x
BLRI0116	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920827	1020	25830.0000000	21VASWCB	4AORE000.19	x
BLRI0119	00405	CARBON DIOXIDE (MG/L AS CO2)	741010	1125	113.0000000	112WRD	371119080030401	
BLRI0134	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	740404	1015	20.0000000	21NC01WQ	K8500000	x
BLRI0134	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	780621	1050	0.0000000	21NC01WQ	K8500000	x
BLRI0144	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	730717	1025	12000.0000000	21NC01WQ	K0300000	
BLRI0152	00300	OXYGEN, DISSOLVED MG/L	700505	0930	107.0000000	21NC01WQ	L1000000	x
BLRI0152	00300	OXYGEN, DISSOLVED MG/L	700720	1225	80.0000000	21NC01WQ	L1000000	x
BLRI0152	00300	OXYGEN, DISSOLVED MG/L	700917	1030	90.0000000	21NC01WQ	L1000000	x
BLRI0152	00300	OXYGEN, DISSOLVED MG/L	701214	1400	89.0000000	21NC01WQ	L1000000	x
BLRI0152	00300	OXYGEN, DISSOLVED MG/L	710420	1445	97.0000000	21NC01WQ	L1000000	x
BLRI0154	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	860714	1513	0.0000000	131TVAC	370069	x
BLRI0154	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	860714	1514	0.0000000	131TVAC	370069	x
BLRI0154	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	860714	1515	0.0000000	131TVAC	370069	x
BLRI0157	00300	OXYGEN, DISSOLVED MG/L	700505	0815	110.0000000	21NC01WQ	L2000000	x
BLRI0157	00300	OXYGEN, DISSOLVED MG/L	700720	1300	91.0000000	21NC01WQ	L2000000	x
BLRI0157	00300	OXYGEN, DISSOLVED MG/L	700917	1130	97.0000000	21NC01WQ	L2000000	x
BLRI0157	00300	OXYGEN, DISSOLVED MG/L	701214	1430	94.0000000	21NC01WQ	L2000000	x
BLRI0157	00300	OXYGEN, DISSOLVED MG/L	710420	1515	104.0000000	21NC01WQ	L2000000	x
BLRI0225	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	870228	0705	0.0000000	112WRD	03450000	x
BLRI0225	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	870228	1020	0.0000000	112WRD	03450000	x
BLRI0225	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	870228	1200	0.0000000	112WRD	03450000	x
BLRI0225	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	870228	1515	0.0000000	112WRD	03450000	x
BLRI0251	01105	ALUMINUM, TOTAL (UG/L AS AL)	861126	1400	23000.0000000	21NC01WQ	E2730000	
BLRI0256	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	870601	1545	690000.0000000	21NC01WQ	E4290000	
BLRI0256	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	870601	1552	660000.0000000	21NC01WQ	E4290000	
BLRI0256	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	870601	1600	840000.0000000	21NC01WQ	E4290000	
BLRI0256	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	870601	1615	540000.0000000	21NC01WQ	E4290000	
BLRI0256	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	870601	1630	620000.0000000	21NC01WQ	E4290000	
BLRI0266	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	760420	1635	800.0000000	131TVAC	360161	
BLRI0266	00310	BOD, 5 DAY, 20 DEG C MG/L	680820	1600	280.0000000	131TVAC	360161	

**Water Quality Observations
Outside STORET Edit Criteria for BLRI
(Disposition: X = Discarded, Blank = Retained)**

<u>NPS Station ID</u>	<u>Parameter</u>	<u>Date</u>	<u>Time</u>	<u>Parameter Value</u>	<u>Agency</u>	<u>STORET Station ID</u>	<u>Disposition</u>
BLRI0266	00310 BOD, 5 DAY, 20 DEG C MG/L	680826	2030	340.0000000	131TVAC	360161	
BLRI0266	01042 COPPER, TOTAL (UG/L AS CU)	680801	0900	7000.0000000	131TVAC	360161	x
BLRI0295	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	740206	1000	0.5000000	21NC01WQ	E0710000	x
BLRI0311	00400 PH (STANDARD UNITS)	710216	1501	79.0000000	21NC01WQ	E5800000	x
BLRI0335	01049 LEAD, DISSOLVED (UG/L AS PB)	730621	1500	4064.0000000	21NC01WQ	G8500000	
BLRI0335	01049 LEAD, DISSOLVED (UG/L AS PB)	740916	1120	9965.0000000	21NC01WQ	G8500000	
BLRI0335	01049 LEAD, DISSOLVED (UG/L AS PB)	750129	1445	1210.0000000	21NC01WQ	G8500000	
BLRI0335	01067 NICKEL, TOTAL (UG/L AS NI)	700618	1100	2520.0000000	21NC01WQ	G8500000	
BLRI0336	01049 LEAD, DISSOLVED (UG/L AS PB)	730621	1430	4063.0000000	21NC01WQ	G8200000	
BLRI0336	01049 LEAD, DISSOLVED (UG/L AS PB)	740916	1100	9964.0000000	21NC01WQ	G8200000	
BLRI0336	01049 LEAD, DISSOLVED (UG/L AS PB)	750129	1410	1209.0000000	21NC01WQ	G8200000	
BLRI0336	01067 NICKEL, TOTAL (UG/L AS NI)	700618	1040	2130.0000000	21NC01WQ	G8200000	

APPENDICES

Appendix A

Computer Files Transmitted With Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

```
PKUNZIP -E COMPRESS.ZIP FILENAME.EXT
```

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

```
PKUNZIP -V COMPRESS.ZIP |MORE
```

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) BLRITABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

- (a) BLRISITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.
- (b) BLRIAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.
- (c) BLRIAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

- (d) BLRIOV0.DOC - Overview of park and retrieved data.
- (e) BLRIOV1.DOC - Station period of record table.
- (f) BLRIOV2.DOC - Parameter period of record table.
- (g) BLRIOV3.DOC - Station/parameter period of record table.
- (h) BLRIINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.
- (i) BLRISEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.
- (j) BLRIEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.
- (k) BLRIIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.
- (l) BLRIBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document BLRIOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\BLRIOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) BLRIFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station BLRI0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station BLRI0001) is in the subdirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) BLRIPARM.ZIP

This file compresses BLRIPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) BLRISITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

- (a) BLRIWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.
- (b) BLRIIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.
- (c) BLRIDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.
- (d) BLRIGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.
- (e) BLRIDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) BLRIMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

- (a) BLRIEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.
- (b) BLRITOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.
- (c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.
- (d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.
- (e) BLRIREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.
- (f) BLRIWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (BLRIWQA, BLRIWQB, BLRIWQC, etc.) and the index map name will end with an ampersand (&).

- (g) BLRIIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (BLRIIDGA, BLRIIDGB, BLRIIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.
- (h) BLRISEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with BLRIFIGS.ZIP and BLRITABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in BLRIMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) BLRIRF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

- (a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.
- (d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) BLRIWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable “Print Text as Graphics” or “Print True Type Font as Graphics” in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many “bells-and-whistles” as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: BLRIPARM.DBF in BLRIPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: BLRIPARM.DBF in BLRIPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				\$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: BLRIPARM.DBF in BLRIPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				\$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: BLRIWQ.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: BLRIWQ.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: BLRIIFD.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: BLRIIFD.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: BLRIIFD.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: BLRIDRIN.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: BLRIDRIN.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: BLRIDRIN.DBF in BLRISITE.ZIP

Field Name	Start	Stop	Length	Field Description
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: BLRIGAGE.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: BLRIGAGE.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFE	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: BLRIDAMS.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: BLRIDAMS.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: BLRIDAMS.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: BLRIDAMS.DBF in BLRISITE.ZIP				
Field Name	Start	Stop	Length	Field Description
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in BLRIRF3.ZIP				
Field Name	Start	Stop	Length	Field Description
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in BLRIRF3.ZIP				
Field Name	Start	Stop	Length	Field Description
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LLIKEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in BLRIRF3.ZIP

Field Name	Start	Stop	Length	Field Description
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddy)
UPDTC1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in BLRIRF3.ZIP				
Field Name	Start	Stop	Length	Field Description
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddy)
UPDTC2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddy)
UPDTC3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in BLRIRF3.ZIP				
Field Name	Start	Stop	Length	Field Description
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in BLRIRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	Start	Stop	Length	Field Description
PARM	1	5	5	STORET Parameter Code
PARAMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CaCO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CaCO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS Ca)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CaCO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI, PLATE COUNT M-ENTER AGAR, 35C 48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO, BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A, % OF(PHEOPHYTIN A+CHL A), SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY, ACUTE 24HR (STATIC) CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT ERROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLULOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVL P
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary¹

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50 ^l	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50 ^l	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250 ^s			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0 ^u	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0 ^u	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0 [#]	PH	SU	Physical
	00403				≤6.5, ≥9.0 [#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0 [#]	PH, FIELD	SU	Physical

¹Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200 ^m	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE, IN WATER & WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250 ^s			CHLORIDE, TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250 ^s			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250 ^s			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250 ^s			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130 ⁺	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9 ⁺	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9 ⁺	5.0	43		CADMIUM, SUSPENDE	UG/L	Metal
7440439	01027	3.9 ⁺	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDE	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700 ⁺	100	10300 [*]		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18 ⁺	1300 ^a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18 ⁺	1300 ^a	2.9		COPPER, SUSPENDE	UG/L	Metal
7440508	01042	18 ⁺	1300 ^a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82 ⁺	15 ^a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82 ⁺	15 ^a	220		LEAD, SUSPENDE	UG/L	Metal
7439921	01051	82 ⁺	15 ^a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400 [*]	2.0	2130 [*]		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400 [*]	2.0	2130 [*]		THALLIUM, SUSPENDE	UG/L	Metal
7440280	01059	1400 [*]	2.0	2130 [*]		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400 ⁺	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400 ⁺	100	75		NICKEL, SUSPENDE	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400 ⁺	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400 ⁺	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1 ⁺	100 ^s	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1 ⁺	100 ^s	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1 ⁺	100 ^s	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1 ⁺	100 ^s	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018 ⁺	1.3 ^a	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120 ⁺	5000 ^s	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120 ⁺	5000 ^s	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120 ⁺	5000 ^s	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120 ⁺	5000 ^s	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88 ^p	6.0	1500 ^p		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88 ^p	6.0	1500 ^p		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88 ^p	6.0	1500 ^p		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9 ⁺	5.0	43		CADMIUM, TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82 ⁺	15 ^a	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18 ⁺	1300 ^a	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400 [*]	2.0	2130 [*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400 [*]	2.0	2130 [*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88 ^P	6.0	1500 ^P		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120 ⁺	5.0 ^s	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041 ⁺	0.1 ^s	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018 ⁺	1.3 ^a	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13 ⁺	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039 ⁺	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7 ⁺	0.1	10.3 ⁺		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082 ⁺	0.015 ^a	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4 ⁺	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4 ^a	0.002	2.13 ^a		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020 ^e			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1 ^a	100 ^b	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20 ^f			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000 ^f			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000 ^f			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000 ^f			TRITIUM, SUSPENDE	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDE	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0 ^f			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0 ^f			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0 ^f			STRONTIUM 90, SUSPENDE	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT, DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20°			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20°			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20°			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020°			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20°			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200 [^]	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200 [^]	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200 [^]	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200 [^]	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126 [^]	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33 [^]	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900 [*]	100 ^l			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900 [*]	100 ^l			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900 [*]	100 ^l			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900 [*]	100 ^l			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100 ^l			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200 [*]	5.0	50000 [*]		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000 [*]	5.0	113000 [*]		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100 ^l			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100 ^l			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900 [*]	100 ^l			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2 [*]	0.005	50 [*]		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9 [*]	0.1 ^l			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500 [*]	1000	6300 [*]		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDE	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDE	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDE	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDE	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDE	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDE	UG/L	Pesticide
75252	34288		100 ^l			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100 ^l			BROMOFORM, SUSPENDE	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDE	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDE	UG/L	General Organic
124481	34306		100 ⁱ			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100 ⁱ			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100 ⁱ			CHLORODIBROMOMETHANE, SUSPENDE	UG/L	General Organic
67663	34316	28900*	100 ⁱ			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900*	100 ⁱ			CHLOROFORM, SUSPENDE	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDE	MG/L	General Inorganic
75274	34328		100 ⁱ			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100 ⁱ			DICHLOROBROMOMETHANE, SUSPENDE	UG/L	General Organic
122667	34346	270*				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270*				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270*				1,2-DIPHENYLHYDRAZINE, SUSPENDE	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDE	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDE	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDE	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDE	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDE	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDE	UG/L	General Organic
118741	34401	6.0 ^P	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0 ^P	1.0			HEXACHLOROBENZENE, SUSPENDE	UG/L	General Organic
193395	34403		0.40 ^C			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40 ^C			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40 ^C			INDENO (1,2,3-CD) PYRENE, SUSPENDE	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30 ^P		7.7 ^P		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30 ^P		7.7 ^P		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30 ^P		7.7 ^P		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0 ^P	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0 ^P	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90 [*]		32 [*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9 ⁺	5.0	43		CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18 ⁺	1300 ^a	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82 ⁺	15 ^a	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1 ⁺	100 ^s	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120 ⁺	5000 ^s	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3, LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWN AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200 [^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250 ^s			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY, TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9 ⁺	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82 ⁺	15 ^a	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120 ⁺	5000 ^s	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18 ⁺	1300 ^a	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700 [*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100 ^p		240 ^p		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440 [*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250 ^a			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20 ^c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18 ⁺	1300 ^a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400 ⁺	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120 ⁺	5000 ^s	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000 [*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120 ⁺	5000 ^s	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82 ⁺	15 ^a	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9 ⁺	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18 ⁺	1300 ^a	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120 ⁺	5000 ^s	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18 ⁺	1300 ^a	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120 ⁺	5000 ^s	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50 ^l	TURBIDITY, FIELD	NTU	Physical
	82079				50 ^l	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000 ^s			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L CaCO₃ Used).

***pH Dependent Criteria (7.8 pH Used).

¯Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

^aEPA action level, 40 CFR 141.80.

^bCalifornia and Florida state bathing water standards.

^cA Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

^mTotal coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

^pProposed Criterion.

^rAverage annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

^sEPA National Secondary Drinking Water Regulation, 40 CFR 143.

^tThe maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

^uColdwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	Flow Parameter Group ¹	C.A.S. Number
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

¹Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μ EQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CaCO ₃)	471341
00435	ACIDITY, TOTAL (MG/L AS CaCO ₃)	471341
00440	BICARBONATE ION (MG/L AS HCO ₃)	71523
00445	CARBONATE ION (MG/L AS CO ₃)	3812326
STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONIZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH ₄)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH ₄)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO ₃)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO ₃)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO ₂)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO ₂)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140
STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-
STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-
STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYBOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYBOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDE (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDE (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDE (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDE (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDE (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM, TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYL VINYL ETHER, WATER, WHL, RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXA VALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

Literature Cited

- Code of Federal Regulations. 1994. Protection of Environment. 40 CFR Parts 100 to 149. Revised as of July 1, 1994. Published by the Office of the Federal Register, National Archives and Records Administration. U.S. Government Printing Office, Washington, D.C. 20402.
- Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.
- GKY and Associates. 1990. Dam Inventory Database and Retrieval Software: Final Report. U.S. Environmental Protection Agency, Water Quality Analysis Branch. Under Contract #68-03-3339.
- Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.
- National Park Service. 1993. Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service. National Park Service, Washington Office, Servicewide Inventory and Monitoring Program, Washington, D.C. Unpublished. 17p.
- U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.
- U.S. Environmental Protection Agency. 1989. STORET User Handbook. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460.
- U.S. Environmental Protection Agency. 1992. Office of Water Environmental and Program Information Systems Compendium. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 152p.
- U.S. Environmental Protection Agency. 1993. Technical Description of the Reach File. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 23p.
- U.S. Geological Survey. 1982. A U.S. Geological Survey Data Standard: Codes for the Identification of Hydrologic Units in the United States and Caribbean Outlying Areas. Geological Survey Circular 878-A. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 115p.
- U.S. Geological Survey 1992. Hydro-Climatic Data Network: A U.S. Geological Survey Streamflow Data Set for the United States for the Study of Climate Variations 1874-1988. Open File Report 92-129/USGS Water Supply Paper No. 2406. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 193p.
- Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Appendix I

Selected General Water Quality References

- American Public Health Association. 1989. Standard Methods for the Examination of Water and Wastewater (17th ed.). Washington, D.C. 1476p.
- Drever, J. I. 1982. The Geochemistry of Natural Waters. Prentice-Hall, Inc., Englewood Cliffs, NJ. 388p.
- Dunne, T. and L. B. Leopold. 1978. Water in Environmental Planning. W.H. Freeman and Company, San Francisco, CA. 818p.
- Everett, L. G. 1980. Groundwater Monitoring. General Electric Co., Schenectady, NY. 440p.
- Fetter, C. W. 1988. Applied Hydrogeology (2nd ed.). MacMillan Publishing Co., New York, NY. 592p.
- Flora, M. D., T. E. Ricketts, J. Wilson, and S. Kunkle. 1984. Water Quality Criteria: An Overview for Park Natural Resource Specialists. WRFSL Report No. 84-4. National Park Service, Water Resources Field Support Laboratory, Fort Collins, CO. 46p.
- Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.
- Hem, J. D. 1985. Study and Interpretation of the Chemical Characteristics of Natural Water (3rd ed.). U.S. Geological Survey Water-Supply Paper 2254. U.S. Government Printing Office, Washington, D.C. 263p.
- Kunkle, S., W. S. Johnson, and M. Flora. 1987. Monitoring Stream Water Quality for Land-Use Impacts: A Training Manual for Natural Resource Management Specialists. Water Resources Division, National Park Service, Fort Collins, CO. 102p.
- Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.
- Merritt, R. W., and K. W. Cummins (eds.). 1984. An Introduction to the Aquatic Insects of North America (2nd ed.). Kendall/Hunt Publishing Co., Dubuque, IA. 44p.
- Morel, F. M. 1983. Principles of Aquatic Chemistry. John Wiley & Sons, Inc., New York, NY. 446p.
- Nielsen, D. M. (ed.). 1991. Practical Handbook of Ground-Water Monitoring. Lewis Publishers, Inc. Chelsea, MI. 717p.
- Ponce, S. L. 1980a. Statistical Methods Commonly Used in Water Quality Data Analysis. WSDG Technical Paper WSDG-TP-00001. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 136p.
- Ponce, S. L. 1980b. Water Quality Monitoring Programs. WSDG Technical Paper WSDG-TP-00002. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 68p.
- Rand, G. M. and S. R. Petrocelli (eds.). 1985. Fundamentals of Aquatic Toxicology. Hemisphere Publishing Co., New York, NY. 666p.

- Rantz, S. E. and others. 1982. Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge. Volume 2. Computation of Discharge. U.S. Department of the Interior, Geological Survey Water Supply Paper 2175. 631p.
- Stednick, J.D. and D. M. Gilbert. 1998. Water Quality Inventory Protocol: Riverine Environments. National Park Service, Water Resources Division Technical Report NPS/NRWRD/NRTR-98/177. Fort Collins, CO. 103p.
- Stednick, J. D. 1991. Wildland Water Quality Sampling and Analysis. Academic Press, Inc., San Diego, CA. 217p.
- United Nations Educational, Scientific and Cultural Organization (UNESCO). 1978. Water Quality Surveys: A Guide for the Collection and Interpretation of Water Quality Data. IHD-WHO Working Group on the Quality of Water, Paris, France. 350p.
- U.S. Department of the Interior. 1977. National Handbook of Recommended Methods for Water-Data Acquisition. U.S. Geological Survey, Office of Water-Data Coordination, Reston, VA. 990p.
- U.S. Environmental Protection Agency. 1978. Microbiological Methods for Monitoring the Environment: Water and Wastes. R. H. Border, J. A. Winter, and P. W. Scarpino. EPA-600/8-78-017. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 338p.
- U.S. Environmental Protection Agency. 1979b. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020. (Revised March 1983). Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 460p.
- U.S. Environmental Protection Agency. 1983. Water Quality Standards Handbook. Office of Water Regulations and Standards, Washington, D.C. 218p.
- U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.
- U.S. Environmental Protection Agency. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. J. L. Plafkin, M. T. Barbour, K. D. Porter, S. K. Gross, and R. M. Hughes. EPA-444/4-89-001. Office of Water Regulations and Standards, Assessment and Watershed Protection Division, Washington, D.C. 162p.
- U.S. Environmental Protection Agency. 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. D. J. Klemm, P. A. Lewis, F. Fulk, and J. M. Lazorchak. EPA-600/4-90-030. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 256p.
- U.S. Environmental Protection Agency. 1991a. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (4th ed.). C. I. Weber, ed. EPA-600/4-90-027. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 293p.

U.S. Environmental Protection Agency. 1991b. Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska. L. H. MacDonald, A. W. Smart, and R. C. Wissmar. EPA-910/9-91-001. Region 10, Seattle, WA. 162p.

U.S. Environmental Protection Agency. 1993. Guide to Federal Water Quality Programs and Information. T. Stuart and N. P. Ross. EPA-230-B-93-001. Office of Strategic Planning and Environmental Data, Environmental Statistics and Information Division. Washington, D.C. 194p.

Verschuere, K. 1983. Handbook of Environmental Data on Organic Chemicals (2nd ed.). Van Nostrand Reinhold Co., New York, NY. 1310p.

Viessman W. and M. J. Hammer. 1985. Water Supply and Pollution Control (4th ed.). Harper and Row, Publishers, Inc. New York, NY. 797p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Wetzel, R. G. 1983. Limnology (2nd ed.). Sanders College Publishing, Philadelphia, PA. 767p.



As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.