



Pecos National Historical Park

Geologic Resources Inventory

GIS Data Explanation, February 18, 2015 (corrections to data)

Geologic-Geographic Information Systems (GIS) data related to Pecos National Historical Park is delivered in WinZip (zip) archive files. These data are a product of the NPS Geologic Resources Inventory (GRI) program which is funded by the Inventory and Monitoring (I&M) Division, and administered by the NPS Geologic Resources Division (GRD).

Geologic-GIS data for Pecos National Historical Park consist of a dedicated park map providing complete coverage of the park and surrounding area. Data files for the dedicated park map are named using the park four letter code (PECO) as a prefix.

Geologic-GIS data are provided in ESRI 9.3 file geodatabase and ESRI 9.3 shapefile formats. WinZip (map download) files containing geodatabase GIS data are identified with a "gdb.zip" suffix, whereas those containing shapefile data have a "shp.zip" suffix. The geodatabase WinZip (map download) file has a 9.3 file geodatabase, and a 9.3 map document (.mxd) file, as well as individual data layer 9.3 layer (.lyr) files. The map document presents all GRI map components, data layers and GIS tables, in a user-friendly format complete with data layer naming, symbology and labeling for viewing and data analysis. The layer (.lyr) files are provided so data layers can be added to new or existing map document files with their associated layer naming, symbology and labeling. Each WinZip (map download) file also contains FGDC-compliant metadata files (in .txt and FAQ .html formats), this file (peco_gis_readme.pdf), and a GRI ancillary map information document (.pdf) file (peco_geology.pdf) that contains geologic unit descriptions, as well as other ancillary map information and graphics from the source maps used by the GRI in the production of this park's GRI digital geologic-GIS data. For each GIS dataset the GRI recommends extracting all map files for a particular map to a single folder.

Detailed information concerning the source data used by the GRI is listed in the Source Citation sections(s) of the included map metadata record (e.g., peco_metadata.txt). Information concerning source data is also in the Source Map Information GIS table (pecomap), and repeated in the GRI ancillary map information document (.pdf) file.

Users of this data are cautioned about the locational accuracy of features and should not assume that features are exactly where they portrayed in ArcGIS or other software used to display the data. Refer to the positional accuracy report and use constraints within a map metadata record for additional information concerning the positional accuracy of features in a GRI dataset.

For detailed information regarding GIS parameters such as data attribute field definitions, attribute field codes, value definitions, and rules that govern relationships found in the data, refer to the NPS Geology-GIS Data Model document, gri_gdb_ggdm_v2dot1.pdf (available at: <http://science.nature.nps.gov/im/inventory/geology/GeologyGISDataModel.cfm>).

Digital geologic-GIS data in these WinZip files, as well as other GRI digital geologic-GIS datasets prepared as products of the GRI program are available to download from the NPS Data Store Search Application: <http://irma.nps.gov/App/Reference/Search>. To find GRI data for a specific park or parks select the appropriate park(s), enter "GRI" as a Search Text term, and then select the Search Button.

For a complete listing of Geologic Resources Inventory products and direct links to the download site, visit the GRI publications webpage: http://go.nps.gov/gri_products.

For more information about the Geologic Resources Inventory Program, visit the GRI webpage: <http://www.nature.nps.gov/geology/inventory>, or contact:

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To provide feedback or to inquire about the use of GRI products, contact Bruce Heise (contact information listed above). For information about the status of GRI digital geologic-GIS data for a park, contact:

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For information about using and/or obtaining GRI digital geologic-GIS data, contact:

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