Scenic_Rivers

Shapefile

Thumbnail Not Available

Tags

There are no tags for this item.

Summary

This data includes river segments that have been designated as scenic rivers, ones that have been studied and qualify for potential designation and ones that have been recommended for further study. SEE STATUS FIELD.

Description

There are more than 49,000 river miles in Virginia spanning Virginia's coastal, piedmont and mountain regions. Scenic rivers are typically rich in history, natural resources and recreational opportunities often flowing through rural, agricultural and urban landscapes. Each corridor is unique, but all meet the 13 criteria established by the Scenic River Program. Since the designation of the first scenic river in 1975, the General Assembly continues to make scenic river designations. In 2013, three rivers were added to the program bringing the total number of designated river segments to 32 with more than 700 river miles.

Credits

Layer was created using the following sources:
National Hydrography Dataset. 2014-04-04. U.S. Geological Survey. - For all river and creek centerlines
U.S. Geological Survey, 19810501, U.S. Geographic Names Information System (GNIS): U.S. Geological Survey, Reston, VA. - For all place name designations of reach length
VBMP_RCL_SHP VGIN - 2014-03-06 - For all state routes designating reach length

Updated by Noah Vaughn - Dept. of Conservation and Recreation Natural Heritage 2014-05-21

Use limitations

There are no access and use limitations for this item.

Extent

West	-83.449645	**East**	-75.483192
North	39.293237	**South**	36.475580

Scale Range

Maximum (zoomed in)	1:5,000
Minimum (zoomed out)	1:625,000

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

* TITLE Scenic_Rivers

PRESENTATION FORMATS * digital map

Hide Citation ▲

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.1.3497

CREDITS

Layer was created using the following sources:
National Hydrography Dataset. 2014-04-04. U.S. Geological Survey. - For all river and creek centerlines
U.S. Geological Survey, 19810501, U.S. Geographic Names Information System (GNIS): U.S. Geological Survey, Reston, VA. - For all place name designations of reach length
VBMP_RCL_SHP VGIN - 2014-03-06 - For all state routes designating reach length

Updated by Noah Vaughn - Dept. of Conservation and Recreation Natural Heritage 2014-05-21

ARCGIS ITEM PROPERTIES
* NAME Scenic_Rivers
* SIZE 5.153
* LOCATION file://\\coveneg20-nas01\shared\DIVWRK\DNH\DNHGIS\Public_Lands\weblands\OTHER\scenic rivers\Noah_corrected\Scenic_Rivers.shp
* ACCESS PROTOCOL Local Area Network

Hide Resource Details ▲

Extents ►

EXTENT
VERTICAL EXTENT
* MINIMUM VALUE 0.000000
* MAXIMUM VALUE 0.000000

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -83.449645
* EAST LONGITUDE -75.483192
* NORTH LATITUDE 39.293237
* SOUTH LATITUDE 36.475580
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -340909.208974
* EAST LONGITUDE 346713.495202

* SOUTH LATITUDE 60040.594932
* NORTH LATITUDE 365499.363487
* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
* PROJECTION NAD_1983_Virginia_Lambert
* COORDINATE REFERENCE DETAILS
  PROJECTED COORDINATE SYSTEM
  WELL-KNOWN IDENTIFIER 3968
  X ORIGIN -37232800
  Y ORIGIN -28884600
  XY SCALE 120957855.10008635
  Z ORIGIN -100000
  Z SCALE 10000
  M ORIGIN -1023.7418235
  M SCALE 4194304001953.124
  XY TOLERANCE 0.001
  Z TOLERANCE 0.001
  M TOLERANCE 0.001
  HIGH PRECISION true
  LATEST WELL-KNOWN IDENTIFIER 3968
  WELL-KNOWN TEXT
  PROJCS["NAD_1983_Virginia_Lambert",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.5],PARAMETER["Standard_Parallel_1",37.0],PARAMETER["Standard_Parallel_2",39.5],PARAMETER["Latitude_Of_Origin",36.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3968]]

REFERENCE SYSTEM IDENTIFIER
* VALUE 3968
* CODESPACE EPSG
* VERSION 8.2.6

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME Scenic_Rivers
* OBJECT TYPE composite
* OBJECT COUNT 141

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME Scenic_Rivers
* FEATURE TYPE Simple
* GEOMETRY TYPE Polyline
* HAS TOPOLOGY FALSE
* FEATURE COUNT 141
* SPATIAL INDEX TRUE
* LINEAR REFERENCING TRUE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Geoprocessing history ►

PROCESS
PROCESS NAME
DATE 2014-04-11 11:14:25
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Name ""Altion's Creek"" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-04-11 11:14:36
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Status "Qualifier" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-04-11 11:21:52
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Name "Appomattox River" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-04-22 10:36:39
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Name "Dan River" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME

DATE 2014-04-22 10:36:55
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Status "Worthy" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-04-22 10:39:50
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Status "Worthy" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-04-22 10:40:00
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Name "Dan River" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-05-21 08:17:45
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Status Potential VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2014-05-21 08:19:53
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField scenic_rivers_NHD Status Replace([Status], "Worthy",
"Potential") VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTOR ►
AVAILABLE FORMAT
* NAME Personal GeoDatabase Feature Class

TRANSFER OPTIONS
ONLINE SOURCE

* LOCATION
file://\\igskbthisusy01\nhdgeo\oracle_export\GDBExtractServer\Template\NHD_File_Template_High_92v210.gdb
* ACCESS PROTOCOL Local Area Network
* DESCRIPTION Downloadable Data

Hide Distributor ▲

DISTRIBUTION FORMAT
* NAME Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE 5.153

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT Scenic_Rivers ►
* TYPE Feature Class
* ROW COUNT 141

FIELD OBJECTID ►
* ALIAS OBJECTID
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD Shape ►
* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
  ESRI

* DESCRIPTION OF VALUES
  Coordinates defining the features.

Hide Field Shape ▲

FIELD FID ►
* ALIAS FID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
  Internal feature number.

* DESCRIPTION SOURCE
  Esri

* DESCRIPTION OF VALUES
  Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

FIELD Name ►
* ALIAS Name
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
  Name of the river stretch

DESCRIPTION SOURCE
  VA-DCR

Hide Field Name ▲

FIELD Status ►
* ALIAS Status
* DATA TYPE String
* WIDTH 35
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION

Status of the river stretch

DESCRIPTION SOURCE
VA-DCR

LIST OF VALUES
VALUE Potential
DESCRIPTION River stretch has potential but needs further study before designation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR

VALUE Qualified
DESCRIPTION River stretch has been studied and is recommended for official designation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR

VALUE Designated
DESCRIPTION River stretch has been officially designated as a scenic river
ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR

Hide Field Status ▲

FIELD Reach ►
* ALIAS Reach
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Text description of reach beginning and end points.

DESCRIPTION SOURCE
VA-DCR

Hide Field Reach ▲

FIELD Length ►
* ALIAS Length
* DATA TYPE Double
* WIDTH 18
* PRECISION 17
* SCALE 5
FIELD DESCRIPTION
Length in miles calculated in GIS.

DESCRIPTION SOURCE
VA-DCR

Hide Field Length ▲

Hide Details for object Scenic_Rivers ▲

DETAILS FOR OBJECT NHDFlowlineToMeta
* TYPE Relationship

OVERVIEW DESCRIPTION ►
ENTITY AND ATTRIBUTE OVERVIEW
The National Hydrography Dataset is a comprehensive set of digital spatial data that encodes information about naturally occurring and constructed bodies of water, paths through which water flows, and related entities. The information encoded about features includes a feature date, classification by type, other characteristics, a unique common identifier, the feature length or area, and (rarely) elevation of the surface of water pools and a description of the stage of the elevation. For reaches, encoded information includes a reach code. Names and their identifiers in the Geographic Names Information System, are assigned to most feature types. The direction of flow is encoded for networked features. The data also contains relations that encode metadata, and information that supports the exchange of future updates and improvements to the data. The names and definitions of all feature types, characteristics, and values are in the Standards for National Hydrography Dataset: Reston, Virginia, U.S. Geological Survey, 1999. The document is available online through http://mapping.usgs.gov/standards/.

ENTITY AND ATTRIBUTE DETAIL CITATION
The names and definitions of all feature types, characteristics, and values are in U.S. Geological Survey, 1999, Standards for National Hydrography Dataset High Resolution: Reston, Virginia, U.S. Geological Survey. The document is available online through http://mapping.usgs.gov/standards/. Information about tables and fields in the data are available from the user documentation for the National Hydrography Dataset at http://nhd.usgs.gov. The National Map - Hydrography Fact Sheet is also available at: http://erg.usgs.gov/isb/pubs/factsheets/fs06002.html.

Hide Overview Description ▲

Hide Fields ▲

Metadata Details ►

* METADATA LANGUAGE English (UNITED STATES)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2014-07-15

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2014-07-15 17:23:28
LAST MODIFIED IN ARCGIS FOR THE ITEM 2014-07-15 17:41:36

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2014-07-15 17:25:13

Hide Metadata Details ▲

FGDC Metadata (read-only) ▼

CITATION
CITATION INFORMATION
ORIGINATOR U.S. Geological Survey in cooperation with U.S. Environmental Protection Agency, USDA Forest Service, and other Federal, State and local partners (see dataset specific metadata under Data_Set_Credit for details).
PUBLICATION DATE See dataset specific metadata.
PUBLICATION TIME Unknown
TITLE
scenic_rivers_NHD
GEOSPATIAL DATA PRESENTATION FORM vector digital data
PUBLICATION INFORMATION
PUBLICATION PLACE Reston, Virginia
PUBLISHER U.S. Geological Survey
ONLINE LINKAGE
\\igskbthisusy01\nhdgeo\oracle_export\GDBExtractServer\Template\NHD_File_Template_High_92v210.gdb

DESCRIPTION
ABSTRACT
This shapefile is rivers that have been recommended for study for scenic river designation : Potential. Been studies and found to Qualify for scenic designation: Qualified. Been designated as Scenic by the General Assambly: Designated Scenic.
PURPOSE
This shapefile documents rivers in Virginia that may or have been designated as scenic rivers.
TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
SINGLE DATE/TIME
CALENDAR DATE REQUIRED: he year (and optionally month, or month and day) for which the data set corresponds to the ground.
CURRENTNESS REFERENCE
See dataset specific metadata.
STATUS
PROGRESS In work
MAINTENANCE AND UPDATE FREQUENCY Irregular

SPATIAL DOMAIN
BOUNDING COORDINATES
WEST BOUNDING COORDINATE -200
EAST BOUNDING COORDINATE -56.8344239
NORTH BOUNDING COORDINATE 143.165576
SOUTH BOUNDING COORDINATE 0

KEYWORDS
THEME

Theme Keyword Thesaurus U.S. Department of the Interior, U.S. Geological Survey, 1999, Standards for National Hydrography Dataset (http://mapping.usgs.gov/standards/)
Theme Keyword FWHydrography
Theme Keyword Hydrography
Theme Keyword Stream / River
Theme Keyword Lake / Pond
Theme Keyword Canal / Ditch
Theme Keyword Reservoir
Theme Keyword Spring / Seep
Theme Keyword Swamp / Marsh
Theme Keyword Artificial Path
Theme Keyword Reach Code

Place
Place Keyword Thesaurus U.S. Department of Commerce, 1977, Countries, dependencies, areas of special sovereignty, and their principal administrative divisions (Federal Information Processing Standards 10-3): Washington, D.C., National Institute of Standards and Technology.
Place Keyword US

Access Constraints
None.

Use Constraints
None. Acknowledgment of the originating agencies would be appreciated in products derived from these data.

Point of Contact
Contact Information
Contact Organization Primary
Contact Organization Earth Science Information Center, U.S. Geological Survey
Contact Voice Telephone 1 888 ASK USGS
Contact Electronic Mail Address ask@usgs.gov
Hours of Service 0800-1600 Eastern Time
Contact Instructions
In addition to the address above there are other ESIC offices throughout the country. A full list of these offices is at URL: http://mapping.usgs.gov/esic/esic_index.html

Data Set Credit
Layer was created using the following sources:
National Hydrography Dataset. 2014-04-04. U.S. Geological Survey. - For all river and creek centerlines
U.S. Geological Survey, 19810501, U.S. Geographic Names Information System (GNIS): U.S. Geological Survey, Reston, VA. - For all place name designations of reach length
VBMP_RCL_SHP VGIN - 2014-03-06 - For all state routes designating reach length

Updated by Noah Vaughn - Dept. of Conservation and Recreation Natural Heritage 2014-05-21

Native Data Set Environment
Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.3.1.1850

Hide Identification ▲

Attribute Accuracy
Attribute Accuracy Report
Statements of attribute accuracy are based on accuracy statements made for U.S. Geological Survey Digital Line Graph (DLG) data, which is estimated to be 98.5

percent. One or more of the following methods were used to test attribute accuracy: manual comparison of the source with hardcopy plots; symbolized display of the DLG on an interactive computer graphic system; selected attributes that could not be visually verified on plots or on screen were interactively queried and verified on screen. In addition, software validated feature types and characteristics against a master set of types and characteristics, checked that combinations of types and characteristics were valid, and that types and characteristics were valid for the delineation of the feature. Feature types, characteristics, and other attributes conform to the Standards for National Hydrography Dataset (USGS, 1999) as of the date they were loaded into the database. All names were validated against a current extract from the Geographic Names Information System (GNIS). The entry and identifier for the names match those in the GNIS. The association of each name to reaches has been interactively checked, however, operator error could in some cases apply a name to a wrong reach. This statement is generally true for the most common sources of NHD data. Other sources and methods may have been used to create or update NHD data. In some cases, additional information may be found in the NHDMetadata table.

LOGICAL CONSISTENCY REPORT

Points, nodes, lines, and areas conform to topological rules. Lines intersect only at nodes, and all nodes anchor the ends of lines. Lines do not overshoot or undershoot other lines where they are supposed to meet. There are no duplicate lines. Lines bound areas and lines identify the areas to the left and right of the lines. Gaps and overlaps among areas do not exist. All areas close.

COMPLETENESS REPORT

The completeness of the data reflects the content of the sources, which most often are the published USGS topographic quadrangle and/or the USDA Forest Service Primary Base Series (PBS) map. The USGS topographic quadrangle is usually supplemented by Digital Orthophoto Quadrangles (DOQs). Features found on the ground may have been eliminated or generalized on the source map because of scale and legibility constraints. In general, streams longer than one mile (approximately 1.6 kilometers) were collected. Most streams that flow from a lake were collected regardless of their length. Only definite channels were collected so not all swamp/marsh features have stream/rivers delineated through them. Lake/ponds having an area greater than 6 acres were collected. Note, however, that these general rules were applied unevenly among maps during compilation. Reaches codes are defined on all features of type stream/river, canal/ditch, artificial path, coastline, and connector. Waterbody reach codes are defined on all lake/pond and most reservoir features. Names were applied from the GNIS database. Detailed capture conditions are provided for every feature type in the Standards for National Hydrography Dataset available online through http://mapping.usgs.gov/standards/.
This statement is generally true for the most common sources of NHD data. Other sources and methods may have been used to create or update NHD data. In some cases, additional information may be found in the NHDMetadata table.

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY REPORT

Statements of horizontal positional accuracy are based on accuracy statements made for U.S. Geological Survey topographic quadrangle maps. These maps were compiled to meet National Map Accuracy Standards. For horizontal accuracy, this standard is met if at least 90 percent of points tested are within 0.02 inch (at map scale) of the true position. Additional offsets to positions may have been introduced where feature density is high to improve the legibility of map symbols. In addition, the digitizing of maps is estimated to contain a horizontal positional error of less than or equal to 0.003 inch standard error (at map scale) in the two component directions relative to the source maps. Visual comparison between the map graphic (including digital scans of the graphic) and plots or digital displays of points, lines, and areas, is used as control to assess the positional accuracy of digital data. Digital map elements along the

adjoining edges of data sets are aligned if they are within a 0.02 inch tolerance (at map scale). Features with like dimensionality (for example, features that all are delineated with lines), with or without like characteristics, that are within the tolerance are aligned by moving the features equally to a common point. Features outside the tolerance are not moved; instead, a feature of type connector is added to join the features.
This statement is generally true for the most common sources of NHD data. Other sources and methods may have been used to create or update NHD data. In some cases, additional information may be found in the NHDMetadata table.

VERTICAL POSITIONAL ACCURACY

VERTICAL POSITIONAL ACCURACY REPORT

Statements of vertical positional accuracy for elevation of water surfaces are based on accuracy statements made for U.S. Geological Survey topographic quadrangle maps. These maps were compiled to meet National Map Accuracy Standards. For vertical accuracy, this standard is met if at least 90 percent of well-defined points tested are within one-half contour interval of the correct value. Elevations of water surface printed on the published map meet this standard; the contour intervals of the maps vary. These elevations were transcribed into the digital data; the accuracy of this transcription was checked by visual comparison between the data and the map.
This statement is generally true for the most common sources of NHD data. Other sources and methods may have been used to create or update NHD data. In some cases, additional information may be found in the NHDMetadata table.

LINEAGE

PROCESS STEP

PROCESS DESCRIPTION

The processes used to create and maintain high-resolution NHD data can be found in the table called "NHDMetadata". Because NHD data can be downloaded using several user-defined areas, the process descriptions can vary for each download. The NHDMetadata table contains a list of all the process descriptions that apply to a particular download. These process descriptions are linked using the DuuID to the NHDFeatureToMetadata table which contains the com_ids of all the features within the download. In addition, another table, the NHDSourceCitation, can also be linked through the DuuID to determine the sources used to create or update NHD data.

PROCESS DATE Unknown

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

SOURCE USED CITATION ABBREVIATION

\\F880\oracle_export\GDBExtractServer\Template\NHD_Template_High.mdb

PROCESS STEP

PROCESS DESCRIPTION

Metadata imported.

SOURCE USED CITATION ABBREVIATION

D:\Workspace\v107\Metadata\nhdflowline.xml

PROCESS DATE 2010-04-21

PROCESS TIME 16:52:09

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

SOURCE USED CITATION ABBREVIATION

\\IGSKBTHIWS531\D\ExtractTest\oracle_export\GDBExtractServer\Template\NHD_File_Template_High_92v200.gdb

PROCESS DATE 2010-05-20

PROCESS TIME 16:12:19

PROCESS STEP
PROCESS DESCRIPTION
Dataset copied.
SOURCE USED CITATION ABBREVIATION
\\igskbthisusy01\nhdgeo\oracle_export\GDBExtractServer\Template\NHD_Template_High_92v210.mdb
PROCESS DATE 2012-02-21
PROCESS TIME 13:58:25

Hide Data Quality ▲

HORIZONTAL COORDINATE SYSTEM DEFINITION
GEODETIC MODEL
HORIZONTAL DATUM NAME North American Datum of 1983
ELLIPSOID NAME Geodetic Reference System 80
SEMI-MAJOR AXIS 6378137.000000
DENOMINATOR OF FLATTENING RATIO 298.257222

VERTICAL COORDINATE SYSTEM DEFINITION
ALTITUDE SYSTEM DEFINITION
ALTITUDE DATUM NAME National Geodetic Vertical Datum of 1929
ALTITUDE RESOLUTION 0.000025
ALTITUDE DISTANCE UNITS meters
ALTITUDE ENCODING METHOD Explicit elevation coordinate included with horizontal coordinates

Hide Spatial Reference ▲

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Scenic_Rivers

ATTRIBUTE
ATTRIBUTE LABEL OBJECTID
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL FID
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

Attribute Label Name
Attribute Definition
Name of the river stretch
Attribute Definition Source VA-DCR

Attribute
Attribute Label Status
Attribute Definition
Status of the river stretch
Attribute Definition Source VA-DCR
Attribute Domain Values
Enumerated Domain
Enumerated Domain Value Potential
Enumerated Domain Value Definition
River stretch has potential but needs further study before designation
Enumerated Domain Value Definition Source
VA-DCR
Enumerated Domain
Enumerated Domain Value Qualified
Enumerated Domain Value Definition
River stretch has been studied and is recommended for official designation
Enumerated Domain Value Definition Source
VA-DCR
Enumerated Domain
Enumerated Domain Value Designated
Enumerated Domain Value Definition
River stretch has been officially designated as a scenic river
Enumerated Domain Value Definition Source
VA-DCR

Attribute
Attribute Label Reach
Attribute Definition
Text description of reach beginning and end points.
Attribute Definition Source VA-DCR

Attribute
Attribute Label Length
Attribute Definition
Length in miles calculated in GIS.
Attribute Definition Source VA-DCR

Detailed Description
Entity Type
Entity Type Label NHDFlowlineToMeta

Overview Description
Entity and Attribute Overview
The National Hydrography Dataset is a comprehensive set of digital spatial data that encodes information about naturally occurring and constructed bodies of water, paths through which water flows, and related entities. The information encoded about features includes a feature date, classification by type, other characteristics, a unique common identifier, the feature length or area, and (rarely) elevation of the surface of water pools and a description of the stage of the elevation. For reaches, encoded information includes a reach code. Names and their identifiers in the Geographic Names Information System, are assigned to most feature types. The direction of flow is encoded for networked features. The data also contains relations that encode metadata, and information that supports the exchange of future updates and

improvements to the data. The names and definitions of all feature types, characteristics, and values are in the Standards for National Hydrography Dataset: Reston, Virginia, U.S. Geological Survey, 1999. The document is available online through http://mapping.usgs.gov/standards/.

ENTITY AND ATTRIBUTE DETAIL CITATION

The names and definitions of all feature types, characteristics, and values are in U.S. Geological Survey, 1999, Standards for National Hydrography Dataset High Resolution: Reston, Virginia, U.S. Geological Survey. The document is available online through http://mapping.usgs.gov/standards/. Information about tables and fields in the data are available from the user documentation for the National Hydrography Dataset at http://nhd.usgs.gov. The National Map - Hydrography Fact Sheet is also available at: http://erg.usgs.gov/isb/pubs/factsheets/fs06002.html.

Hide Entities and Attributes ▲

RESOURCE DESCRIPTION Downloadable Data
STANDARD ORDER PROCESS
DIGITAL FORM
DIGITAL TRANSFER INFORMATION
FORMAT NAME ArcGIS Geodatabase
FORMAT VERSION NUMBER 8.3
FILE DECOMPRESSION TECHNIQUE tar and uncompress

Hide Distribution Information ▲

METADATA DATE 2010-05-20
METADATA CONTACT
CONTACT INFORMATION
CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION Earth Science Information Center, U.S. Geological Survey
CONTACT PERSON REQUIRED: The person responsible for the metadata information.
CONTACT ADDRESS
ADDRESS TYPE mailing address
ADDRESS 507 National Center
CITY Reston
STATE OR PROVINCE VA
POSTAL CODE 20192
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 1 888 ASK USGS.
CONTACT ELECTRONIC MAIL ADDRESS nhd@usgs.gov
CONTACT INSTRUCTIONS

In addition to the address above there are other ESIC offices throughout the country. A full list of these offices is at URL: http://mapping.usgs.gov/esic/esic_index.html

METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata
METADATA STANDARD VERSION FGDC-STD-001-1998
METADATA TIME CONVENTION local time

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