Florida National Hydrography Dataset (NHD) - Waterbodies (100k)

Identification Information:

Citation:

Citation Information:

Publication Date: 20051121
Title: Florida National Hydrography Dataset (NHD) - Waterbodies (100k)
Geospatial Data Presentation Form: vector digital data
Publication Information:

Publisher: U.S. Geological Survey

Online Linkage: http://publicfiles.dep.state.fl.us/otis/gis/data/FLORIDA_NHD.zip

Description:

Abstract: The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD data was originally developed at 1:100,000-scale and exists at that scale for the whole country. This high-resolution NHD, generally developed at 1:24,000/1:12,000 scale, adds detail to the original 1:100,000-scale NHD. (Data for Alaska, Puerto Rico and the Virgin Islands was developed at high-resolution, not 1:100,000 scale.) Local resolution NHD is being developed where partners and data exist. The NHD contains reach codes for networked features, flow direction, names, and centerline representations for areal water bodies. Reaches are also defined on waterbodies and the approximate shorelines of the Great Lakes, the Atlantic and Pacific Oceans and the Gulf of Mexico. The NHD also incorporates the National Spatial Data Infrastructure framework criteria established by the Federal Geographic Data Committee.
Purpose: The NHD is a national framework for assigning reach addresses to water-related entities, such as industrial discharges, drinking water supplies, fish habitat areas, wild and scenic rivers. Reach addresses establish the locations of these entities relative to one another within the NHD surface water drainage network, much like addresses on streets. Once linked to the NHD by their reach addresses, the upstream/downstream relationships of these water-related entities--and any associated information about them--can be analyzed using software tools ranging from spreadsheets to geographic information systems (GIS). GIS can also be used to combine NHD-based network analysis with other data layers, such as soils, land use and population, to help understand and display their respective effects upon one another. Furthermore, because the NHD provides a nationally consistent framework for addressing and analysis, water-related information linked to reach addresses by one organization (national, state, local) can be shared with other organizations and easily integrated into many different types of applications to the benefit of all.

Time Period of Content:

Time Period Information:

Range of Dates/Times:

Beginning Date: 19990623
Ending Date: 20201112

Currentness Reference: Ending Date refers to last known date features were updated in the NHD database. See dataset specific metadata.

Status:

Progress: In work
Maintenance and Update Frequency: Biannually

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -87.630408
East Bounding Coordinate: -79.872612
North Bounding Coordinate: 31.041203
South Bounding Coordinate: 24.501839

Keywords:

Theme:

Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: environment
Theme Keyword: boundaries
Theme Keyword: oceans
Theme Keyword: Reservoir
Theme Keyword: Spring / Seep
Theme Keyword: Artificial Path
Theme Keyword: Water Resources (Inland)
Theme Keyword: geoscientificInformation
Theme Keyword: Hydrography
Theme Keyword: Reach Code
Theme Keyword: inlandWaters

Theme Keyword: Canal / Ditch
Theme Keyword: Swamp / Marsh
Theme Keyword: Stream / River
Theme Keyword: Lake / Pond

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: FL
Place Keyword: US
Place Keyword: Florida

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 Address:

Address Type: mailing
Address: 507 National Center
City: Reston
State or Province: VA
Postal Code: 20192
Country: US

Contact Voice Telephone: 1 888 ASK USGS
Contact Electronic Mail Address: ask@usgs.gov
Hours: 0800-1600 Eastern Time

Point of Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR, Watershed Services Program
Contact Person: Param Maharaj

Contact Position: Florida NHD Steward
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8551
Contact Electronic Mail Address: Param.Maharaj@floridadep.gov

Data Set Credit: USGS, FDEP, Division of Environmental Assessment and Restoration (DEAR)
Native Data Set Environment: Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9270

Data Quality Information:

Attribute Value Accuracy Information:

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:

In June 2013, the existing Florida NHD100K and NHD 24K as downloaded April 10, 2013 from the USGS NHD, Hydrologic Units, GN

Process Date: 20130601

Process Step:

Process Description:

Data updated in ArcSDE/DataMiner and MapDirect. Metadata updated.

Process Date: 20130824

Process Step:

Process Description:

In November 2013, the existing Florida NHD100K and NHD 24K as downloaded November 12, 2013 from the USGS NHD, Hydrologic Un

Process Date: 20131101

Process Step:

Process Description:

Data updated in ArcSDE/DataMiner and MapDirect. Metadata updated.

Process Date: 20131208

Process Step:

Process Description:

The processes used to create and maintain high-resolution NHD data can be found in the table called "NHDMetadata". Because

Process Date: 20140512

Process Step:

Process Description:

In May 2014, the existing Florida NHD100K and NHD 24K as downloaded May 12, 2014 from the USGS NHD, Hydrologic Units, GNIS

Process Date: 20140512

Process Step:

Process Description:

In October 2014, the existing Florida NHD100K and NHD 24K as downloaded October 22, 2014 from the USGS NHD, Hydrologic Unit

Process Date: 20141022

Process Step:

Process Description:

An October 22, 2014 copy of the Florida NHD was obtained from the USGS for purposes of updating the Florida Dept. of Enviro

Process Date: 20141201

Process Step:

Process Description:

Changes in the October 2014 download of the Florida NHD include new and updated NHD Point Events. These EventTypes follow t

Process Date: 20141208

Process Step:

Process Description:

Data updated in the GIS library

Process Date: 20150107
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In May 2015, the Florida NHD 100K (as of March 25, 2015) and NHD 24K (as of March 17, 2015) including Watershed Boundary Da

Process Date: 20150410

Process Step:

Process Description:

Data updated in the GIS library.

Process Date: 20150501
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

```
In December 2015, the Florida NHD 100K (as of March 25, 2015) and NHD 24K (as of October 22, 2015) including Watershed Boun
```

Process Date: 20151116
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR
Contact Person: Edwin Abbey

Contact Position: Environmental Manager
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8550
Contact Electronic Mail Address: Edwin.Abbey@dep.state.fl.us

Process Step:

Process Description:

```
Data updated in the GIS library.
```

Process Date: 20151208
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

```
Added NOAA- NFHAP Estuarine Zones layer in the NHD layer published in DataMiner.
```

Process Date: 20160225
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In April 2016, the existing Florida NHD100K and NHD 24K as downloaded February 25, 2016 from the USGS NHD, Hydrologic Units

Process Date: 20160426
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR
Contact Person: Edwin Abbey

Contact Position: Environmental Manager
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8550
Contact Electronic Mail Address: Edwin.Abbey@dep.state.fl.us

Process Step:

Process Description:

Data updated in SDE and DataMiner. Metadata updated.

Process Date: 20160506
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In October 2016, the existing Florida NHD100K and NHD 24K as downloaded September 5, 2016 from the USGS NHD, Hydrologic Uni

Process Date: 20161003
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR
Contact Person: Edwin Abbey

Contact Position: Environmental Manager
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8550
Contact Electronic Mail Address: Edwin.Abbey@dep.state.fl.us

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20161209
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In January 2017, the existing Florida NHD100K and NHD 24K as downloaded January 17, 2017 from the USGS NHD, Hydrologic Unit

Process Date: 20170124
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR
Contact Person: Edwin Abbey

Contact Position: Environmental Manager
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8550
Contact Electronic Mail Address: Edwin.Abbey@dep.state.fl.us

Process Step:

Process Description:

Updated data obtained from DEAR and updated the same in the GIS library.

Process Date: 20170217
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In June 2017, the existing Florida NHD100K and NHD 24K as downloaded May 1, 2017 from the USGS NHD, Hydrologic Units, GNIS

Process Date: 20170623

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20170728
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In December 2017, the existing Florida NHD100K and NHD 24K as downloaded November 27, 2017 from the USGS NHD, Hydrologic Un

Process Date: 20171130

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20171215
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400

Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In May 2018, the existing Florida NHD100K and NHD 24K as downloaded May 2, 2018 from the USGS NHD, Hydrologic Units, GNIS a

Process Date: 20180531
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20180531
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In November 2018, the existing Florida NHD100K and NHD 24K as downloaded November 7, 2018 from the USGS NHD, Hydrologic Uni

Process Date: 20181116

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20181128
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical

Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In May 2019, the existing Florida NHD100K and NHD 24K as downloaded April 26, 2019 from the USGS NHD, Hydrologic Units, GNI

Process Date: 20190513
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR, Watershed Services Program
Contact Person: Param Maharaj

Contact Position: Florida NHD Steward
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8551
Contact Electronic Mail Address: Param.Maharaj@floridadep.gov

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20190520
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In November 2019, the existing Florida NHD100K and NHD 24K as downloaded October 28, 2019 from the USGS NHD, Hydrologic Uni

Process Date: 20191101
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR, Watershed Services Program
Contact Person: Param Maharaj

Contact Position: Florida NHD Steward

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8551
Contact Electronic Mail Address: Param.Maharaj@floridadep.gov

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20191121
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In April 2020, the existing Florida NHD100K and NHD 24K as downloaded April 28, 2020 from the USGS NHD, Hydrologic Units, G

Process Date: 20200504

Process Step:

Process Description:

Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update

Process Date: 20200529
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd MS 6520
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Process Step:

Process Description:

In November 2020, the existing Florida NHD100K and NHD 24K as downloaded November 2, 2020 from the USGS NHD, Hydrologic Uni

Process Date: 20201112
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: FDEP, DEAR, Watershed Services Program
Contact Person: Param Maharaj

Contact Position: Florida NHD Steward
Contact Address:

Address Type: mailing and physical
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Voice Telephone: 850-245-8551
Contact Electronic Mail Address: Param.Maharaj@floridadep.gov

Process Step:

Process Description:

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Revised data obtained from DEAR as part of the biannual NHD update and updated the same in the GIS library. Metadata update
```

Process Date: 20201201
Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: MS 6520
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Spatial Data Organization Information:

Direct Spatial Reference Method: Vector
Point and Vector Object Information:

SDTS Terms Description:

SDTS Point and Vector Object Type: GT-polygon composed of chains
Point and Vector Object Count: 35196

Entity and Attribute Information:

Detailed Description:

Entity Type:

Entity Type Label: NHD.NHD100Waterbody

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: PERMANENT_IDENTIFIER

Attribute:

Attribute Label: SHAPE

Attribute Definition: Feature geometry.
Attribute Definition Source: Esri
Attribute Domain Values:

Unrepresentable Domain: Coordinates defining the features.

Attribute:

Attribute Label: REACHCODE

Attribute:

Attribute Label: FDATE

Attribute:

Attribute Label: RESOLUTION

Attribute:

Attribute Label: GNIS_ID

Attribute:

Attribute Label: GNIS_NAME

Attribute:

Attribute Label: AREASQKM

Attribute:

Attribute Label: ELEVATION

Attribute:

Attribute Label: FTYPE

Attribute:

Attribute Label: FCODE

Attribute:

Attribute Label: THINNERCODE

Attribute:

Attribute Label: SHAPE.AREA

Attribute:

Attribute Label: SHAPE.LEN

Metadata Reference Information:

Metadata Date: 20201201
Metadata Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Florida Department of Environmental Protection (FDEP) OTIS/GIS Section

Contact Address:

Address Type: mailing and physical
Address: MS 6520
Address: 2600 Blair Stone Rd
City: Tallahassee
State or Province: FL
Postal Code: 32399-2400
Country: US

Contact Electronic Mail Address: GIS.Librarian@dep.state.fl.us

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata Standard Version: FGDC-STD-001-1998
Metadata Time Convention: local time