

# MS\_NHDWaterbody\_May2022

## Shapefile



## Tags

FWHydrography, Hydrography, Stream / River, Lake / Pond, Canal / Ditch, Reservoir, Spring / Seep, Swamp / Marsh, Artificial Path, Reach Code

## Summary

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.

## Description

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.

\*\* MARIS staff clipped the May 7, 2022 Mississippi NHD geodatabase flowline feature with a 100 meter buffer around the state border to create this shapefile \*\*

## Credits

USGS, MARIS

## Use limitations

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

## Extent

**West** -91.715243 **East** -88.094651

**North** 35.006345 **South** 30.162710

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ▶

## Topics and Keywords ▶

\* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

## Citation ▶

\* TITLE MS\_NHDWaterbody\_May2022

PUBLICATION DATE 2020-10-27 00:00:00

PRESENTATION FORMATS \* digital map

[Hide Citation ▲](#)

## Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME USGS

ORGANIZATION'S NAME USGS NHD

CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

## Resource Details ▶

DATASET LANGUAGES \* English (UNITED STATES)

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.9.1.28388

CREDITS

USGS, MARIS

ARCGIS ITEM PROPERTIES

\* NAME MS\_NHDWaterbody\_May2022

\* SIZE 409.534

\* LOCATION file:///\\DESKTOP-

TP9LNVL\F\$\DATA\00\_HYDROLOGY\NHD\_2022\_High\_May\MS\_NHDWaterbody\_May2022.s  
hp

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -91.715243

\* EAST LONGITUDE -88.094651

\* NORTH LATITUDE 35.006345

\* SOUTH LATITUDE 30.162710

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 320593.435860

\* EAST LONGITUDE 651104.983935

\* SOUTH LATITUDE 1042361.125120

\* NORTH LATITUDE 1577952.499235

\* EXTENT CONTAINS THE RESOURCE Yes

*Hide Extents ▲*

## Resource Constraints ►

### CONSTRAINTS

#### LIMITATIONS OF USE

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

*Hide Resource Constraints ▲*

## Spatial Reference ►

### ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_Mississippi\_TM

\* COORDINATE REFERENCE DETAILS

#### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102609

X ORIGIN -5122200

Y ORIGIN -12297100

XY SCALE 450339697.45066422

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3814

#### WELL-KNOWN TEXT

PROJCS["NAD\_1983\_Mississippi\_TM",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["Transverse\_Mercator"],PARAMETER["False\_Easting",500000.0],PARAMETER["False\_Northing",1300000.0],PARAMETER["Central\_Meridian",-89.75],PARAMETER["Scale\_Factor",0.9998335],PARAMETER["Latitude\_Of\_Origin",32.5],UNIT["Meter",1.0],AUTHORITY["EPSG",3814]]

#### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 3814
- \* CODESPACE EPSG
- \* VERSION 6.17.1(10.0.0)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

#### VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

- FEATURE CLASS NAME MS\_NHDWaterbody\_May2022
- \* OBJECT TYPE composite
- \* OBJECT COUNT 200906

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME MS\_NHDWaterbody\_May2022
- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 200906
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING TRUE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Geoprocessing history ►

#### PROCESS

PROCESS NAME  
DATE 2022-05-07 01:00:54  
TOOL LOCATION c:\program files\arcgis\server\ArcToolbox\Toolboxes\Data Management Tools.tbx\Append  
COMMAND ISSUED  
Append  
D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GPKG.gpkg\main.NHDWaterbody  
D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody NO\_TEST

"permanent\_identifier "Permanent\_Identifier" true false false 40 Text 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,permanent\_identifier,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,permanent\_identifier,-1,-1;fdate "FDate" true false false 8 Date 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,fdate,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,fdate,-1,-1;resolution "Resolution" true false false 4 Long 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,resolution,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,resolution,-1,-1;gnis\_id "GNIS\_ID" true true false 10 Text 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,gnis\_id,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,gnis\_id,-1,-1;gnis\_name "GNIS\_Name" true true false 65 Text 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,gnis\_name,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,gnis\_name,-1,-1;areasqkm "AreaSqKm" true true false 8 Double 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,areasqkm,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,areasqkm,-1,-1;elevation "Elevation" true true false 8 Double 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,elevation,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,elevation,-1,-  
1;reachcode "ReachCode" true true false 14 Text 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,reachcode,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,reachcode,-1,-1;ftype "FType" true false false 4 Long 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,ftype,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,ftype,-1,-1;fcode "FCode" true true false 4 Long 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,fcode,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,fcode,-1,-  
1;visibilityfilter "VisibilityFilter" true false false 4 Long 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,visibilityfilter,-1,-  
1,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,visibilityfilter,-1,-  
1;SHAPE\_Length "SHAPE\_Length" false true true 8 Double 0 0  
,First,#,D:\SPGExtract\Output\SPG\_17024\_20220506\_224540\Hydrography\NHD\State\NHD\_H\_Mississippi\_State\_GDB.gdb\Hydrography\NHDWaterbody,SHAPE\_Length,-1,-

```
1,D:\SPGExtract\Output\SPG_17024_20220506_224540\Hydrography\NHD\State\NHD_H
_Mississippi_State_GDB.gdb\Hydrography\NHDWaterbody,SHAPE_Length,-1,-
1;SHAPE_Area "SHAPE_Area" false true true 8 Double 0 0
,First,#,D:\SPGExtract\Output\SPG_17024_20220506_224540\Hydrography\NHD\Stat
e\NHD_H_Mississippi_State_GDB.gdb\Hydrography\NHDWaterbody,SHAPE_Area,-1,-
1,D:\SPGExtract\Output\SPG_17024_20220506_224540\Hydrography\NHD\State\NHD_H
_Mississippi_State_GDB.gdb\Hydrography\NHDWaterbody,SHAPE_Area,-1,-1" #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No
```

#### PROCESS

```
PROCESS NAME
DATE 2022-05-09 14:08:21
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.8\ArcToolbox\Toolboxes\Analysis
Tools.tbx\Clip
COMMAND ISSUED
Clip NHDWaterbody stbnd 100m buff
F:\DATA\00_HYDROLOGY\NHD_2022_High_May\MS_NHD_WaterbodyLL_May2022.shp #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No
```

[Hide Geoprocessing history ▲](#)

## Distribution ►

#### DISTRIBUTION FORMAT

\* NAME Shapefile

#### TRANSFER OPTIONS

\* TRANSFER SIZE 409.534

[Hide Distribution ▲](#)

## Fields ►

#### DETAILS FOR OBJECT MS\_NHDWaterbody\_May2022 ►

\* TYPE Feature Class

\* ROW COUNT 200906

#### 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 FDate ▶

- \* ALIAS fdate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

[Hide Field FDate ▲](#)

FIELD Resolution ▶

- \* ALIAS resolution
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

SUBTYPE INFORMATION

- \* SUBTYPE NAME (SUBTYPE CODE)

---

Ice Mass (378)

---

0

---

SwampMarsh (466)

---

0

---

Estuary (493)

---

0

---

Playa (361)

---

0

---

LakePond (390)

---

0

---

Reservoir (436)

---

0

- \* DOMAIN NAME Resolution
- \* TYPE Coded Value
- \* MERGE RULE Default value
- \* SPLIT RULE Duplicate

[Hide Field Resolution ▲](#)

FIELD GNIS\_ID ▶

- \* ALIAS gnis\_id
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

[Hide Field GNIS\\_ID ▲](#)

FIELD GNIS\_Name ►

- \* ALIAS gnis\_name
- \* DATA TYPE String
- \* WIDTH 65
- \* PRECISION 0
- \* SCALE 0

[Hide Field GNIS\\_Name ▲](#)

FIELD AreaSqKm ►

- \* ALIAS areasqkm
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

[Hide Field AreaSqKm ▲](#)

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 Elevation ►

- \* ALIAS elevation



- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

SUBTYPE INFORMATION

- \* SUBTYPE NAME (SUBTYPE CODE)

---

Ice Mass (378)

no default value

---

SwampMarsh (466)

no default value

---

Estuary (493)

no default value

---

Playa (361)

no default value

---

LakePond (390)

no default value

---

Reservoir (436)

no default value

- \* DOMAIN NAME ElevationRange
- \* TYPE Range
- \* MERGE RULE Default value
- \* SPLIT RULE Default value

*Hide Field Elevation ▲*

FIELD Permanent\_ ►

- \* ALIAS permanent\_
- \* DATA TYPE String
- \* WIDTH 40
- \* PRECISION 0
- \* SCALE 0

*Hide Field Permanent\_ ▲*

FIELD ReachCode ►

- \* ALIAS reachcode
- \* DATA TYPE String
- \* WIDTH 14
- \* PRECISION 0
- \* SCALE 0

[Hide Field ReachCode ▲](#)

FIELD FType ▶

- \* ALIAS ftype
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

SUBTYPE INFORMATION

- \* SUBTYPE NAME (SUBTYPE CODE)

---

Ice Mass (378)

---

378

---

SwampMarsh (466)

---

466

---

Estuary (493)

---

493

---

Playa (361)

---

361

---

LakePond (390)

---

390

---

Reservoir (436)

---

436

- \* DOMAIN NAME ElevationRange
- \* TYPE Range
- \* MERGE RULE Default value
- \* SPLIT RULE Default value

[Hide Field FType ▲](#)

FIELD FCode ▶

- \* ALIAS fcode
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

SUBTYPE INFORMATION

- \* SUBTYPE NAME (SUBTYPE CODE)

---

Ice Mass (378)

37800
SwampMarsh (466)
46600
Estuary (493)
49300
Playa (361)
36100
LakePond (390)
39004
Reservoir (436)
43600

- \* DOMAIN NAME Reservoir FCode
- \* TYPE Coded Value
- \* MERGE RULE Default value
- \* SPLIT RULE Duplicate

[Hide Field FCode ▲](#)

FIELD Shape\_Area ►

- \* ALIAS SHAPE\_Area
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Area of feature in internal units squared.
- \* DESCRIPTION SOURCE  
ESRI
- \* DESCRIPTION OF VALUES  
Positive real numbers that are automatically generated.

[Hide Field Shape\\_Area ▲](#)

FIELD Visibility ►

- \* ALIAS visibility
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

[Hide Field Visibility ▲](#)

FIELD Shape\_Leng ▶

- \* ALIAS SHAPE\_Leng
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

[Hide Field Shape\\_Leng ▲](#)

[Hide Details for object MS\\_NHDWaterbody\\_May2022 ▲](#)

DETAILS FOR OBJECT NHDWaterbodyToMeta

- \* 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)

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset

SCOPE NAME \* dataset

\* LAST UPDATE 2022-05-10

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2022-05-09 14:40:54

LAST MODIFIED IN ARCGIS FOR THE ITEM 2022-05-10 75:83:60

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2022-05-10 07:57:51

[Hide Metadata Details ▲](#)

## Thumbnail and Enclosures ▶

### THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼

### DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL MS\_NHDWaterbody\_May2022

### ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

### 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 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 Elevation

ATTRIBUTE  
ATTRIBUTE LABEL Permanent\_

ATTRIBUTE  
ATTRIBUTE LABEL ReachCode

ATTRIBUTE  
ATTRIBUTE LABEL FType

ATTRIBUTE  
ATTRIBUTE LABEL FCode

ATTRIBUTE  
ATTRIBUTE LABEL Shape\_Area  
ATTRIBUTE DEFINITION  
Area of feature in internal units squared.  
ATTRIBUTE DEFINITION SOURCE ESRI  
ATTRIBUTE DOMAIN VALUES  
UNREPRESENTABLE DOMAIN  
Positive real numbers that are automatically generated.

ATTRIBUTE  
ATTRIBUTE LABEL Visibility

ATTRIBUTE  
ATTRIBUTE LABEL Shape\_Leng

DETAILED DESCRIPTION  
ENTITY TYPE  
ENTITY TYPE LABEL NHDWaterbodyToMeta

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 ▲](#)