

Water Features

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Framework Data Theme: Hydrography

Framework Dataset: Water Features

Proposed Framework Dataset Name: National Hydrography Dataset

Link to Publication Dataset of Proposed Framework Dataset:

<http://viewer.nationalmap.gov/viewer/> as part of the National Hydrography Dataset (NHD)

Map Services:

NHD Base Map - Primary Tile Cache	http://basemap.nationalmap.gov/ArcGIS/rest/services/USGSHydroNHD/MapServer
USGS NHD Base Map - Below 18K Scale Dynamic	http://services.nationalmap.gov/ArcGIS/rest/services/USGSHydroNHDLarge/MapServer/1
Hydrography (NHD) - Dynamic	http://services.nationalmap.gov/ArcGIS/rest/services/nhd/MapServer/7

Link to Metadata of Proposed Framework Dataset:

Full metadata for the NHD is provided with the data download at <http://viewer.nationalmap.gov/viewer/>

Authoritative Source(s) Description (Include name of organization, contact information, and legal authority description)

- 1) OCIO Directive 2008-020 (Aug. 22, 2008) provides the method for defining an Authoritative Data Source (ADS) in support of the DOI Geospatial Modernization Blueprint (www.nps.gov/gis/egim/publications.html).
- 2) The National Map is foundational to implementation of the DOI Geospatial Modernization Blueprint (<http://nationalmap.gov/about.html>) and is an recognized ADS.
- 3) The NHD is the surface water component of the National Map and is portrayed on the US Topo map product produced by USGS (<http://nhd.usgs.gov/>).

Link to Data Exchange Standard:

Draft: http://www.idwr.idaho.gov/GeographicInfo/NHD/pdfs/HydroStd_ver1_3_2014.pdf

Trusted Source Description (Include name of organization & contact information)

The National Map comprises a variety of products and services that provide the Nation with access to base geospatial information to describe the landscape of the United States and its territories. *The National Map* (<http://nationalmap.gov/>) supports data download, digital and print versions of topographic maps, geospatial data services, and online viewing.

National Map Contact	National Hydrography Database Contact
Jeff Dietterle U.S. Geological Survey 12201 Sunrise Valley Drive, MS 810 Reston, Virginia 20192 jdietterle@usgs.gov	Jeff Simley U.S. Geological Survey Box 25046, MS 510 Denver, Colorado 80225 jdsimley@usgs.gov

Please attach copies of the agreements between Authoritative Source(s) and Trusted Source.

The USGS is part of the Department of Interior and by Directive shall provide data to the public through the National Map.

Minimum Scale of Dataset: 1:24000 although some data is at a larger scale.

Please describe the proposed maintenance schedule for the dataset:

Maintenance of the NHD is on an as needed basis through the Data Stewards.

The Idaho Department of Water Resources is the Data Steward for the NHD and regularly submits updates on a project by project basis.

Draft Stewardship Plan:

http://www.idwr.idaho.gov/GeographicInfo/NHD/pdfs/StewardshipPlan_NHD_ver0_5.pdf

For more information on NHD update projects, please see the Hydrography TWG minutes (<http://www.idwr.idaho.gov/GeographicInfo/Watersheds/events.htm>).

If this dataset is not a statewide coverage, please describe the methodology for developing or incorporating other data to make a statewide coverage.

This dataset is statewide.

Other information for the IGC-EC to consider:

This dataset is part of the surface water dataset of the National Map. In total, it is a national coverage used by the USTopo program (<http://nationalmap.gov/ustopo/>).