National Hydrography Dataset (NHD) Model (v2.2)

June 27, 2014

The Catalog View

NHD Geodatabase

Attribute Tables

Feature Detail

Processing

Processing Domains

FEATURE CLASSES

FCode (Feature) Domains

Non-FCode Domains

Event

Event Feature Classes

Feature Metadata

In the NHD geodatamodel, feature-level metadata information is included in three tables: NHDFeatureToMetadata, NHDMetadata, and NHDSourceCitation. The NHDFeatureToMetadata table links the features to their instances of metadata. The NHDMetadata table contains the general metadata characteristics for each collection of features. The NHDSourceCitation table details the source associated with each metadata instance.

Water Boundary Dataset (WBD)

Information on the WBD Data Model is available at: http://nhd.usgs.gov/wbd.html

Model Changes

Hazard Zone and Special Use Zone subtypes removed from NHDArea feature class
Special Use Zone Limit subtype removed from NHDLine feature class
Removed Special Use Zone FCode, Special Use Zone Limit FCode, Hazard Zone FCode domains
Added a new FCode to the Gaging Station FCode domain
Removed existing values from Point Event Type domain and replaced them with new values

Poster Changes

The 6/27/14 version of the NHD Data Model Poster removes WBD data model content and replaces it with a link to the WBD website for accessing the entire WBD data model.

All other changes indicated as follows:

| New element | Update | Deletion |