

Watershed Boundary Dataset (WBD) Data Model (v2.3)

National Hydrography Dataset (NHD)

June 1, 2020

WBDv2.3 Model Changes

GNIS_ID field removed from all Hydrologic Units (HU) feature classes.

All other data model updates highlighted in diagram:

- New element
- Update
- Delete

Catalog View

- Geodatabase
 - Feature dataset
 - WBD
 - Polygon feature class
 - NonContributingDrainageArea
 - Line feature class
 - NonContributingDrainageLine
 - NWISDrainageArea
 - NWISDrainageLine
 - Line feature class
 - WBDLine
 - Polygon feature class
 - WBDHU2
 - Polygon feature class
 - WBDHU4
 - Polygon feature class
 - WBDHU6
 - Polygon feature class
 - WBDHU8
 - Polygon feature class
 - WBDHU10
 - Polygon feature class
 - WBDHU12
 - Polygon feature class
 - WBDHU14
 - Polygon feature class
 - WBDHU16
 - Object table
 - HUMod
 - Object table
 - MetaProcessDetail
 - Relationship
 - MetaProcessHasMetaSource
 - Object table
 - MetaSourceDetail
 - Object table
 - FeatureToMeta
 - Relationship
 - MetaProcessToFeature
 - Object table
 - External Crosswalk
 - Object table
 - ProcessingParameters
 - Object table
 - UpdateStatus

Hydrologic Units (HU) Feature Classes

| Field name | Data type | Allow nulls | Default value | Domain | Prec | Scale | Length |
|------------------|-----------|-------------|---------------|--------|------|-------|--------|
| OBJECTID | Object ID | | | | | | |
| Shape | Geometry | Yes | | | | | |
| TNMD | String | Yes | | | | | 40 |
| MetaSourceID | String | Yes | | | | | 40 |
| SourceDataDesc | String | Yes | | | | | 100 |
| SourceOriginator | String | Yes | | | | | 130 |
| SourceFeatureID | String | Yes | | | | | 40 |
| LoadDate | Date | Yes | | | | 0 | 8 |
| AreaSqKm | Double | Yes | | | | 0 | 0 |
| AreaAcres | Double | Yes | | | | 0 | 0 |
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