

NHDPlusNationalData

10/01/2018 – New Component

A Crosswalk between the NHDPlus Catchments and the WBD HUC12s has been added along with a document titled “NHDPlusV21 Catchments and WBD Hydrologic Units as Building Blocks”.

09/21/2017 – Updated Components

The NHDPlusAttributes has been updated. Various VAAs in PlusFlowlineVAA for Coastline features have been standardized.

5/2/2016 – New component – National Seamless File Geodatabase

The VPUs in the continental U.S. have been appended together to create a new National Seamless File Geodatabase. In addition, most of the tables in the NHDPlusAttributes component have been joined into the appropriate feature classes.

4/30/2016 – Replacement component – NationalWBDSnapshot

The improved HUC12 downstream pointers from the February 2016 WBD Version into the NHDPlus National WBD snapshot, When a correspondence between the two versions could be determined for both the HUC12 and the downstream HUC12, the downstream pointer was updated.

3/11/2016 – Replacement component – NationaCat

The national catchment grid updated to correct the gridcodes in VPU06.

11/9/2015 – Replacement component – GageLoc Shapefile and GageInfo dbf

The GageLoc and GageInfo were updated with additional gages and corrections to a small number of gage locations. Also, several new fields added to GageInfo.

7/17/2015 – Replacement component – GageLoc Shapefile and GageInfo dbf

The GageLoc and GageInfo were updated with additional gages and corrections to a small number of gage locations. Also, the Active/Inactive Status was added to GageInfo.

7/8/2015 – Updated Components

The NationalWBDSnapshot was revised to correct the values in the Acres field.

2/3/2015 – Replacement component – GageLoc Shapefile

The GageLoc was updated with additional gages and corrections to a small number of gage locations.

1/6/2015 – Replacement component – National WBD Snapshot

The National WBDSnapshot components (both shapefile and fgdb) were replaced in order to add the HUC12 polygons for Hawaii (HUC2=20) and Puerto Rico/Virgin Islands (HUC2=21).

11/19/2014 – Replacement component – National WBD Snapshot

The National WBDSnapshot components (both shapefile and fgdb) were replaced in order to correct a WBD error. The HUC12 code 031401010701 (Wetappo Creek) was duplicated incorrectly to another HUC12 polygon. The polygon with this incorrect code is now coded 031401010706 (St. Joseph Bay).

10/13/2014 – National WBD Snapshot

Version 03 of the National WBD Snapshot was released, replacing the Version 01 dataset. The changes consist of (1) deletion of the partial HUC for Lake Superior, (2) addition of several HUC12s along the Canadian Border.

02/5/2013 – GageInfo Table

Version 03 of the GageInfo table was released, replacing the incomplete Version 01 dataset.

1/13/2013 – National Stream Gage Data

Version 01 of the three NHDPlus datasets associated with stream gages (GageLoc, GageInfo, GageSmooth) were released.

8/21/2012 – Initial Release Notes

National WBD Snapshot

The process described in the NHDPlusV2 User Guide, Appendix A was followed. There were nine national WBD versions used during NHDPlusV21 build/refresh processing with issue dates of:

WBD National Version Issue Date	NHDPlusV21 VPU
8/31/2010	04
3/10/2011	05, 06
7/14/2011	17
9/16/2011	10L
10/07/2011	10U
11/14/2011	07, 11
12/2/2011	18
12/21/2011	09, 12
2/1/2012	01, 02, 03N, 03S, 03W, 08, 13, 14, 15, 16

Validation of the topology revealed:

- 15 overlaps – fixed by keeping the polygon from the earlier WBD snapshot
- 1209 gaps -- 1059 were identical to polygons in the snapshot dataset (islands marked as gaps) and were flagged as exceptions. 124 were single islands that were represented as multipart polygons in the WBD and were flagged as exceptions. 25 remaining gaps, all less than 2 meters wide, were inspected, converted to features, and merged with an adjacent polygon.

