

USGS National Hydrography Dataset Newsletter

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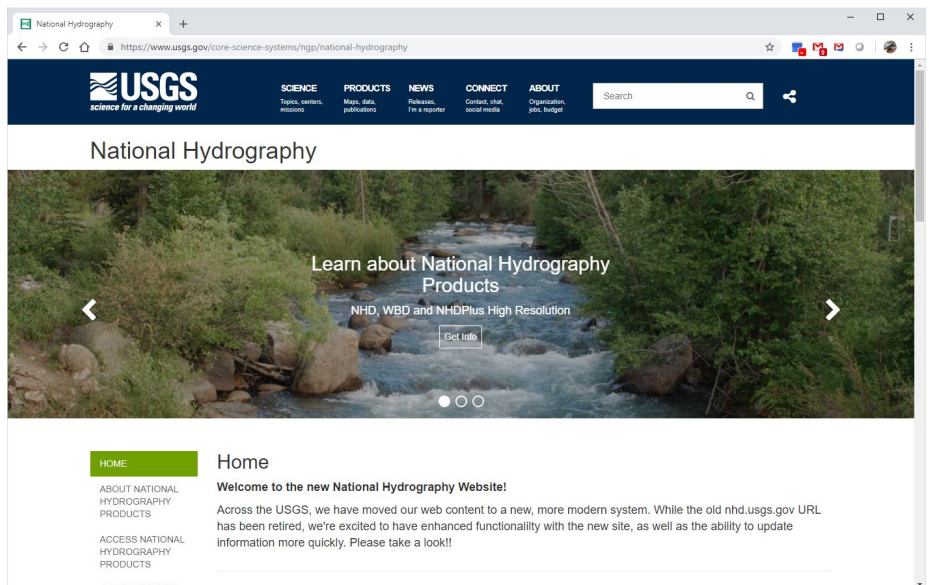
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New Hydrography Webpage released

Contact: [Steve Aichele \(saichele@usgs.gov\)](mailto:saichele@usgs.gov)

The National Hydrography website has been updated to Drupal. In addition to giving the site a more modern look, the new framework is intended to allow better organization of content. “Better” organization does mean different organization, so some items have moved. If you have trouble finding something on the page feel free to contact me (or any of the contacts on the “Connect” tab). It’s possible we missed something during the transfer.

Most of the pages that were on the old “nhd.usgs.gov” site now redirect to the top National Hydrography page, so some bookmarks will likely need to be updated.



We also have shortcut URLs to the most commonly accessed pages:

- Home usgs.gov/NatHydro
- Access national hydrography products usgs.gov/NatHydroAccess
- Tools usgs.gov/NatHydroTools
- Newsletter usgs.gov/NatHydroNews
- Stewardship and Community usgs.gov/NatHydroCommunity
- NHDPlus High Resolution usgs.gov/NatHydroNHDPlus-HR
- National Hydrography Dataset usgs.gov/NatHydroNHD
- Watershed Boundary Dataset usgs.gov/NatHydroWBD

The HydroLink Tool 1.2 Release

Contact: [Daniel Wieferich](mailto:Daniel.Wieferich@usgs.gov)

A new release of [The HydroLink Tool](#) extends the data upload capabilities to CSV and Excel files. The HydroLink Tool is a collaboration across the Core Science Systems, Ecosystems, and Water Mission Areas. It helps scientists link data to the NHD (Medium and High Resolutions) in a consistent manner, enhancing network analysis and facilitating integrated science.

HydroLink Tool

Generate a hydrologic linear reference for point data representing locations of geographic features or field samples using the HydroLink Tool. This web-based GIS application allows for upload of a shapefile for easy linkage of spatial data records to the National Hydrography Dataset (NHD) Plus Medium Resolution and NHD High Resolution hydrology layers. The outputted value-added dataset can be associated with NHD parameters and other data linked to the NHD.

The application accesses, and modifies feature services stored in your USGS ArcGIS Online account. Use the "Login" button below to sign into the HydroLink Tool using your ArcGIS Online credentials or "Request ArcGIS Online Account (USGS only)" if one is needed.

[Login](#) [Request ArcGIS Online Account \(USGS only\)](#) [Report Issues or Provide Feedback](#)



NHD Stewardship Support in the South Central Region

Contact: Ray Postolovski (rpostolovski@usgs.gov)

The South Central Region contains the states of Utah, Arizona, Colorado, New Mexico, Texas, Oklahoma, Kansas, and Nebraska. Joel Skalet is now the point of contact supporting our stewards in these states and can

be reached at jjaskalet@usgs.gov. A map of stewardship regions and contact information can be found at <https://usgs.gov/NatHydroCommunity>

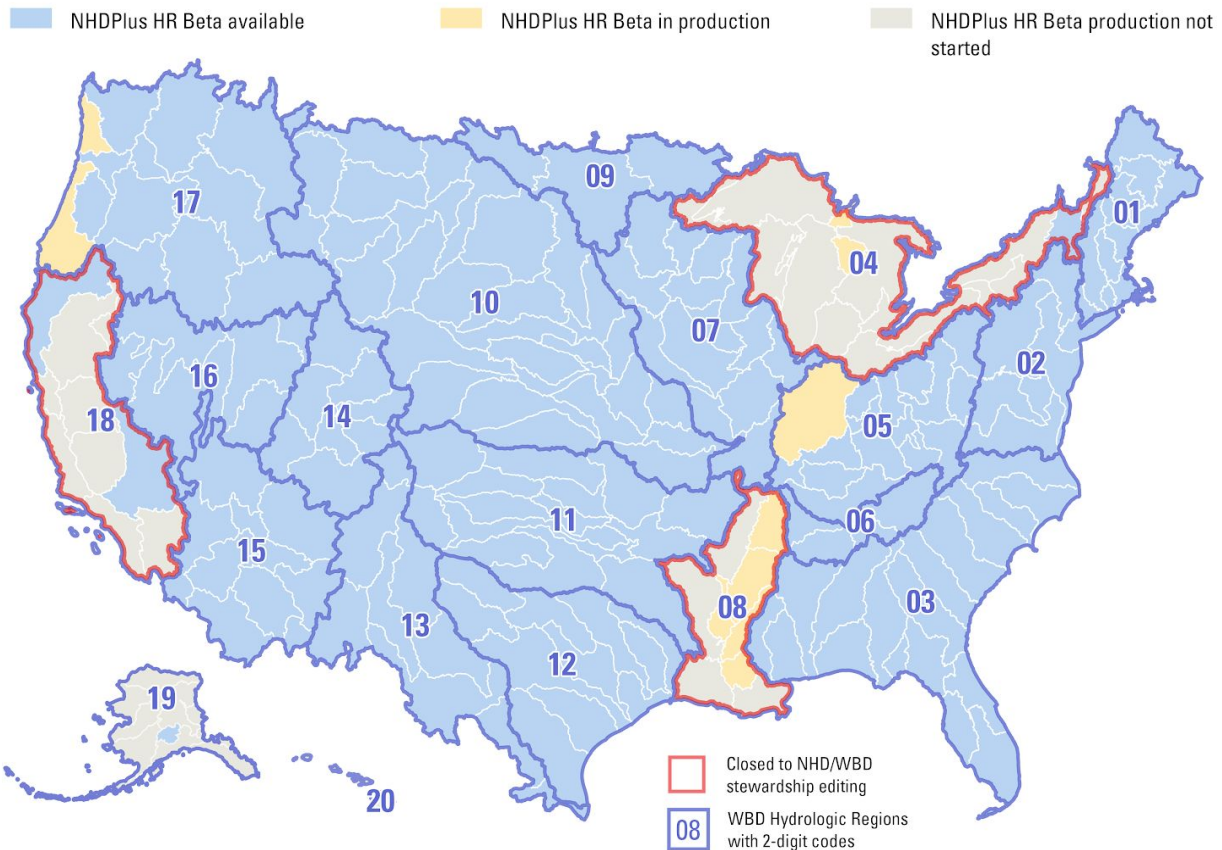
NHDPlus High Resolution Beta Production Status Update

Contact: Karen Adkins (kadkins@usgs.gov), Hayley Thompson (hnthompson@usgs.gov)

The map below provides a general overview of NHDPlus HR availability. This status map is updated frequently on the “Where is NHDPlus HR Available?” section of the [NHDPlus HR webpage](#).

- **Blue areas** - NHDPlus HR Beta is currently available and Beta QC is either in process or completed for these areas. Please see the [NHDPlus HR Beta QC](#) section of the [NHDPlus HR webpage](#).
- **Yellow areas** - The NHDPlus HR Beta is in production and the USGS is currently seeking volunteers for the upcoming Beta QC for these areas. Please see the [NHDPlus HR Beta QC](#) section of the [NHDPlus HR webpage](#) for more information. Please contact the [NHD/WBD Point of Contact](#) in your area for more information on the status of NHD and WBD editing in these areas.
- **Gray areas** - NHDPlus HR Beta will be produced at a later date. Please see the general processing schedule on the [NHDPlus HR webpage](#) for more information. These areas are currently open for NHD and WBD editing.
- **Red outline** - These areas are currently closed to NHD and WBD editing. Please contact the [NHD/WBD Point of Contact](#) in your area for more information.

NHDPlus High Resolution Availability



U.S. Department of the Interior
U.S. Geological Survey

Date updated: 9/12/2018

Summary Email Notifications for the Markup Application Are Coming

Contact: *Tatyana Dimascio* (tdimascio@usgs.gov)

The next round of markup summary email notifications will go out to partners and users in the beginning of October. NHD/WBD partner notification emails are sent bi-monthly. The notifications summarize the number of markups that need to be reviewed (“Submitted” status) or edited (“In Progress” status). The Markup Reviewer tool is used to change markup status. Please notify your USGS NHD/WBD POC if you receive the notification but don’t have the capacity to perform validation and/or editing of NHD/WBD Markups.

Users who submit markups will continue to receive notification emails quarterly. These notifications summarize the number of markups the user has in “Submitted” or “In Progress” status. The emails also provide information about how many of their markups changed status to “In Progress”, “Resolved”, or “Won’t Fix” during the last quarter.

If you need further assistance with the Markup Application or Markup Reviewer, please contact markup@usgs.gov.

NHDPlus HR Component Dataset Status Updates

NHD Network Improvement Project

Contact: David Anderson (danderson@usgs.gov), Hannah Boggs (hboggs@usgs.gov)

The Network Improvement Project identifies and corrects network and data quality issues in the NHD dataset. One of the key drivers for this work is to provide data ready for the production of NHDPlus HR. Coordination with appropriate NHD Points of Contact (POCs) will begin prior to onset of work. Please Note: For all areas listed below, all new data will go through the QA/QC process as it becomes available.

Work Completed

- Regions - 01, 02, 03, 05, 06, 07, 09, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21 and 22
- Subregions - 0903, 041504, 1902, 1801

Network Improvement by Region - Currently In Work

- Regions - 08, 18, 19

Future Work - FY 19

- Region - 04 (Great Lakes)

NHDPlus HR Ingredient Dataset Status - WBD 4-digit Improvement Project

Contact: Kimberly Jones (kjones@usgs.gov), Lily Niknami (lniknami@usgs.gov)

The WBD 4-digit Improvement Project is identifying and correcting hydrologic unit boundary issues in the WBD at the 4-digit level in support of NHDPlus HR production. Instances where the NHD and WBD intersect are being reviewed and invalid intersections are being addressed when appropriate. All proposed major updates to the WBD will be coordinated with the appropriate WBD state steward prior to implementation.

WBD 4-digit Improvement - Work Completed

- Regions - 01, 02, 03, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17 and 18
- Pilot areas - 0903, 041504, 190204, and 190205
- Mexico contributing hydrologic units in Region 13

WBD 4-digit Improvement - Currently In Work

- Region 04
- Canada contributing hydrologic units in Region 04
- Region 19 - 19020301, 19020302, 19020601 and 19020602

WBD 4-digit Improvement - Future Work

- Regions - 19, 20, 21 and 22

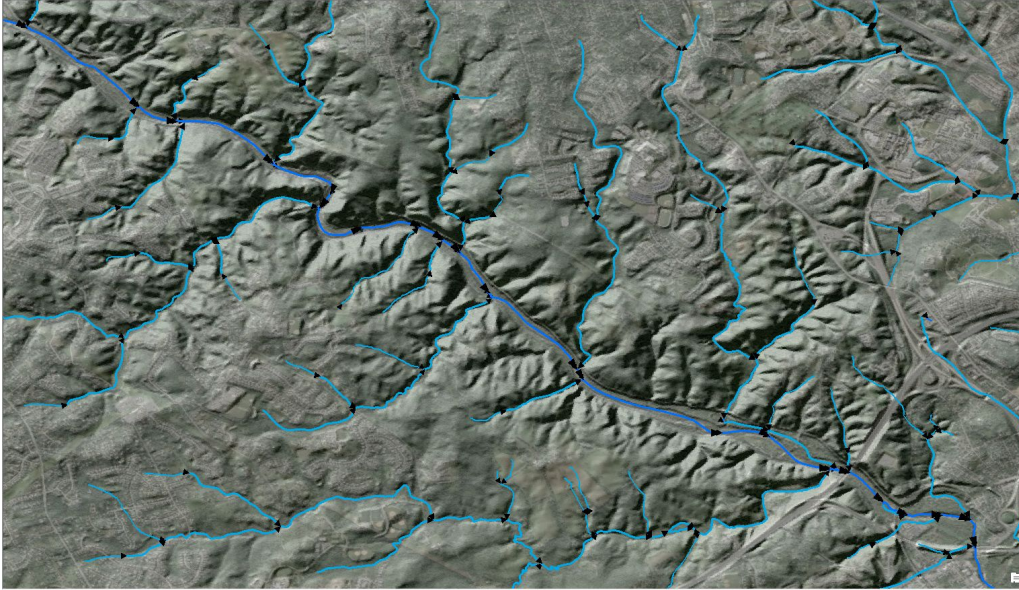
We'd love to see photos of the hydrology near you or from your travels! Please send submissions to Steve Aichele (saichele@usgs.gov).

Hydrography Quiz

Congratulations to **Elizabeth Smith** of Kansas Department of Health and Environment (KDHE) correctly identified **Lake Hood, Alaska**. Elizabeth has been with KDHE for 13 years. For most of that time she has been a stream biologist, but is now becoming a data analyst, mapper, and manager. Elizabeth and her staff are responsible for maintaining the Kansas Surface Water Register (an NHD-based map product) and its designated uses, monitoring stream health throughout the state, and contributing to the Integrated Water Quality Assessment. They are also one of several units integral to the HAB response effort for Kansas.

Because of the transition to the new webpage, the newsletter was available online before I actually sent out the notice. Three people - Dan Button, David Straub, and Ellen Lesch - found the newsletter before it was even announced and answered correctly. In addition, Charley Palmer, Joshua Keeley, Becca Conklin, Steve Shivers, Kit Dwyer, James Sherwood, Laurie Morgan, John Becker, Wendy Steinberger, James McDonald, Janet Brewster, Rob Dollison, Catherine Hillis, Steven Kovach, Joanna Wood, Roger Barlow, Andrew Wilson, Greg Overtoom all identified Lake Hood. Mike Wieczorek, Mike Wiedmer, and John Kosovich also identified the attached Lake Spenard.

Question: This river flows near the birthplace of our National Anthem. Send your answers to saichele@usgs.gov.



Upcoming USGS Hydrography Calls, Trainings, and Meetings

Date	Time	Event
Oct 3	12:00 pm ET	NHD Technical Exchange Meeting
Oct 4	9:30 am ET	NHD Basics Training (2 ½ hrs)
Oct 11	9:30 am ET	NHD Update Tools Training Part 1 (editing) (5 hrs)
Oct 23	1:00 pm ET	NHD/WBD Advisory Call
Oct 25	9:30 am ET	NHD Update Tools Training Part 2 (QC) (5 hrs)

To be added to the NHD/WBD Advisory Call email list, please contact Sue Buto (sbuto@usgs.gov). For more information on technical exchange meetings and trainings, please see the [Hydrographic Data Community \(HDC\)](#) site. For access to the HDC site, please contact Lily Niknami (lniknami@usgs.gov).

Thank you to this month’s USGS National Hydrography Dataset Newsletter contributors:

Tatyana Dimascio, Lily Niknami, Karen Adkins, Hayley Thompson, Hannah Boggs, David Anderson, Kimberly Jones, Alex Kaufman, Joel Skalet, Al Rea, Susan Buto, and Steve Aichele.

Join Our Community!

For more information, to sign up for the newsletter, or to contribute, please contact Steve Aichele, Acting National Hydrography Co-Lead, at saichele@usgs.gov.

Visit us anytime at nhd.usgs.gov and follow us on Twitter @USGSNHD

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