

# USGS National Hydrography Dataset Newsletter

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## Microsoft Login Option for Markup App and WBD Web Edit Applications

*Contacts: Marcelle Caturia ([markup@usgs.gov](mailto:markup@usgs.gov)), Lily Niknami ([lniknami@usgs.gov](mailto:lniknami@usgs.gov))*

Last December, the USGS transitioned from using Google as a primary platform for email and collaboration to Microsoft O365. This change allowed USGS to add Microsoft authentication log-in options to the Markup and WBD Web Edit Applications.

The new log-in options are visible as two new buttons: one for internal Department of the Interior users (“DOI (O365)”) and another for external, non-DOI users (“Microsoft”). The Google and ArcGIS Online log-in authentication buttons remain available in both applications.

If you have any questions or comments about these new options, please contact Marcelle Caturia ([markup@usgs.gov](mailto:markup@usgs.gov)) or Lily Niknami ([lniknami@usgs.gov](mailto:lniknami@usgs.gov)).



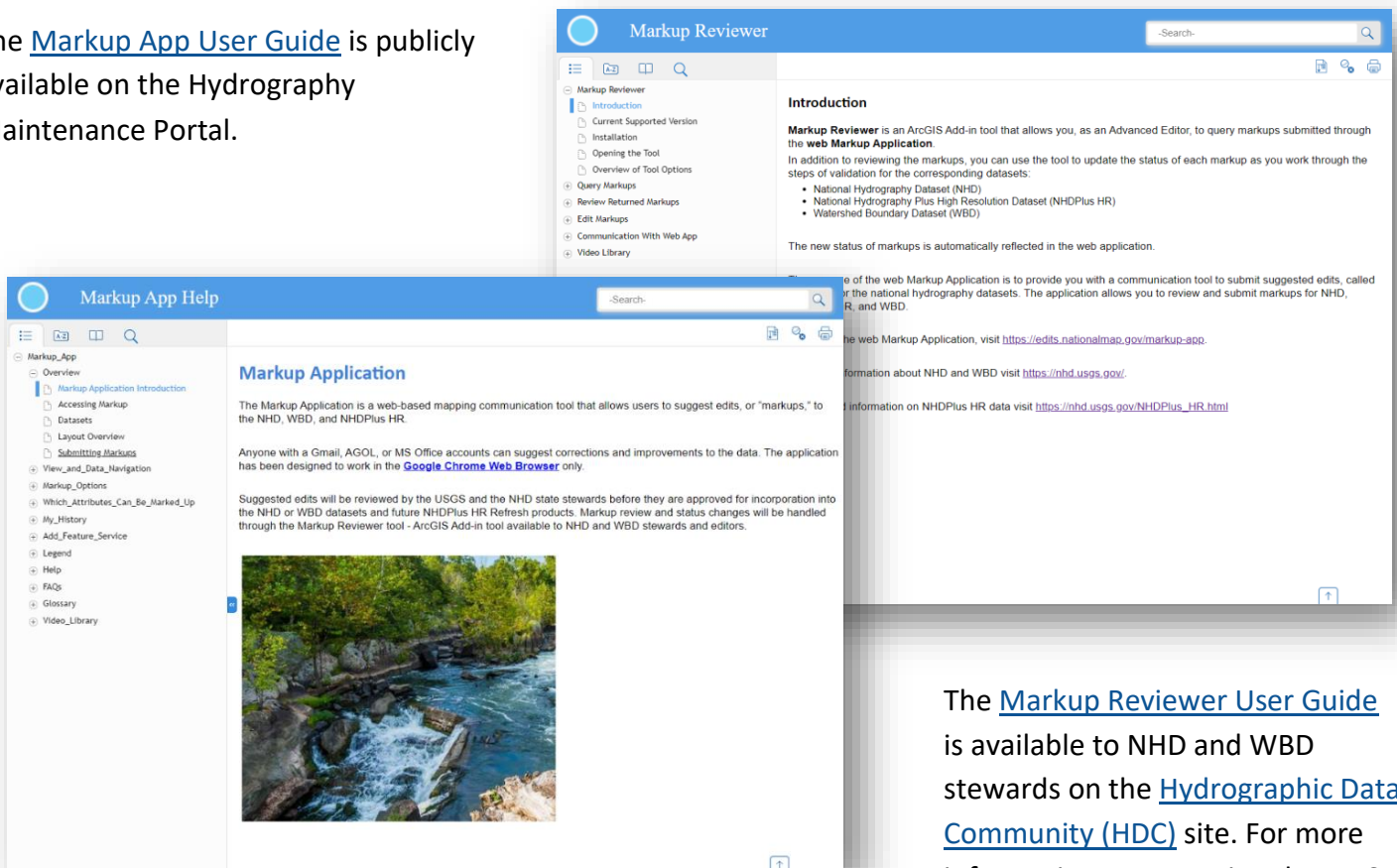
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# Updated User Guides for Markup Application and Markup Reviewer

Contact: [Marcelle Caturia \(markup@usgs.gov\)](mailto:marcelle.caturia@usgs.gov)

User guides for the web-based [Markup Application](#) and ArcGIS Markup Reviewer add-in tool have been updated with expanded content, including coverage of the new Report page in the Markup Application which allows you to generate summary tables from the Markup database.

The [Markup App User Guide](#) is publicly available on the Hydrography Maintenance Portal.



The [Markup Reviewer User Guide](#) is available to NHD and WBD stewards on the [Hydrographic Data Community \(HDC\)](#) site. For more information on accessing the HDC site, please contact Lily Niknami ([lniknami@usgs.gov](mailto:lniknami@usgs.gov)).

For questions or further information about the user guides, please email [markup@usgs.gov](mailto:markup@usgs.gov).

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## Retirement of Bill Smith and New Partner Support Team Members

*Contact: Joel Skalet ([jskalet@usgs.gov](mailto:jskalet@usgs.gov)) and Sara Boyer ([sboyer@usgs.gov](mailto:sboyer@usgs.gov))*

Congratulations to Partner Support POC and NHD lead trainer-extraordinaire Bill Smith on his retirement. Bill worked with the NHD from the very early days and will be greatly missed. Through his many years as NHD POC and lead trainer, he passed along his depth of knowledge to many of our partners across the country. Thank you, Bill, for your many years of great service!

Also, we'd like to welcome two new Partner Support team members - Ryan Teter and Annalisa Stasey. Congratulations Ryan and Annalisa!

For information on NHD training, please contact Joel Skalet ([nhd@usgs.gov](mailto:nhd@usgs.gov) or [jskalet@usgs.gov](mailto:jskalet@usgs.gov), 608-238-9333 x152)

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## NHD and WBD Team Members Nominated for Washington D.C. Award

*Contact: Becci Anderson ([rdanderson@usgs.gov](mailto:rdanderson@usgs.gov))*

David Anderson, Kim Jones, and Roger Barlow were part of the larger Washington D.C. NHD/WBD Finer Scale Mapping project team that has been nominated for The Morris & Gwendolyn Cafritz Foundation Awards (<https://www.cafritzawards.org/>). The team worked on incorporating updated 1:2,400-scale surface water, storm water systems, and drainage systems into the NHD and WBD data.

Congratulations to all the members of the team for the nomination!

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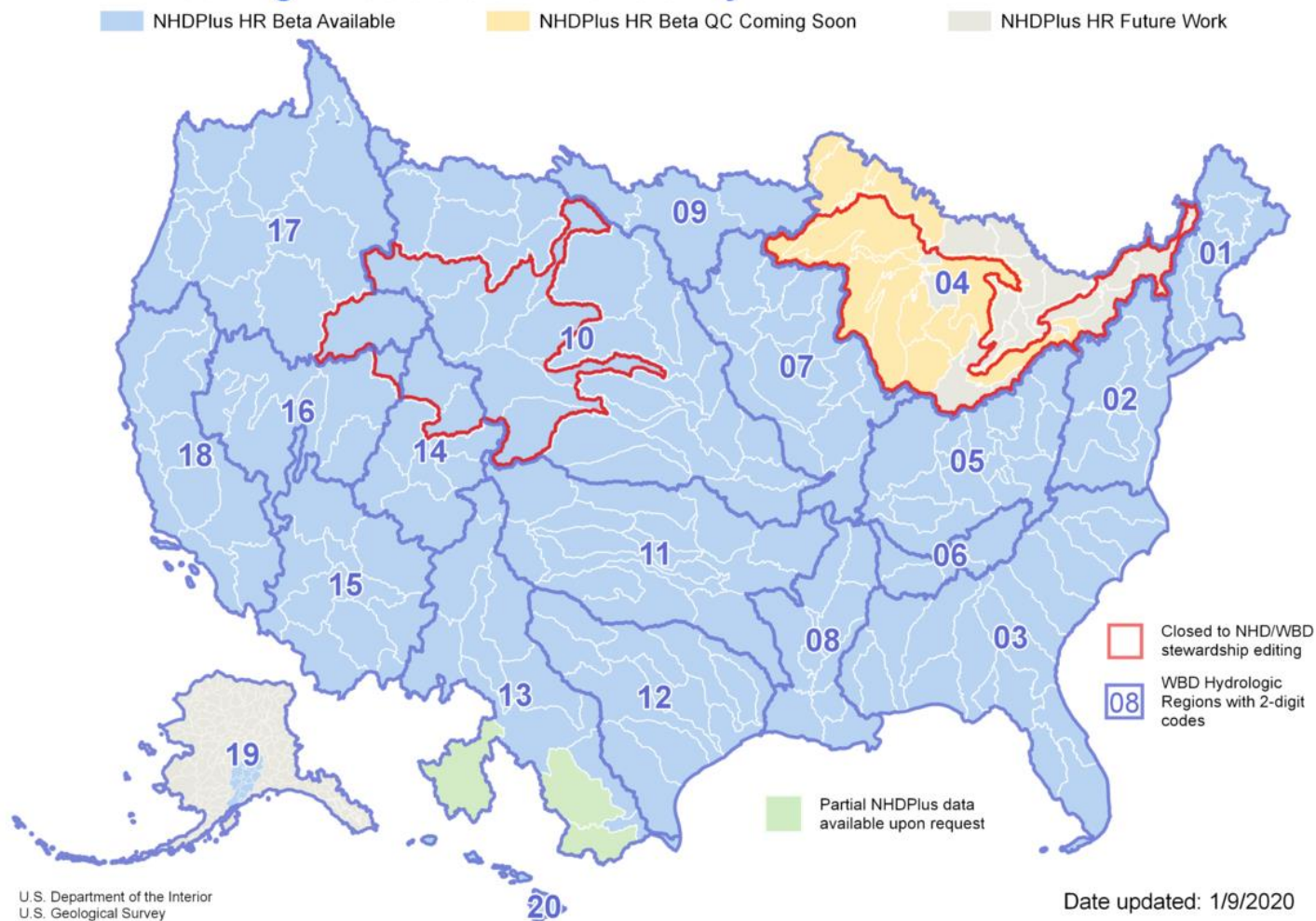
## NHD, WBD, and NHDPlus HR Status Updates

### NHDPlus High Resolution Beta Production Status

*Contact: Karen Adkins ([kadkins@usgs.gov](mailto:kadkins@usgs.gov)), Hayley Thompson ([hnthompson@usgs.gov](mailto:hnthompson@usgs.gov))*

The map below provides an overview of NHDPlus HR availability. This status map is updated frequently on the [NHDPlus HR webpage](#).

# NHDPlus High Resolution Availability



- 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.
- 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 National NHD Point of Contact (Joel Skalet, [nhd@usgs.gov](mailto:nhd@usgs.gov)) or National WBD Point of Contact (Lily Niknami, [lniknami@usgs.gov](mailto:lniknami@usgs.gov)) 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. These areas are currently open for NHD and WBD editing.

- Green areas - The NHDPlus HR Beta was produced using contributing areas in Mexico to improve the NHDPlus HR Beta along the Rio Grande River. Minimal hydrography was included in the Beta build but will be improved when the areas are refreshed. The NHDPlus HR Beta production data with minimal hydrography content is available upon request.

## WBD 4-digit Improvement Status

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

### WBD 4-digit Improvement - Work Completed

- Regions 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20 and 21
- Mexico contributing 4-digit hydrologic units in Region 13
- Region 19 (19020202, 19020301, 19020302, 19020401, 19020402, 19020501, 19020502, 19020503, 19020504, 19020505, 19020601, and 19020602, 19020800)

### WBD 4-digit Improvement - Currently in Work

- Region 19 (19020101, 19020102, 19020103, 19020104) and Region 22

### WBD 4-digit Improvement - Future Work

- Region 19 (not listed above)
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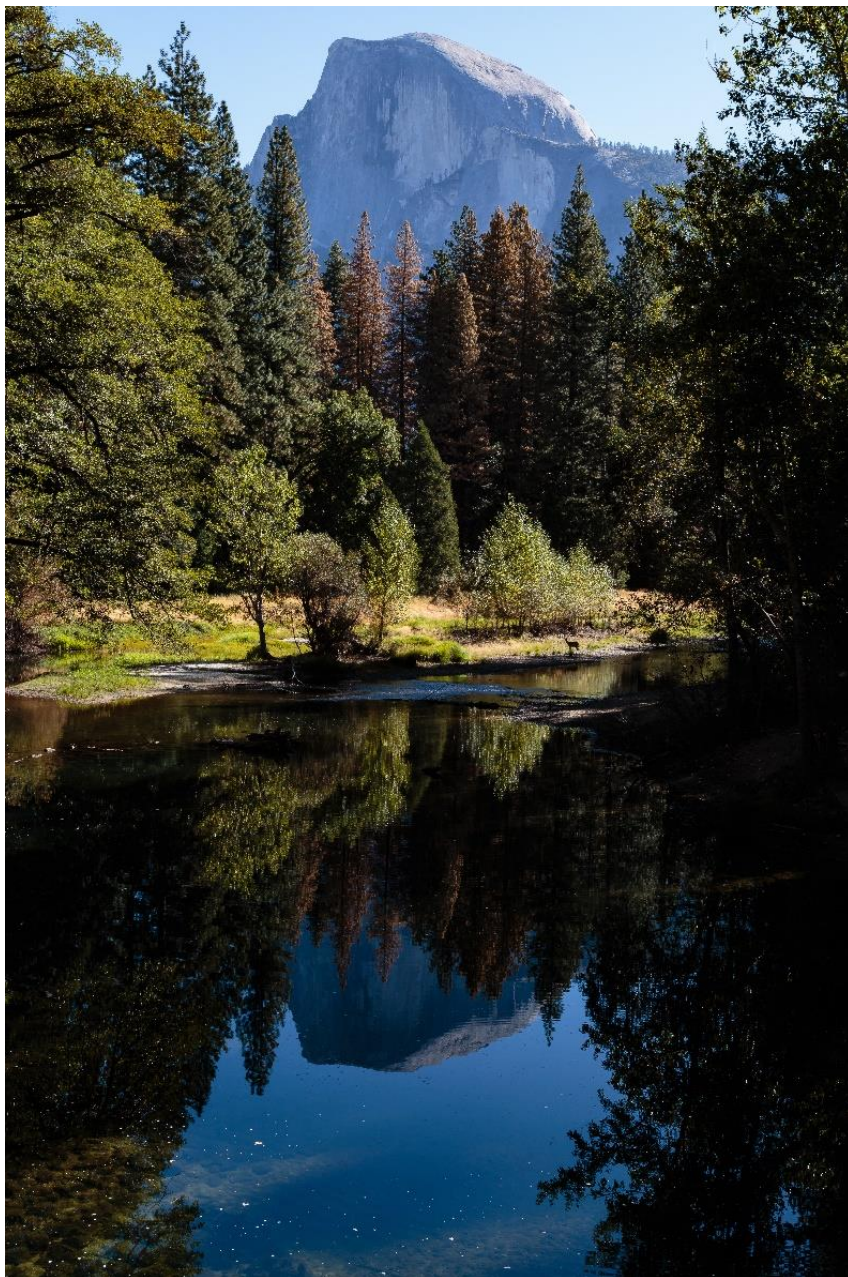


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## Photo of the Month

This photo taken by Susan Buto, shows Half Dome reflected in the Merced River (reach code 18040008000145) looking east from Sentinel Bridge, Yosemite Valley, CA.

We'd love to see photos of the hydrology near you or from your travels! Please send submissions to Alexander Jones ([ajonesi@usgs.gov](mailto:ajonesi@usgs.gov)).



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## Hydrography Quiz

Congratulations to **John Lynam** who won last month's Hydrography Quiz with the correct answer of the **Delaware River, specifically the Delaware Water Gap**. John has been the GIS Manager for the Maine Department of Environmental Protection (MEDEP) for the last year and a half. The prior 23 and half years, he worked as a GIS Programmer/Analyst supporting mostly groundwater clean-up at the MEDEP. He was originally introduced to the NHD when he attended the national stewardship kickoff meeting held by the USGS in Denver back in April 2007, as the representative for Maine. Although he has never worked as an NHD steward in Maine, he has always recognized the importance of high resolution hydrologic data to the understanding and protection of the environment in Maine and will continue to give his support to the development and improvement in the future. Thanks, John, and well done!

**Thanks to everyone else who played along:** Joseph Kerski, Jim McDonald, Trish Long, Kelsey Aho, David Duhl, and Roger Barlow.

## This Month's Quiz

By Vanessa Baez. Email your answer to Becci Anderson ([rdanderson@usgs.gov](mailto:rdanderson@usgs.gov))  
This river inspired an important 19th century American art movement. This movement consisted of a group of landscape painters, whose aesthetic vision was influenced by romanticism. Well-known artists of the school include Thomas Cole and Sanford Robinson Gifford.

On September 14, 1901, then-Vice President Theodore Roosevelt was at the official source of this river after when he received a message informing him that President William McKinley, who had been shot two weeks earlier but was expected to survive, had taken a turn for the worse...



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## Upcoming USGS Hydrography Calls, Trainings, and Meetings

To be added to the USGS Hydrography Advisory Call email list, please email [nhd@usgs.gov](mailto:nhd@usgs.gov). For information on training, please contact Joel Skalet ([nhd@usgs.gov](mailto:nhd@usgs.gov), 608-238-9333 x152). For more information on technical exchange meetings, please see the [Hydrographic Data Community \(HDC\)](#) site. For access to the HDC site, please contact Lily Niknami ([lniknami@usgs.gov](mailto:lniknami@usgs.gov)).

Date	Time	Event
Jan 28	1:00 PM ET	USGS Hydrography Advisory Call
Feb 5	12:00 PM ET	NHD Technical Exchange Meeting (TEM)

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

Marcelle Caturia, Joel Skalet, Sara Boyer, Hayley Thompson, Kimberly Jones, Karen Adkins, Hayley Thompson, Lily Niknami, Joel Skalet, Vanessa Baez, Alexander Jones, Al Rea, Sue Buto, and Becci Anderson.

### Join Our Community!

For more information, to sign up for the newsletter, or to contribute, please contact Becci Anderson, Hydrography Management and Planning Lead, at [rdanderson@usgs.gov](mailto:rdanderson@usgs.gov).

*Visit us anytime at [usgs.gov/NatHydro](http://usgs.gov/NatHydro) and follow us on Twitter @USGSNHD*

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