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PNSWSH

Service Change Notice 24-03  
National Weather Service Headquarters Silver Spring MD  
1150 AM EST Fri Jan 12 2024

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:         Mark Glaudemans, Chief  
              Water Resources Services Branch

Subject: Replacement of the Advanced Hydrologic Prediction Service (AHPS) Website with the National Water Prediction Service (NWPS) Website on or about March 27, 2024

The NWPS website will replace the AHPS website as the primary source for NWS water prediction information on or about March 27, 2024. On that date, the NWPS information will be available at the below URL, which is currently used for National Weather Service (NWS) Office of Water Prediction information that will be migrated into the new NWPS.

NWPS: <https://water.noaa.gov/> (repurposed URL)

The legacy AHPS interface, available at the URL noted below, will continue to be accessible during a subsequent two-month period ending on or around May 27, 2024. This will facilitate the user transition to NWPS before the retirement and shutdown of AHPS URL.

AHPS: <https://water.weather.gov/> (legacy URL)

The preview site for NWPS will continue to be available at the below URL through March 27, 2024, at which time it will become unavailable. Evaluation and feedback on this preview site was collected through December 15, 2023, as noted in the Public Notification Statement 23-65: [https://www.weather.gov/media/notification/pdf\\_2023\\_24/pns23-65\\_nwps\\_website\\_exp.pdf](https://www.weather.gov/media/notification/pdf_2023_24/pns23-65_nwps_website_exp.pdf)

NWPS (preview): <https://preview.water.noaa.gov/> (evaluation URL)

In the event of any Critical Weather Day (CWD) declaration, the date for this operational transition may be delayed.

Improvements to the NWPS website include, but are not limited to:

- Consolidation of information in a single geospatial mapping interface that will allow users to navigate via easy, intuitive controls to quickly access data and information.

- Ability for users to change basemaps to better highlight and explore desired features as well as display other important data layers for examining hydrologic hazards.
- Gage hydrograph views will better utilize dynamic plots generated on-demand rather than using pre-generated views, which enable faster speed and more timely data for users.
- Incorporation of the National Water Model guidance into both the spatial map display as well as the location specific hydrograph pages.
- Functionality of all display, mapping, and hydrograph will be powered by new Water API services, which are available for public/partner access to drive decision support tools.
- Experimental Flood Inundation Mapping products will be available for limited portions of the United States. These products are described in PNS 23-55: [https://www.weather.gov/media/notification/pdf\\_2023\\_24/pns23-55\\_exp\\_flood\\_inundation\\_mapping\\_services\\_aaa.pdf](https://www.weather.gov/media/notification/pdf_2023_24/pns23-55_exp_flood_inundation_mapping_services_aaa.pdf).
- Optimization of viewing on mobile devices.

For additional details on the NWPS, please see the Service Description Document (SDD) at:

[https://nsdesk.servicenowservices.com/api/g\\_noa/nwspc/res2/23c5a3231b677910ee15a7dbe54bcb3e](https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/23c5a3231b677910ee15a7dbe54bcb3e)

More information on the NWPS use is available at the bottom-left of this page: <https://www.weather.gov/owp/operations>.

For comments or questions regarding the information in this notice, please contact: [nwps.webmaster@noaa.gov](mailto:nwps.webmaster@noaa.gov).

National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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