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Public Information Statement 20-28 Updated
National Weather Service Headquarters Silver Spring MD
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From: Kate Abshire, Team Lead
 Water Resources Services Branch

Subject: Updated: Soliciting Comments on the Experimental
National Water Center Visualization Services through June 30,
2026

Updated to extend comment period through June 30, 2026, and to describe additional visualization services, terminology changes, and access to the National Water Model output.

The NWS Office of Water Prediction (OWP) is extending the comment period on an expanded suite of experimental National Water Center (NWC) Visualization Services through June 30, 2026.

The experimental NWC Visualization Services consist of geospatial representations of river network information. A description of the suite of visualizations developed by the OWP, including new and enhanced services, is provided within the NWC Visualization Services - Service Description Document (SDD) at:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/40be852247926250f6550c03e16d4312

and the updated Handbook of NWC Visualization Services at:

[https://www.weather.gov/media/owp/operations/Public Handbook NWC Visualization Services.pdf](https://www.weather.gov/media/owp/operations/Public%20Handbook%20NWC%20Visualization%20Services.pdf)

The initial comment period, which ended on December 31, 2022, provided feedback on the new, expanded, or enhanced experimental visualizations. Updates were made based on user feedback and requests (see changes made from Versions 1.0 to 2.3, as noted in Part II - Technical Details of Standards in the SDD). In general, requested enhancements and additions include additional map background overlays, as well as additional visualizations and service access to the National Water Model output.

Experimental services as described in the handbook will be publicly available to core partners and the general public for feedback. Please access these services in one of the following methods:

1. Through the National Water Center Products and Services Landing Page: <https://www.weather.gov/owp/operations> Under "NWC Visualization Services", the icon and link on this landing page provide access to:
 - a. the National GIS Map Viewer (direct access method described further below)
 - b. the Hydrologic Visualization and Inundation Services (HydroVIS) (direct access method described further below)
2. Through the NWS National GIS Map Viewer
 - a. Water Theme: <https://viewer.weather.noaa.gov/water>
3. Through the cloud-based Hydrologic Visualization and Inundation Services (HydroVIS) system through the user's own GIS application, <https://maps.water.noaa.gov/portal>, <https://maps.water.noaa.gov/server> , <https://maps.water.noaa.gov/image>

Feedback is being solicited to help refine the services and define the suite of visualizations for future operational implementation. Please provide feedback via an NWS survey at:

https://www.surveymonkey.com/r/ExpNWCVisualizationServices_2025

If you have additional questions or comments, please email:

National Water Center:
water.feedback@noaa.gov

National Public Information Statements are online at:

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

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