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Public Information Statement 20-28 Updated  
National Weather Service Headquarters Silver Spring MD  
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To:           Subscribers:  
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From:         Dr. Thomas Graziano  
              Director, Office of Water Prediction

Subject: Updated: Soliciting Comments on the Experimental National Water Center Visualization Services through December 31, 2022

Updated to extend comment period through December 31, 2022, and to add additional map background overlays and access to the National Water Model output. A terminology change from bankfull to high water is also included in this version.

The NWS Office of Water Prediction (OWP) is extending the comment period on the experimental National Water Center (NWC) Visualization Services through December 31, 2022.

The experimental NWC Visualization Services consist of geospatial representations of river network information. A description of the proposed suite of visualizations developed by the OWP, including enhancements provided in this experimental version, is available via the NWC Visualization Services - Service Description Document (SDD) at:

[https://nws.weather.gov/products/PDD/SDD\\_ExpNWCVisualizationServices\\_2022.pdf](https://nws.weather.gov/products/PDD/SDD_ExpNWCVisualizationServices_2022.pdf)

and the latest Handbook of NWC Visualization Services Version 2.0 at:

[https://www.weather.gov/media/owp/operations/Public\\_Handbook\\_NWC\\_Visualization\\_Services.pdf](https://www.weather.gov/media/owp/operations/Public_Handbook_NWC_Visualization_Services.pdf)

The prototype period for the full set of visualizations, which ended on December 1, 2021, provided feedback on the new, expanded, or enhanced prototype visualizations. Updates were made based on user feedback and requests (see changes made from versions 1.0 to 1.5, as noted in Part II - Technical Details of Standards in the SDD). In general, requested enhancements and additions include numerous additional map background overlays, service access to the National Water Model output, and terminology change from bankfull to high water.

The experimental NWC Visualization Services will be available to all River Forecast Centers, the Weather Prediction Center, and Weather Forecast Offices. Experimental services as described in the handbook will also be

publicly available to core partners and the general public for feedback. Please access these services in one of the following methods:

1. externally via the landing page:  
<https://www.weather.gov/owp/operations>
2. externally via 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>
3. externally via the experimental NWS National GIS Map Viewer:  
<https://viewer.geospatial.weather.gov/water>

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/Exp\\_NWCVisSvcs\\_2022](https://www.surveymonkey.com/r/Exp_NWCVisSvcs_2022)

If you have additional questions or comments, please email:

Water Prediction Operations Division:

[nws.nwc.ops@noaa.gov](mailto:nws.nwc.ops@noaa.gov)

National Public Information Statements are online at:

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

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