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Public Information Statement 19-29  
National Weather Service Headquarters Washington DC  
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To:           Subscribers:  
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              Other NWS partners and employees

From:         Dr. Thomas Graziano  
              Director, Office of Water Prediction

Subject: Soliciting Comments on the Experimental Water  
          Information Interface Webpage until December 31, 2019

The NWS is extending the comment period on the Experimental Water Information Interface Webpage until December 31, 2019. Please provide feedback on the Experimental Water Information Interface Webpage at:

<https://www.surveymonkey.com/r/ExpWaterInformationInterfaceWebpage>

Effective August 2016, the National Water Center (NWC) within the NWS Office of Water Prediction (OWP) began hosting water information from the National Water Model (NWM) on its Experimental Water Information Interface Webpage.

The Experimental Water Information Interface Webpage is a mapping interface that allows users to display a range of water information, such as snow depth; snow water equivalent; and the NWM output, including streamflow, streamflow anomaly, soil saturation images, and hydrograph displays, for 2.7 million river reaches depicting short-, medium-, and long-range streamflow forecasts for the contiguous United States and Hawaii.

The NWM is an hourly hydrologic analysis and forecast system that provides streamflow for 2.7 million river reaches and other hydrologic information on 1km and 250m grids. The NWM has a multi-scale, parallelized, process-based water cycle modeling capability. With the update to version 2.0, the NWM system provides multiple hydrologic analysis products and forecast output for the contiguous United States and Hawaii across a range of forecast lead times. These guidance products will be combined with other data from NOAA to provide the nation with comprehensive information on a range of water-related concerns such as snowpack, soil moisture, and potential areas of flooding.

Users will be able to view data for the contiguous United States and Hawaii via the interactive map viewer on the NWC webpage at: <http://water.noaa.gov/map>

Data sets available for display include:

- snow depth images
- snow water equivalent images
- forecast streamflow images
- forecast streamflow anomaly images
- forecast soil saturation images
- forecast precipitation images.

In addition to GIS-based displays, the mapping interface also includes hydrograph displays for 2.7 million river reaches depicting short-, medium- and long-range streamflow forecasts.

Additionally, full set of NWM output data and a subset of forcing files will be available on the National Model Archive and Distribution System (NOMADS) and NOAA's National Centers for Environmental Prediction (NCEP) FTP server at:

<http://nomads.ncep.noaa.gov/pub/data/nccf/com/nwm>

and

<ftp://ftpprd.ncep.noaa.gov/pub/data/nccf/com/nwm>

The Product Description Document for the Experimental Water Information Interface Webpage can be accessed from:

[https://nws.weather.gov/products/PDD/PDD\\_ExpWaterInformationInterfaceWebpage\\_2019.pdf](https://nws.weather.gov/products/PDD/PDD_ExpWaterInformationInterfaceWebpage_2019.pdf)

If you have questions or comments, please contact:

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National Public Information Statements are online at:

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

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