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Public Information Statement 16-29, Comments Requested
National Weather Service Headquarters Washington DC
1113 AM EDT Fri Aug 26 2016

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

Subject: Soliciting Comments on the Experimental Water
 Information Interface Webpage until February 21, 2017

Effective August 2016, the National Water Center (NWC) within the NWS Office of Water Prediction (OWP) will begin 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 including snow depth; snow water equivalent; and output from the NWM, including streamflow, streamflow anomaly, and soil saturation images and hydrograph displays for 2.7 million river reaches depicting short-, medium-, and long-range streamflow forecasts.

The NWM is an hourly uncoupled 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 provides a multi-scale, parallelized, process-based water cycle modeling capability. Upon initial implementation, the NWM system will provide multiple country-wide hydrologic analysis products and forecast output across a range of forecast lead times. These 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 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.

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, the full set of NWM output and 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>

NWS is requesting comments on the Experimental Water Information Interface Webpage until February 21, 2017.

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

https://products.weather.gov/PDD/PDD_National_Water_Model.pdf

Please provide feedback on the Experimental Water Information Interface Webpage at:

www.nws.noaa.gov/survey/nws-survey.php?code=NWMV1OUTPUT

If you have questions or comments, please contact:

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National Public Information Statements are online at:

<http://www.weather.gov/os/notif.htm>

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