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Public Information Statement
National Weather Service Headquarters Washington DC
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From: Mark Tew
 Acting Chief, Analysis and Mission Support Division

Subject: Soliciting Comments on an Experimental Full Resolution National Digital Forecast Database (NDFD) eXtensible Markup Language (XML) Web Service for the Conterminous United States (CONUS) from September 29, 2015 through February 1, 2016

Effective Tuesday September 29, 2015, and continuing through February 1, 2016, NWS will be accepting comments on an experimental full resolution National Digital Forecast Database (NDFD) eXtensible Markup Language (XML) web service:

<http://www.weather.gov/survey/nws-survey.php?code=xmlsoap25>

The experimental full resolution NDFD XML web service will be available September 29, 2014, online at:

<http://preview.weather.gov/xml/>

The experimental full resolution NDFD XML web service will provide forecasts for the Conterminous United States (CONUS) at 2.5km spatial resolution for all forecast times and at 1-hour temporal resolution for the first 36 hours from NDFD issuance time. These are the finest spatial and temporal resolutions at which CONUS Weather Forecast Offices provide forecasts. These resolutions are consistent with the current operational resolutions of NDFD provided in Gridded Binary Data Edition 2 (GRIB2) via file transfer protocol (ftp) or hypertext transfer protocol (http), and that of graphical images produced by the NDFD Map Viewer. Data will continue to be provided in parallel at coarser resolution throughout the experimental period from the operational NDFD XML web service at:

<http://graphical.weather.gov/xml/>

More information regarding the experimental full resolution NDFD XML web service is available in the Product Description Document (PDD) in the online catalog of experimental NWS products and services:

http://products.weather.gov/PDD/PDD_NDFDXML_full.pdf

After the comment period, the NWS will evaluate any comments and decide whether to proceed with operational implementation of the full resolution NDFD XML web service.

General information on accessing and using NDFD elements is online at:

<http://ndfd.weather.gov/technical.htm>

For general questions regarding NDFD data, please email:

nws.ndfd@noaa.gov

For technical questions regarding NDFD data, please contact:

David Ruth
Chief, Digital Forecast Services Branch
NOAA/NWS Office of Science and Technology Integration
Silver Spring, MD
david.ruth@noaa.gov

For questions regarding this notice, please contact:

Andy Horvitz
NWS Digital and Graphical Information Support Branch
Silver Spring, MD
andy.horvitz@noaa.gov

NDFD Public Information Notices are online at:

<http://www.weather.gov/ndfd/tins.htm>

National Public Information Statements are online at:

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

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