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PNSWSH

Service Change Notice 18-22 Updated
National Weather Service Headquarters Silver Spring MD
105 PM EDT Tue Mar 27 2018

To: Subscribers:
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From: David Novak
 Director, Weather Prediction Center

Subject: Updated: Experimental Grids for the 0.25 Inch (~6 mm) threshold of the Day 4-7 Winter Weather Outlook will Become an Operational Element in the NDFD for the CONUS: Effective on or about April 3, 2018

Updated to change effective date to April 3, 2018.

Effective on or about April 3, 2018, the experimental grids for the 0.25 inch (~6 mm) threshold of the Day 4-7 Winter Weather Outlook will become an operational element in the National Digital Forecast Database (NDFD) for the Continental United States (CONUS).

The Day 4-7 Winter Weather Outlook, produced by the NWS National Centers for Environmental Prediction (NCEP) Weather Prediction Center (WPC), is a forecast depicting the probability of winter precipitation (snow/sleet) exceeding 0.25 inches (~6 mm) water equivalent over a 24-hour period (Valid Time 12 Coordinated Universal Time (UTC) - 12 UTC).

The product is comprised of four separate grids containing the forecast for Days 4, 5, 6 and 7. The product is updated daily at approximately 0900 UTC and 1930 UTC.

More details on the Day 4-7 Winter Weather Outlook product, as well as its technical description and scientific basis, are available in the Product Description Document:

<https://nws.weather.gov/products/PDD/Day%204-7%20Winter%20Weather%20Outlook%20into%20NDFD%20PDD.pdf>

These grids will be available from NDFD in the following standard methods:

- Gridded Binary version two (GRIB2) files via Hypertext Transfer Protocol (HTTP) and File Transfer Protocol (FTP)
- Extensible Markup Language (XML) via Simple Object Access Protocol (SOAP)
- Graphics via Web browser

Users who pull NDFD elements in GRIB2 format via the Internet may need to update their procedures and scripts to access this new element.

The new files will be available for download at the following links effective on or about March 27, 2018:

GRIB2 files:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.conus/VP.004-007/ds.p24less0025.bin>

<http://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.conus/VP.004-007/ds.p24less0025.bin>

Graphics and XML services for the grids will become available Within 30 days of the release of the GRIB2 file into the NDFD.

NDFD online graphics: <http://digital.weather.gov/>

XML SOAP service: <http://preview.weather.gov/xml/>

Information on accessing and using NDFD elements is online at:

https://www.weather.gov/mdl/ndfd_data_grid

For general questions regarding NDFD data, please email:

nws.ndfd@noaa.gov

For technical questions regarding NDFD data, please contact:

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National Service Change Notices are online at:

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

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