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PNSWSH

Technical Implementation Notice 12-50
National Weather Service Headquarters Washington DC
1053 AM EDT Thu Oct 18 2012

To: Subscribers:
- Family of Services
- NOAA Weather Wire Service
- Emergency Managers Weather Information Network
- NOAAPORT
Other NWS Partners and NWS employees

From: Eli Jacks
Chief, Fire and Public Weather Services Branch

Subject: Two Operational Fire Weather Elements to be
Added to the National Digital Forecast Database for
the United States, including Alaska, Hawaii, Guam and
Puerto Rico, Effective November 27, 2012

Effective Tuesday, November 27, 2012, at 1400 Coordinated
Universal Time (UTC), the National Digital Forecast Database
(NDFD) will add Daily Maximum and Minimum Relative Humidity (RH)
operationally to for the United States, CONUS and OCONUS,
including Alaska, Hawaii, Guam and Puerto Rico. These elements
are generated from computation of the existing hourly dew point
and hourly temperature grids.

These two fire weather elements will be in the NDFD for the valid
times shown:

- Maximum Relative Humidity (Days 1-7)
- Minimum Relative Humidity (Days 1-7)

More details regarding these elements are available in the
Product Description Document (PDD) in the online catalog of NWS
products and services.

<http://products.weather.gov/>

With this implementation, these forecasts will be available from
NDFD in the standard methods:

- GRidded Binary version 2 (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: <http://graphical.weather.gov/>

Users who pull NDFD elements in GRIB2 format, either via the
internet or via the Family of Services server access service, may

need to update their procedures and scripts in order to access these elements. The GRIB2 files are online at:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/>

and

<http://weather.noaa.gov/pub/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/>

Partners and users who use the NDFD in XML via Web service or the online graphical NDFD images can use the same methods they currently use to acquire these elements.

More information about accessing and using NDFD elements is online at:

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

If November 27, 2012, is declared a critical weather day, this implementation may be postponed. In that case, users will be notified of that decision via an updated Technical Implementation Notice as far in advance as possible.

For questions regarding these products, please contact:

Heath Hockenberry
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NOAA/NWS Office of Climate, Water and Weather Services
Boise, ID
Heath.Hockenberry@noaa.gov

For general questions regarding NDFD data, please email:

NWS.NDFD@noaa.gov

For technical questions regarding NDFD data, please contact:

David Ruth
Mesoscale Prediction Branch Chief
NOAA/NWS Office of Science and Technology
Silver Spring, Maryland
David.Ruth@noaa.gov

For questions regarding this notice, please contact:

Robyn Heffernan
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Technical Implementation Notices specifically related to NDFD are online at:

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

National Technical Implementation Notices are online at:

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

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