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Technical Implementation Notice 12-50 Corrected
National Weather Service Headquarters Washington DC
822 AM EST Wed Nov 28 2012

To: Subscribers:
 -Family of Services
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

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

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

Corrected to remove the reference to Alaska Region (AR). The AR Daily Maximum/Minimum Relative Humidity elements in the National Digital Forecast Database (NDFD) will remain experimental until further notice.

Effective Tuesday, November 27, 2012, at 1400 Coordinated Universal Time (UTC), the NDFD will add Daily Maximum and Minimum Relative Humidity (RH) operationally for the United States, contiguous U.S. (CONUS) and outside the CONUS (OCONUS), including 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 gridded binary version 2 (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:

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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
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For questions regarding this notice, please contact:

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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:

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

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