NOUS41 KWBC DDHHMM CCA
PNSWSH

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 and NWS 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 will remain experimental until further
notice.

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 for the United States, CONUS and 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 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
  National Fire Weather Program Manager
  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
  Fire Weather Science and Dissemination Meteorologist
  NOAA/NWS Office of Climate, Water and Weather Services
  Boise, ID

Robyn.Heffernan@noaa.gov

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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