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PNSWSH

Technical Implementation Notice 11-19 Amended
National Weather Service Headquarters Washington DC
713 AM EST Mon Nov 5 2012

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

From: Tim McClung
          Chief, Science Plans Branch
          Office of Science and Technology

Subject: Amended: Addition of RAP products to NOAAPort: Effective November
19, 2012

Amended to reschedule the addition of products that had been delayed. The
original Technical Implementation Notice (TIN) 11-19 referred to this as
the addition of Rapid Update Cycle (RUC) products to NOAAPort, but the RUC
model has since been replaced by the Rapid Refresh model (RAP). The World
Meteorological Organization (WMO) headers remain the same as they were for
the RUC.

Effective on or around Monday, November 19, 2012, the National Centers for
Environmental Prediction (NCEP) will begin disseminating additional
products from the Rapid Refresh (RAP) model on NOAAPort and the Satellite
Broadcast Network (SBN).

Currently, RAP products on pressure levels on a 13km grid are available
out to forecast hour 12 for the 0, 3, 6 ... 21 Coordinated Universal Time
(UTC) cycles, and out to 9 hours for the 1, 2, 4, 5... 22, 23 UTC cycles.
Starting with this implementation, RAP 13km output out to forecast hour 18
will be available for all 24 cycles of the RAP.

The products will be available with WMO headers L*D*** KWBG. More details
of the WMO headers can be found at:

http://www.nco.ncep.noaa.gov/pmb/changes/rap13wmo_headers.shtml

These RAP products are currently made available on the NCEP server and can
be retrieved at:

http://www.ftp.ncep.noaa.gov/data/nccf/com/rap/prod/ or
ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/rap/prod

in files with names rap.tXXz.awp130pgrbfYY.grib2, where XX is the model
cycle and YY is the forecast hour.

NCEP urges all users to ensure their decoders can handle changes in content order, changes in the scaling factor component within the product definition section (PDS) of the gridded binary (GRIB) files, and volume changes. These elements may change with future NCEP model implementations. NCEP will make every attempt to alert users to these changes before implementation.

For questions regarding these changes, please contact:

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National Technical Implementation Notices are online at:

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

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