

NOUS41 KWBC 241840
PNSWSH

Technical Implementation Notice 11-19
National Weather Service Headquarters Washington DC
240 AM EDT Tue May 24 2011

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 Brach
 Office of Science and Technology

Subject: Addition of RUC products to NOAAPORT:
 Effective August 9, 2011

Effective on or about Tuesday, August 9, 2011, the National Centers for Environmental Prediction (NCEP) will begin disseminating additional products from the Rapid Update Cycle (RUC) model on NOAAPORT and the Satellite Broadcast Network (SBN).

Currently, RUC products on pressure levels on a 13km grid are available out to forecast hour 12 for the 0, 3, 6 ... 21 UTC cycles, and out to 9 hours for the 1, 2, 4, 5... 22, 23 UTC cycles. Starting June 9, RUC 13km output out to forecast hour 18 will be available for all 24 cycles of the RUC. In addition, three new parameters will be added for all forecast hours for all 24 hour cycles. These parameters are Planetary Boundary Layer (PBL) height, simulated composite radar reflectivity, and 0-1 km helicity.

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/ruc13wmo_headers.shtml

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

<http://www.ftp.ncep.noaa.gov/data/nccf/com/ruc/prod/>
or
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/ruc/prod>

in files with names `ruc2.tXXz.pgrb13fYY.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 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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NWS National Technical Implementation Notices are online at:

<http://www.nws.noaa.gov/os/notif.htm>

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