

NOUS41 KWBC 051520 AAA
PNSWSH

Technical Implementation Notice 11-19, Amended
National Weather Service Headquarters Washington DC
1120 AM EDT Fri Aug 5 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 Branch
Office of Science and Technology

Subject: Amended: Addition of RUC products to NOAAPORT:
Delayed until further notice

Amended to delay the implementation date until further notice
due to the need to troubleshoot network issues detected
following the NOAAPORT/SBN expansion.

Effective sometime after 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 with this implementation, 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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