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PNSWSH

Technical Implementation Notice 13-44 Amended
National Weather Service Headquarters Washington DC
952 AM EST Wed Feb 27 2014

To: Subscribers:
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 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
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From: Tim McClung
 Chief, Science Plans Branch
 Office of Science and Technology

Subject: Amended: Addition of SREF Products to NOAAPort to Support
Ensemble River Forecasts at RFCs: Effective March 26, 2014

Amended to reschedule the implementation from February 26, 2014, to March
26, 2014.

Effective on or around March 26, 2014, beginning with the 1500 Coordinated
Universal Time (UTC) model runs, the National Centers for Environmental
Prediction (NCEP) will begin disseminating additional products from the
Short-Range Ensemble Forecast (SREF) System on NOAAPort and the Satellite
Broadcast Network (SBN). These products are being added to support the
Meteorological Model Ensemble River Forecasts (MMEFS) being generated by
the Northeast, Middle Atlantic, Ohio, and Southeast River Forecast Centers
(RFCs). The MMEFS forecasts are online at:

<http://www.erh.noaa.gov/mmeefs/index.php>

The SREF products being added are the total accumulated precipitation
(ACAP) and the 2-meter AGL temperature. These SREF products will be on a
32 km Lambert Conformal grid (Grid # 221) from each of the four daily
cycles of the SREF (03, 09, 15, and 21 UTC) for forecast projections at 3-
hourly increments from 00 to 87 hours.

The data will be transmitted in gridded binary version two (GRIB2) format
with the following World Meteorological Organization (WMO) header format:

T1T2A1A2ii cccc

where:

The T1 and A2 combination specifies the forecast time (ranging from 00 to
87 hours).

If T1=L, then the forecast hour for A2 is: A=00, B=06, C=12, D=18, E=24,
F=30, G=36, H=42, I=48, J=60, K=72, L=84.

If T1=M, then the forecast hour for A2 is: B=03, E=09, H=15, K=21, L=27,

O=33, P=39, Q=45, R=51, M=54, S=57, Z=63, N=66, Z=69, Z=75, T=78, Z=81,
Z=87.

A1 = E Grid ID # 221 (North American Master Grid - Lambert Conformal)

T2 specifies the parameters as follows: E = Total Precipitation (APCP), T
= Temperature 2m above ground (TMP) ii specifies the levels as follows: 98
= surface of Earth

cccc = KWBL

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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