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PNSWSH

Technical Implementation Notice 13-44  
National Weather Service Headquarters Washington DC  
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To:       Subscribers:  
          -Family of Services  
          -NOAA Weather Wire Service  
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          -NOAAPORT  
          Other NWS Partners, Users and Employees

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

Subject:  Addition of SREF Products to NOAAPORT to Support  
          Ensemble River Forecasts at RFCs Effective  
          February 18, 2014

Effective on or around February 18, 2014, beginning with the 1500 Universal Coordinated 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. The MMEFS forecasts are online at:

<http://www.erh.noaa.gov/mmefs/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 4 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 GRIB2 format with the following 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 2 m 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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NWS National Technical Implementation Notices are online at:

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

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