

NOUS41 KWBC 171941
PNSWSH

Technical Implementation Notice 15-12
National Weather Service Headquarters Washington DC
340 PM EDT Tue Mar 17 2015

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

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

Subject: Ensemble Kernel Density Model Output Statistics added
to SBN and NOAAPORT Effective April 21, 2015

Effective on or about Tuesday, April 21, 2015, beginning with the 1200 Coordinated Universal Time (UTC) run, the Meteorological Development Laboratory will disseminate Ensemble Kernel Density Model Output Statistics (EKDMOS) guidance across the Satellite Broadcast Network (SBN) and NOAAPORT in GRIB2 format.

EKDMOS provides probabilistic guidance for sensible weather elements based on the North American Ensemble Prediction System (NAEFS). A web page outlining the EKDMOS products and the NWS server directory and file structure can be found online at:

http://www.mdl.nws.noaa.gov/~naefs_ekdmos

The grib2 products will be provided as part of the National Digital Guidance Database (NDGD). These products will continue to be available on the NWS ftp server at:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.mo.sekd/AR.conus>

for the CONUS

and:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.mo.sekd/AR.alaska>

for Alaska.

CONUS Communication Identifiers for the EKDMOS Grib2 Products

WMO HEADING ELEMENT

LEXXXX KMDL 2-Meter Temperature
LFXXXX KMDL 2-Meter Dew Point Temperature
LGXXXX KMDL Daytime Maximum Temperature
LHXXXX KMDL Nighttime Minimum Temperature

Alaska Communication Identifiers for the EKDMOS Grib2 Products

WMO HEADING ELEMENT

MEXXXX KMDL 2-Meter Temperature
MFXXXX KMDL 2-Meter Dew Point Temperature
MGXXXX KMDL Daytime Maximum Temperature
MHXXXX KMDL Nighttime Minimum Temperature

Each grib2 element and probability has a unique WMO header. The list above notes representations of the WMO headers. A complete list of EKDMOS WMO headers is available at:

http://www.mdl.nws.noaa.gov/~naefs_ekdmos/EKDMOS_WMO_Headers.pdf

For questions regarding the new EKDMOS guidance please contact:

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NWS national Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

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