

NOUS41 KWBC 171940
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
 Chief, Science Plans Branch
 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 gridded binary version two (GRIB2) format.

EKDMOS provides probabilistic guidance for sensible weather elements based
on the North American Ensemble Prediction System (NAEFS). A webpage
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.mosekd/AR.conus>

for the contiguous U.S. (CONUS) and:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.mosekd/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 World Meteorological Organization (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_ekdmoss/EKDMOS_WMO_Headers.pdf

For questions regarding the new EKDMOS guidance, please contact:

John Wagner
MDL/Silver Spring, MD
301-427-9471
john.l.wagner@noaa.gov

National Technical Implementation Notices are online at:

<https://www.weather.gov/notification/archive>

\$\$
NNNN