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PNSWSH

Technical Implementation Notice 16-32 Amended
National Weather Service Headquarters Washington DC
840 AM EDT Tue Oct 18 2016

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

From: Tim McClung, Portfolio Manager
 Office of Science and Technology Integration

Subject: Amended: Updates to Ensemble Kernel Density MOS (EKDMOS):
Effective November 15, 2016

Amended to postpone the implementation date from Thursday, November 3,
2016 to Tuesday, November 15, 2016.

Effective on or about Tuesday, November 15, 2016, beginning with the 1200
Coordinated Universal Time (UTC) run, the Meteorological Development
Laboratory will implement V2.0 of EKDMOS. Improvements made for V2.0
include:

- Updated Model Output Statistics (MOS) equations and spread-skill
equations.
- Added ~700 stations used when generating gridded products.
- Updated terrain file for the contiguous U.S. (CONUS) that is consistent
with other gridded MOS products and the Unrestricted Mesoscale Analysis
(URMA).
- Expanded domain for Alaska, which matches the domain used by the
National Blend of Models (NBM).
- Added gridded probabilistic guidance for the temperature suite of
elements for the Hawaii and Puerto Rico domains.

EKDMOS will be run at an earlier time with this implementation. Gridded
guidance for the CONUS and Alaska will be available on the Satellite
Broadcast Network (SBN) approximately 60 minutes earlier than the current
operational version:

00Z data available ~0730 UTC
12Z data available ~1930 UTC

Beginning approximately one month prior to the implementation date, users
may find parallel data for download on NOAA's Operational Model Archive
and Distribution System (NOMADS) at the following link:

<http://para.nomads.ncep.noaa.gov/pub/data/nccf/noaaport/ekd/>

Gridded guidance for Hawaii and Puerto Rico will be used as inputs into
the NBM and will not be disseminated on the SBN at this time. Gridded

binary version two (GRIB2) files will be available for download in the EKDMOS downloads folder on the MDLNET file transfer protocol (ftp) server (this server is not operationally supported):

<http://www.mdl.nws.noaa.gov/~downloads/ekd/>

Gridded images, text products and meteograms for all domains will be made available on the EKDMOS webpage (this page is not operationally supported and guidance may not be current):

http://www.weather.gov/mdl/mos_ekdmos_home

For questions regarding this change to EKDMOS guidance, contact:

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

or

Matthew Peroutka
MDL/Silver Spring, MD
301-427-9483
matthew.peroutka@noaa.gov

For questions related to the data flow, please contact:

Carissa Klemmer
NCEP Central Operations Dataflow Team
301-683-0567
ncep.list.pmb-dataflow@noaa.gov

Links to EKDMOS products and descriptions are online at:

http://www.weather.gov/mdl/mos_ekdmos_home

National Technical Implementation Notices are online at:

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

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