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PNSWSH

Technical Implementation Notice 15-51 Amended  
National Weather Service Headquarters Washington DC  
1142 AM EDT Mon Nov 9 2015

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

Subject: Amended: Changes to Ensemble Kernel Density MOS (EKDMOS):  
Effective January 6, 2016

Amended to change the implementation date from Tuesday, December 15, 2015  
to Wednesday, January 6, 2016.

Effective on or about Wednesday, January 6, 2016, beginning with the 1200 Coordinated Universal Time (UTC) run, the NWS Meteorological Development Laboratory will make changes to the output mask used for Ensemble Kernel Density Model Output Statistics (EKDMOS). This change will expand the output mask for the 2.5-km contiguous U.S. (CONUS) grid northward from its current National Digital Forecast Database (NDFD) extent to include most of the Northwest River Forecast Center basin and a buffer of 170 km elsewhere along the border with Canada. The guidance will contain a cut-off at the northern extent of the 2.5-km continental U.S. (CONUS) grid. The full northward expansion of the EKDMOS grid will not be disseminated until Advanced Weather Interactive Processing System (AWIPS) systems are configured to display the larger grid, which is anticipated to occur early next year.

A small increase in the gridded binary version two (GRIB2) file sizes will be seen in the full northward expansion of the 2.5-km CONUS grid (generally less than 10 percent) and in the cut-off grids (generally less than 5 percent).

Users can download the cut-off EKDMOS guidance for the expanded domain from the NWS ftp server at:

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

Users can view Gridded EKDMOS guidance for the expanded CONUS domain at the following link. This page is not operationally supported and guidance may not be current.

[http://www.mdl.nws.noaa.gov/~naefs\\_ekdmoss/CONUSEkdimgs\\_v1.1.php](http://www.mdl.nws.noaa.gov/~naefs_ekdmoss/CONUSEkdimgs_v1.1.php)

or download the parallel data here: <http://para.nomads.ncep.noaa.gov/>.

For questions regarding this change to EKDMOS guidance, please contact:

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Links to EKDMOS products and descriptions are online at:

[http://www.mdl.nws.noaa.gov/~naefs\\_ekdmoss](http://www.mdl.nws.noaa.gov/~naefs_ekdmoss)

National Technical Implementation Notices are online at:

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

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