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Service Change Notification 18-53 Updated
National Weather Service Headquarters Silver Spring MD
205 PM EDT Fri Jun 15 2018

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From: Jeffrey Craven
 Office of Science and Technology Integration
 Meteorological Development Laboratory

Subject: Updated: Changes to Ensemble Kernel Density MOS (EKDMOS)
 effective July 18, 2018

Updated to reflect the new implementation date of Wednesday,
July 18, 2018

Effective on or about Wednesday, July 18, 2018, beginning with the 1200 Coordinated Universal Time (UTC) model cycle time, the Meteorological Development Laboratory (MDL) will implement V2.1.1 of EKDMOS. In this version, the EKDMOS CONUS grid will be expanded to cover the offshore marine zones off the west coast of the CONUS. Direct model output from NCEP's Global Ensemble Forecast System (GEFS) and the Canadian Meteorological Centre's (CMC) Global Ensemble Prediction System (GEPS) used by EKDMOS will be updated to use 0.5 degree gridded input instead of 1.0 degree grids. Due to this change in resolution, the EKDMOS data may arrive up to 10 minutes earlier than its current time on the NWS FTP server.

Intermediate EKDMOS grids have been expanded to cover the entire National Blend of Models (NBM) CONUS grid. These grids will be made available on the Weather and Climate Operational Supercomputing System (WCOSS) for use by the NBM. This change will be transparent to users of EKDMOS data.

Beginning approximately 1 month before the implementation date, users can find parallel data to download on NOAA's Operational Model Archive and Distribution System (NOMADS) at:

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

Gridded images, text products and meteograms for all domains will continue to be available on the EKDMOS web page. This page is not operationally supported and guidance may not be current:

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

In the event that the implementation date is declared a Critical Weather Day or significant weather is occurring or forecast to occur, an updated notice will be sent with the new projected implementation date.

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.weather.gov/mdl/ekdmoss_home

NWS national Service Change Notices are online at:

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

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