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PNSWSH

Technical Implementation Notice 15-52 Amended
National Weather Service Headquarters Washington DC
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From: Tim McClung
Portfolio Manager
Office of Science and Technology Integration

Subject: Amended: Changes to 2.5-km GFS-based Gridded MOS
guidance for the CONUS effective January 6, 2016

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

On or about Wednesday, January 6, 2016, beginning with the 1200
Coordinated Universal Time (UTC) model run, the NWS
Meteorological Development Laboratory (MDL) will implement a
minor change to the 2.5-km Global Forecast System (GFS)-based
Gridded MOS guidance over the continental U.S. During a previous
MOS upgrade in January 2015, a bug was introduced which caused
all mesonet stations to drop out of the analysis for temperature
and wind elements. This bug resulted in a noticeable degradation
of the Gridded MOS guidance especially in areas of terrain over
the western U.S.

This update will reincorporate between 450-600 mesonet stations
(depending on season) into the Gridded MOS analysis dropped in
the January upgrade, resulting in improved terrain detail and
overall improved quality of the guidance. Additional mesonet
stations will be introduced into the analysis in a future
upgrade after retuning efforts are completed.

Beginning approximately 1 month prior to the implementation
date, users may find parallel data for download on NOAA's
Parallel Operational Model Archive and Distribution System
(NOMADS) at the following link:

<http://para.nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/para>

For questions regarding the changes to GFS-based Gridded MOS
guidance for the CONUS please contact:

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For questions regarding the data flow, please contact:

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A Web page outlining the gridded MOS guidance can be found at:

<http://www.nws.noaa.gov/mdl/synop/gmos.php>

Links to MOS products and descriptions are online at:

<http://www.nws.noaa.gov/mdl/synop>

NWS national Technical Implementation Notices are online at:

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

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