

NOUS41 KWBC 091542 AAA  
PNSWSH

Technical Implementation Notice 15-52 Amended  
National Weather Service Headquarters Washington DC  
1142 AM EDT Mon Nov 9 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, 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. (CONUS). 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 one 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:

Phil Shafer  
MDL/Silver Spring, MD  
301-427-9488  
[phil.shafer@noaa.gov](mailto:phil.shafer@noaa.gov)

or

Matthew Peroutka  
MDL/Silver Spring, MD  
301-427-9483  
[matthew.peroutka@noaa.gov](mailto:matthew.peroutka@noaa.gov)

For questions regarding the data flow, please contact:

Carissa Klemmer  
NCEP Central Operations  
301-683-0567  
[ncep.list.pmb-dataflow@noaa.gov](mailto:ncep.list.pmb-dataflow@noaa.gov)

A webpage 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>

National Technical Implementation Notices are online at:

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

NNNN