

NOUS41 KWBC 271805
PNSWSH

Service Change Notification 19-28
National Weather Service Headquarters Silver Spring MD
205 PM EDT Wed Mar 27 2019

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

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

Subject: Termination of the Gridded Model Output Statistics
 (GMOS/MOSGuide) on or about November 5, 2019

The Meteorological Development Laboratory (MDL) will terminate the dissemination of all Gridded Model Output Statistics (GMOS) products for the CONUS, Alaska and Hawaii domains on or about Tuesday, November 5, 2019, after the 1200 UTC model cycle time. Public Information Statement 18-31, soliciting comments on this action, was disseminated on November 6, 2018:

https://www.weather.gov/media/notification/pdfs/pns18-31terminate_gefsmos_gmos.pdf

Gridded MOS (GMOS/MOSGuide) takes the Global Forecast System-based MOS (GFS MOS) station forecasts and analyzes them onto a grid. GMOS is used as an input to the National Blend of Models (NBM) and will continue to be generated for use in the NBM. All public dissemination of the GMOS product will be terminated, including https://www.weather.gov/mdl/gmos_home and subsequent links therein, SBN/NOAAPORT, and tgftp. Dissemination of the station-based GFS MOS product will continue with no changes.

Headers for the GMOS products to be terminated over the CONUS can be found in the following document:

<http://www.nws.noaa.gov/mdl/synop/gmos/gmos2p5headers.pdf>

Likewise, GMOS headers for Alaska can be found in:

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

For Hawaii, the GMOS headers are:

WMO HEADING:	ELEMENT:
LBSXXX KWBQ	Wind Direction
LCSXXX KWBQ	Wind Speed
LDSXXX KWBQ	12-Hour Probability of Precipitation
LESXXX KWBQ	2-Meter Temperature
LFSXXX KWBQ	2-Meter Dew Point Temperature
LGSXXX KWBQ	Daytime Maximum Temperature
LHSXXX KWBQ	Nighttime Minimum Temperature
LRSXXX KWBQ	Relative Humidity
LUSXXX KWBQ	6-Hour Probability of Precipitation
LWSXXX KWBQ	Wind Gusts

Technical Implementation Notice for Hawaii GMOS sent
October 4, 2010:

http://www.nws.noaa.gov/mdl/synop/tin/txt/tin10-27gmos_aab.txt

All GMOS headers will be terminated. Therefore, data will stop
populating on NWS Web Services in the following directories:

<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.mosgfs/>

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

<https://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.mosgfs/>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.mosgfs/>

GMOS users are encouraged to use the NBM products.

https://www.weather.gov/mdl/nbm_home

NBM grid files are available from the following locations:

<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.blend/>

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

The Service Change Notice for the currently-operational NBM Version 3.1 provides more information:

<https://www.weather.gov/media/notification/pdfs/scn18-78nbmaac.pdf>

For questions concerning these changes to the GMOS guidance, please contact:

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For questions related to the data flow, please contact:

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NWS National Service Change Notices are available online at:

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

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