

NOUS41 KWBC 311150 AAA
PNSWSH

Service Change Notification 19-28 Updated
National Weather Service Headquarters Silver Spring MD
750 AM EDT Thu Oct 31 2019

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

Subject: Update: Termination of the Gridded Model Output
 Statistics (GMOS/MOSGuide) on or about December 17, 2019

Updated to change the termination date from November 5, 2019, to
December 17, 2019. Also updated to change the tgftp links to
NOMADS in reference to locations of National Blend of Models files.

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, December 17, 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

SCN for Hawaii GMOS from 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://nomads.ncep.noaa.gov/pub/data/nccf/com/blend/prod/>
<https://nomads.ncep.noaa.gov:9090/dods/blend>

The SCN 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:

Jeffrey Craven
MDL/Silver Spring, Maryland
301-427-9475
Jeffrey.Craven@noaa.gov

For questions related to the data flow, please contact:

Carissa Klemmer
NCEP Central Operations
301-683-0567
ncep.list.pmb-dataflow@noaa.gov

NWS national Service Change Notices are available online at:

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

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