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PNSWSH

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

To: Subscribers:
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 -Emergency Managers Weather Information Network
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From: Jeffrey Craven
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 Meteorological Development Laboratory

Subject: Updated: 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 the NOAA Operational Model Archive and Distribution System (NOMADS) in reference to locations of National Blend of Models (NBM) files.

The Meteorological Development Laboratory (MDL) will terminate the dissemination of all Gridded Model Output Statistics (GMOS) products for the contiguous U.S. (CONUS), Alaska and Hawaii domains on or about Tuesday, December 17, 2019, after the 1200 Coordinated Universal Time (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), Satellite Broadcast Network (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
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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
LSRXXX KWBQ	Relative Humidity
LUSXXX KWBQ	6-Hour Probability of Precipitation
LWSXXX KWBQ	Wind Gusts

Please see the Technical Implementation Notice (TIN) 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 Service Change Notice (SCN) for the currently-operational NBM version 3.1 provides more information:

https://www.weather.gov/media/notification/pdfs/scn18-78nbm_aac.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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National Service Change Notices are online at:

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

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