

NOUS41 KWBC 061945
PNSWSH

Public Information Statement 18-31
National Weather Service Headquarters Washington DC
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From: Jeffrey Craven
 NWS Office of Science and Technology Integration
 Meteorological Development Laboratory

Subject: Soliciting comments on the termination of the Global Ensemble Forecast System (GEFS) Model Output Statistics Statistics (MOS) product (MEN) and Gridded MOS (GMOS/MOSGuide) through December 31, 2018

MDL is soliciting comments on the proposed termination of GEFS MOS and Gridded MOS. MDL currently plans to sunset these products by Quarter 4 of FY19. We are collecting comments on the removal of these products through Monday, December 31, 2018.

GEFS MOS (MOS Ensemble; MEN) is a legacy ensemble product that has not been updated in more than 10 years. The system on which it runs is scheduled to be deactivated. MDL currently has no plans to upgrade this product to run on a new platform.

The GEFS MOS text products are disseminated with the following headers:

FEPA20 KWNO MEXPA0
FEUS21 KWNO MEXNE1
FEUS22 KWNO MEXSE1
FEUS23 KWNO MEXNC1
FEUS24 KWNO MEXSC1
FEUS25 KWNO MEXRM1
FEUS26 KWNO MEXWC0
FEAK37 KWNO MEXAJK
FEAK38 KWNO MEXAFC
FEAK39 KWNO MEXAFG

Users of the GEFS MOS product are encouraged to use Ensemble Kernel Density MOS (EKDMOS) text products:
https://www.weather.gov/mdl/ekdmos_home

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. MDL

is seeking comment on the termination of dissemination of GMOS.

Headers for GMOS as currently disseminated over the CONUS can be found in the following document:

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

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
LSRXXX KWBQ	Relative Humidity
LUSXXX KWBQ	6-Hour Probability of Precipitation
LWSXXX KWBQ	Wind Gusts

See the following notice for Hawaii GMOS from October 4, 2010:

<https://www.weather.gov/media/notification/tins/tin10-27gmos.pdf>

GMOS users are encouraged to use the NBM products:

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

Please send comments or questions concerning these changes to the GEFS MOS and GMOS guidance to:

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

National Public Information Statements are available online at:

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

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