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PNSWSH

Technical Implementation Notice 13-22 Amended  
National Weather Service Headquarters Washington DC  
1055 AM EDT Fri Oct 25 2013

To:           Subscribers:  
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              Other NWS Partners, Users and Employees

From:         Tim McClung  
              Chief, Science Plans Branch  
              Office of Science and Technology

Subject: Amended: New GFS MOS Total Sky Cover and Ceiling Guidance for  
Island Locations in the Tropical Western Pacific: Effective November 5,  
2013

Amended to change the implementation date from October 22, 2013 to  
November 5, 2013.

On Tuesday, November 5, 2013, beginning with the 1200 Coordinated  
Universal Time (UTC) model cycle, the NWS Meteorological Development  
Laboratory (MDL) will make available new Global Forecast System (GFS)  
Model Output Statistics (MOS) total sky cover and ceiling guidance for 15  
stations in the Pacific Ocean to the west of the Hawaiian Islands for  
short range projections. This guidance will be added to the existing  
products in text (MAV) and Binary Universal Form for the Representation of  
meteorological data (BUFR) messages. The communication identifiers are  
shown below in Tables 1 and 2.

Table 1. Communication Identifiers for the Hawaii GFS MOS Text and BUFR  
Products

WMO Heading	AWIPS ID	Message Type
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FOPA20 KWNO	MAVPA0	Text
JSMT20 KWNO	N/A	BUFR

Total sky cover and ceiling guidance will be made available for these two  
stations in the Hawaii GFS MOS messages:

NSTU   Pago Pago, American Samoa  
PMDY   Midway Island

Table 2. Communication Identifiers for GFS-based MOS Text and BUFR Products Valid for Island Stations to the West of the International Date Line

WMO Heading	AWIPS ID	Message Type
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FOPA21 KWNO	MAVPA1	Text
JSML38 KWNO	N/A	BUFR

Total sky cover and ceiling guidance will be made available for these 13 stations in the tropical western Pacific Ocean, to the west of International Date Line:

PGRO Rota International Airport/Rota Island, Mariana Islands  
PGSN Saipan, Mariana Islands  
PGUA Andersen Air Force Base (AFB), Guam  
PGUM Guam International Airport, Guam  
PGWT West Tinian, Northern Mariana Islands  
PKMR Majuro Atoll Weather Service Office (WSO), Marshall Islands  
PKWA Kwajalein, Marshall Islands  
PTKK Chuuk, Micronesia  
PTKR Koror, WSO, Palau  
PTSA Kosrae, Micronesia  
PTTP Pohnpei, WSO, Micronesia  
PTYA Yap, Micronesia  
PWAK Wake Island

The complete GFS MOS station list is online at:

<http://www.nws.noaa.gov/mdl/synop/stadrg.php>

A technical document describing the format of the tropical western Pacific Ocean MOS guidance is available from the Technical Procedure Bulletins hosted on publications page listed at the URL below:

<http://www.nws.noaa.gov/mdl/synop/smbpublications.php>

For questions regarding the Pacific MOS product, please contact:

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Links to the 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>

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