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From: Tim McClung
Science Plans Branch Chief
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

<table>
<thead>
<tr>
<th>WMO HEADING</th>
<th>AWIPS ID</th>
<th>MESSAGE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOPA20 KWNO</td>
<td>MAVPA0</td>
<td>TEXT</td>
</tr>
<tr>
<td>JSMT20 KWNO</td>
<td>N/A</td>
<td>BUFR</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>WMO HEADING</th>
<th>AWIPS ID</th>
<th>MESSAGE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOPA21</td>
<td>KWNO</td>
<td>MAVPA1</td>
</tr>
<tr>
<td>JSML38</td>
<td>KWNO</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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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MDL/Silver Spring, MD
301-713-0023, Ext. 139
james.su@noaa.gov

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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