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From:     Mark B. Miller
Director, Surface and Upper Air Division
Office of Observations

Subject:  Updated:  To include datum information for Koror.  NWS
Upper Air Station in Koror, Palau, to Use GPS Lockheed
Martin LMS-6 403 MHz Radiosonde with the Lockheed
Martin Groundstation (LMG) starting on or about August
11, 2018.

This SCN is updated to provide the datum information of the new
Upper Air release point at Koror in the Republic of Palau.  Also
included is the datum information for the Weather Service Office
(WSO) at Koror.

Twice daily synoptic Upper Air observations began at Koror on
August 13, 2018, utilizing the Lockheed Martin Groundstation
(LMG) system and the Lockheed Martin LMS-6 GPS 403 MHz
radiosonde.  The World Meteorological Organization (WMO)
Radiosonde Identification Code for the 403 MHz LMS-6 Radiosonde
is 11.  With this new system, there will be a reduction in
significant levels generated due to differing significant level
criteria; however WMO criteria will still be met.  This change
follows the termination of Radiosonde Replacement System (RRS)
radiosonde observations.

No missed observations occurred during the equipment transition.
This office will continue to use the new radiosonde until
further notice.  The change of systems was required due to the
move of the Koror, Palau office.  As part of this move, the
observation release point and office locations were changed.

The datum record for this station was updated when a thorough
survey was conducted upon completion of the facility move.

Please update your metadata files for these new coordinates as
soon as possible so Upper Air derived products will not give
erroneous information for data compiled August 13, 2018, and
after.

Table 1.  Upper Air Release Point Datum
<table>
<thead>
<tr>
<th>STN NAME</th>
<th>WMO NO.</th>
<th>STN ID</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>ELEVATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOROR</td>
<td>91408</td>
<td>PTKR</td>
<td>7.368589N</td>
<td>134.541454E</td>
<td>52.948 M</td>
</tr>
</tbody>
</table>

Table 2. WSO Koror Facility Datum

<table>
<thead>
<tr>
<th>WSO NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>ELEVATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOROR</td>
<td>7.368695N</td>
<td>134.541151E</td>
<td>53.145 M</td>
</tr>
</tbody>
</table>

If you have any questions regarding the change, contact:

Hiram Escabi, Jr., NCE, CET
Upper Air Program Manager
NWS Program Management Branch W/OBS31
Silver Spring, Maryland 20910
Phone: 301-427-9195
Email: hiram.escabi@noaa.gov

NWS Service Change Notices are online at:
https://www.weather.gov/notification/