

NOUS41 KWBC 101320 AAA
PNSWSH

Service Change Notice 18-70 Updated
National Weather Service Headquarters Silver Spring MD
920 AM EDT Mon Sep 10 2018

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

Subject: Updated: 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

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

STN Name	WMO NO.	STN ID	Latitude	Longitude	Elevation
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Koror	91408	PTKR	7.368589N	134.541454E	52.948 M

Table 2. WSO Koror Facility Datum

WSO Name	Latitude	Longitude	Elevation
Koror	7.368695N	134.541151E	53.145 m

If you have any questions regarding the change, contact:

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