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PNSWSH

Service Change Notice 22-39 Updated
National Weather Service Headquarters Silver Spring MD
130 PM EDT Fri May 6 2022

To: Subscribers:
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From: Captain James Crocker, NOAA
 Director, Surface and Upper Air Division
 Office of Observations

Subject: Updated: Transition of the Radiosonde Replacement System (RRS)
to the 403 MHz Manual Radiosonde Observation System (MROS) at Seven Upper
Air Sites in May 2022

Updated to include two additional sites to transition to MROS: Tiyan,
Guam, and Koror, Palau.

The National Weather Service will convert five Upper Air sites to Manual
Radiosonde Observation System (MROS) 403 MHz operations in May 2022.
Transition will occur on or about the MROS Start date indicated:

Upper Air Site	WMO ID	STN ID	MROS Start	MROS Sonde
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Flagstaff, AZ	72376	KFGZ	May 16, 2022	GRAW DFM-17
Key West, FL	72201	KKEY	May 16, 2022	Vaisala RS41-NG
Tiyan, Guam	91212	PGUM	May 16, 2022	Vaisala RS41-NG
Koror, Palau	91408	PTKR	May 23, 2022	Vaisala RS41-NG
Gaylord, MI	72634	KAPX	May 23, 2022	GRAW DFM-17
Upton, NY	72501	KOKX	May 23, 2022	GRAW DFM-17
Tucson, AZ	72274	KTWC	May 23, 2022	GRAW DFM-17

During the transition period of up to 30 days, dual radiosonde flights
may be performed until the MROS is declared operational for the regularly
scheduled observations of 00 Coordinated Universal Time (UTC) and 12 UTC.

For additional information on the message requirements, see World
Meteorological Organization (WMO) 306 Manual on Codes (International
Codes):

- Volume I.1 Part A - Alphanumeric Codes
- Volume I.2 Part B - Binary Codes
- Volume II Regional Codes and National Coding Practices (WMO Region IV)

If you have questions or feedback, please contact:

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A complete list of Upper Air radiosonde types and ground equipment can be found at:

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

National Service Change Notices are online at:

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

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