

NOUS41 KWBC 061730 AAA  
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      |
|----------------|--------|--------|--------------|-----------------|
| -----          | -----  | -----  | -----        | -----           |
| 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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