

NOUS41 KWBC 081450
PNSWSH

Service Change Notice 21-93
National Weather Service Headquarters Silver Spring MD
950 AM EST Mon Nov 8 2021

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

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

Subject: Transition of the Radiosonde Replacement System (RRS) to the 403
MHz Manual Radiosonde Observation System (MROS) at Five Upper Air Sites
in December 2021

The National Weather Service will convert five Upper Air sites to Manual
Radiosonde Observation System (MROS) 403 MHz operations in December 2021.
Transition will occur on or about the MROS Start date indicated:

Upper Air Site	WMO ID	STN ID	MROS Start	MROS Sonde
-----	-----	-----	-----	-----
Birmingham, AL	72230	KBMX	December 6, 2021	GRAW DFM-17
Boise, ID	72681	KBOI	December 6, 2021	Vaisala RS41-NG
Morehead City, NC	72305	KMHX	December 6, 2021	GRAW DFM-17
Tiyan, Guam	91212	PGUM	December 6, 2021	Vaisala RS41-NG
North Platte, NE	72562	KLBF	December 13, 2021	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:

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

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

<https://www.ops1.nws.noaa.gov/Secure/upperair.html>

National Service Change Notices are online at:

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

NNNN