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PNSWSH

Service Change Notice 22-45  
National Weather Service Headquarters Silver Spring MD  
230 PM EDT Fri May 13 2022

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

Subject: Transition of the Radiosonde Replacement System (RRS) and Transitional Radiosonde Observing System (TROS) to the 403 MHz Manual Radiosonde Observation System (MROS) at Eight Upper Air Sites in June 2022

The National Weather Service will convert eight Upper Air sites to Manual Radiosonde Observation System (MROS) 403 MHz operations in June 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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San Juan, PR	78526	KSJU	June 13, 2022	Vaisala RS41-NG
Davenport, IA	74455	KDVN	June 13, 2022	GRAW DFM-17
Great Falls, MT	72776	KTFX	June 13, 2022	GRAW DFM-17
Gray/Portland, ME	74389	KGYX	June 20, 2022	GRAW DFM-17
Caribou, ME	72712	KCAR	June 27, 2022	GRAW DFM-17
Medford, OR	72597	KMFR	June 27, 2022	Vaisala RS41-NG
Miami, FL	72202	KMFL	June 27, 2022	Vaisala RS41-NG
International Falls, MN	72747	KINL	June 27, 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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