Service Change Notice 21-98
National Weather Service Headquarters Silver Spring MD
330 PM EDT Thu Dec 2 2021

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- Emergency Managers Weather Information Network
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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) to the
403 MHz Manual Radiosonde Observation System (MROS) at Nine
Upper Air Sites in January 2022

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

<table>
<thead>
<tr>
<th>UPPER AIR SITE</th>
<th>WMO ID</th>
<th>STN ID</th>
<th>MROS START</th>
<th>MROS SONDE</th>
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<tbody>
<tr>
<td>Elko, NV</td>
<td>72582</td>
<td>KLKN</td>
<td>03 JAN 2022</td>
<td>GRAW DFM-17</td>
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<tr>
<td>Midland/Odessa, TX</td>
<td>72265</td>
<td>KMAF</td>
<td>03 JAN 2022</td>
<td>GRAW DFM-17</td>
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<td>Riverton, WY</td>
<td>72672</td>
<td>KRIW</td>
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<td>Salt Lake City, UT</td>
<td>72572</td>
<td>KSLC</td>
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<td>Sterling, VA</td>
<td>72403</td>
<td>KLWX</td>
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<td>VAISALA RS41-NG</td>
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<td>Greensboro, NC</td>
<td>72317</td>
<td>KGSO</td>
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<td>Lincoln, IL</td>
<td>74560</td>
<td>KILX</td>
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<td>GRAW DFM-17</td>
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<td>KFFC</td>
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<td>GRAW DFM-17</td>
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<td>Tallahassee, FL</td>
<td>72214</td>
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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 00Z and 12Z.

For additional information on the message requirements, see 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/](https://www.weather.gov/upperair/)

NWS Service Change Notices are online at: [https://www.weather.gov/notification/](https://www.weather.gov/notification/)

NNNN