

NOUS41 KWBC 251105  
PNSWSH

Service Change Notice 19-50  
National Weather Service Headquarters Silver Spring MD  
705 AM EDT Tue Jun 25 2019

TO:           Subscribers:  
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FROM:         Mark B. Miller  
              Director, Surface and Upper Air Division  
              Office of Observations

SUBJECT:      Transition of Manual Radiosonde Observations to Automated  
              Radiosonde Observations at McGrath, Alaska, on or after  
              June 25, 2019

Effective on or after June 25, 2019, radiosonde observations (RAOB) from McGrath, AK, WMO# 70231, Station ID PAMC, will be transitioned from the manually launched Lockheed Martin 1680 MHz LMS6 radiosonde to the Vaisala 403 MHz RS41-SGPA radiosonde using the Vaisala Autosonde as the launch vehicle.

During the transition period of up to 30 days, dual radiosonde flights may be performed until the Vaisala Autosonde System is declared operational for the regularly scheduled observations of 00Z and 12Z.

Messages from the Vaisala Autosonde currently do not contain the following components: RADAT, High Res BUFR, NCEI archive format. NWS will implement a software update later in 2019 to produce these data.

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)

A follow up Service Change Notice will be issued when the above stated software update is implemented and the Autosonde RAOB products contain these components.

If you have questions or feedback, please contact:

Hiram Escabi, Jr., NCE, CET  
Upper Air Program Manager  
NWS Program Management Branch  
Silver Spring, MD  
301-427-9195

[hram.escabi@noaa.gov](mailto:hram.escabi@noaa.gov)

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