

NOUS41 KWBC 102020
PNSWSH

Service Change Notice 19-77
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
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 -Emergency Managers Weather Information Network
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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 Cold Bay, Alaska on or about September 29,
2019

Effective on or about September 29, 2019, radiosonde observations (RAOB)
from Cold Bay, AK, World Meteorological Organization (WMO) # 70316,
Station ID PACD, 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 0000 Coordinated
Universal Time (UTC) and 1200 UTC.

Messages from the Vaisala Autosonde currently do not contain the
following components: Freezing Level data (RADAT), High Resolution Binary
Universal Form for the Representation of meteorological data (BUFR),
National Centers for Environmental Information (NCEI) archive format. A
software update will be implemented in 2019 that will 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 (SCN) 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:

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