

NOUS41 KWBC 031815 AAA
PNSWSH

Service Change Notice 20-12 Updated
National Weather Service Headquarters Silver Spring MD
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From: Captain James Crocker
 Acting Director, Surface and Upper Air Division
 Office of Observations

Subject: Updated: Transition of Manual Radiosonde Observations to
Automated Radiosonde Observations at San Diego, California on or about
February 29, 2020

Updated to report the properly formatted Vaisala Autosonde Freezing Level
data (RADAT) and National Centers for Environmental Information (NCEI)
Archive products were implemented on May 20, 2020. In addition, this
update also corrects the model type to read Vaisala 403 MHz RS92, for the
radiosonde that had been manually launched.

Effective on or about February 29, 2020, radiosonde observations (RAOB)
from San Diego, California, World Meteorological Organization (WMO) #
72293, Station ID KNKX, have been transitioned from the manually launched
Vaisala 403 MHz RS92 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.

The RADAT and NCEI archive messages are imperfect due to improper
formatting. The NWS will issue a Service Change Notice when this software
update is implemented and the Autosonde RAOB products contain these
components.

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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