

NOUS41 KWBC 051845 AAA
PNSWSH

Service Change Notice 17-88 Updated
National Weather Service Headquarters Silver Spring MD
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From: Christine Brunner
 Acting Chief, Weather Information Distribution Services (WIDS)

Subject: Updated: Decommissioning of the Centralized Automated Data
Acquisition System: Effective March 30, 2018

Updated to modify the effective date from December 15, 2017, to March 30,
2018 and to update location list to note those that have completed the
retrofit.

Effective on or about March 30, 2018 at 1800 Coordinated Universal Time
(UTC), the Radiosonde Replacement System (RRS) Products from Centralized
Automated Data Acquisition System (CADAS) will no longer be produced and
disseminated. The system will be decommissioned. The following
observation locations currently collected by CADAS are being retrofitted
to use the Geostationary Operational Environmental Satellite Data
Collection System (GOES DCP):

CNDN6 - Canandaigua, NY (completed)
HFEW2 - Harpers Ferry, WV
WLLM2 - Williamsport, MD
WRRV2 - Waynesboro, VA (completed)
WRNO1 - Warren, OH (completed)
DALV2 - Dale Enterprise, VA (completed)
CPBO1 - Napoleon on the Maumee, OH (completed)
DEFO1 - Maumee River at Defiance, OH
BBOW3 - Baraboo River - West Baraboo, WI (completed)
JFFW3 - Rock River - Jefferson, WI (completed)
RSPW3 - Baraboo River - Rock Springs, WI (completed)

Date and time these sites will be retrofitted is to be determined. Once
retrofitted and operational, the observed data will become available via
the Hydrometeorological Automated Data Systems (HADS) produced nnn/RRS
products (same World Meteorological Organization (WMO) header and RRSxxx
headers as used with CADAS). This will improve the reliability of the
data for these forecast locations.

Example of current CADAS RRS product with a site to be retrofitted:

```
SRUS47 KWOH 291720 RRSLWX
: && CADAS SOR-LWX
: && CADAS Products originate from the CADAS system and are not
distributed by HADS
.A HFEW2 170629 DH1715/HGIRP 3.5
: END OF REPORT
```

Example of a HADS product with the same site retrofitted:

```
SRUS47 KWOH 291719
RRSLWX
:&&HADS SOR REPORT FOR USER LWX
.A HFEW2 20170629 DH1715/HGIRG 3.50
:END OF REPORT
```

Note: The Standard Hydrologic Exchange Format (SHEF) code type-source will change from RP to RG because the readings source will change from phone to Geostationary Orbiting Environmental Satellite (GOES). There will likely be an increase of data available with each GOES transmission and if so, the .A SHEF encoded message will become a .E and be followed by more data values.

An example of a retrofitted site with more data values:

```
SRUS47 KWOH 291719
RRSLWX
:&&HADS SOR REPORT FOR USER LWX
.A HFEW2 20170629 DH1630/HGIRG/DIN15/3.49/3.50/3.50/3.50
:END OF REPORT
```

The metadata and processed data for these sites will also become available via the HADS website, <https://hads.ncep.noaa.gov>.

For more information on this change or sites no longer to be collected by CADAS, please contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/archive>
NNNN