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Service Change Notice 26-90
National Weather Service Headquarters Silver Spring MD
940 AM EDT Tue Oct 6, 2026

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From: Timothy Greten
Director, NWS Office of Observations

Subject: Station reporting changes in GOES-R ASOS Satellite Cloud Products on September 3, 2026

On September 3, 2026, the National Environmental Satellite, Data, and Information Service (NESDIS) adjusted how selected Northeastern U.S. ASOS stations are assigned to the GOES-R Automated Surface Observing System (ASOS) Satellite Cloud Products (ASOS SCPs). The National Weather Service (NWS) transmits these products across NOAAPort.

For numerous stations reported in the ASOS SCPs, two independent cloud-cover estimates are produced, one derived from the GOES-East Advanced Baseline Imager (ABI) and one from the GOES-West ABI. This results in two cloud-cover reports per station. Of these stations reported by both satellites, some far-Northeastern U.S. stations lie beyond the GOES-West satellite Local Zenith Angle (LZA) 80-degree boundary and have reduced view quality from GOES-West.

Selected Northeastern stations will now be reported only once by GOES-East, the closer satellite with a better view of these stations.

Stations in the following states/territories will now only be reported singly (i.e., from one satellite, GOES East).

- Maine
- Massachusetts
- New Hampshire
- Connecticut
- Rhode Island
- Vermont
- New York
- New Jersey

Stations in the following states/territories are already reported only once, and will continue to be reported singly.

GOES-East:

- Southern Florida (Keys)
- Puerto Rico
- U.S. Virgin Islands

Cuba

GOES-West:
Alaska
Hawaii
Kiribati
U.S. Minor Outlying Islands

All other stations in the ASOS SCPs, having a favorable viewing angle from both GOES-East and GOES-West, will continue to be reported doubly.

ASOS SCPs supplement surface weather observations with hourly cloud-cover estimates inferred from observations by the GOES-East or GOES-West ABI. Additional details on ASOS SCPs (including the WMO headers used for these products) may be found at https://vlab.noaa.gov/web/towr-s/asos-scp .

These changes build on prior efforts to harmonize ASOS SCPs with the AWIPS National Datasets Maintenance (NDM) list of Meteorological Aerodrome Report (METAR) stations and will reduce inaccurate reporting of stations and station data [SCN23-92, SCN24-37].

Members of the NOAA community may request changes to the list of stations used for ASOS SCPs via the AWIPS NDM repository at https://vlab.noaa.gov/redmine/projects/awips-ndm/issues .

The station list used for ASOS SCPs continues to be refreshed periodically from the AWIPS NDM repository, with no public notice.

For questions pertaining to these changes, please contact:

NOAA/NWS Office of Observations
Silver Spring, MD 20910
Email: NWS-OBS-Satellites@noaa.gov
or
AWIPS Network Control Facility (NCF) Help Desk
NOAA/NWS Office of Central Processing
Silver Spring, MD 20910
Phone: 888-808-8624

For questions regarding the content or distribution of the products listed here please contact:

NOAA/NESDIS/OSPO User Services
College Park, Maryland 20740
Email: spsd.userservices@noaa.gov

National Service Change Notices are online at:

https://www.weather.gov/notification/

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