

NOUS41 KWBC 231935
PNSWSH

Service Change Notice 26-30
National Weather Service Headquarters Silver Spring MD
335 PM EST Mon Mar 23 2026

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners and NWS Employees

From: Patrick Burke
 Chief, Oceanographic Division
 NOS/Center for Operational Oceanographic Products and
 Services

Subject: NOS / CO-OPS will begin generating all water level data in
Standard Hydrologic Exchange Format (SHEF) on or about April 23, 2026

Effective on or about April 23, 2026, NOAA's Center for Operational
Oceanographic Products and Services (CO-OPS) will begin only issuing
observed water level data at coastal National Ocean Service (NOS)
stations into the Standard Hydrologic Exchange Format (SHEF) formatted
data files that are pushed to <https://tgftp.nws.noaa.gov/data/raw/so/>.
The SHEF codes of HMIRP and HCIRP will no longer be available as of April
23, 2026. All water level data will now be disseminated under the
following SHEF codes only:

--- HMIRG - Water levels in feet relative to Mean Lower Low
 Water (MLLW) and Great Lakes water levels in feet above Low
 Water Datum (LWD)
- HCIRG - Water levels in feet relative to Mean Lower Low
 Water (MHHW)

These SHEF codes are already actively being used for CO-OPS water level
data, however as a result of this change, water levels will no longer be
disseminated under the redundant SHEF codes HMIRP and HCIRP. Users of
CO-OPS water level data on the retired SHEF codes should update their
systems to ensure that water levels will be received and ingested using
the HMIRG and HCIRG SHEF codes only.

SHEF data files will be updated every 10 minutes and in most instances
following this change, station data will include 3 observations per line.
This change should result in fewer (if any) gaps in 6-minute CO-OPS water
level observations received from CO-OPS.

This change only impacts the SHEF water level bulletins coming from CO-
OPS. No changes are being made to the SHEF meteorological data bulletins
at this time.

In the event that the implementation date is declared a Critical Weather
Day (CWD) or significant weather is occurring or is anticipated to occur,

implementation of this change will occur on the next weekday not declared a CWD and when no significant weather is occurring.

Any questions, comments or requests regarding this implementation should be directed to the contacts below. We will review any feedback and decide whether to proceed.

For questions regarding these changes, please contact:

Paul Fanelli
Senior Oceanographer
202-680-9165
Paul.Fanelli@noaa.gov

For general questions about CO-OPS data flow, please contact:

tide.predictions@noaa.gov

For technical issues outside of normal business hours, please contact:

CORMS
301-713-2540
corms@noaa.gov

NWS Service Change Notices are available here:
<https://www.weather.gov/notification/>

NNNN