

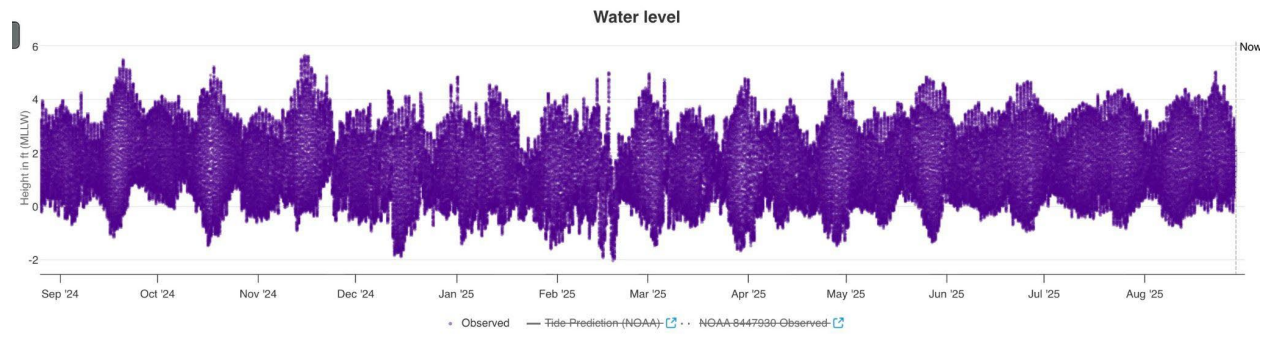


Since May 2023, The Quissett Association, partnering with the Quissett Harbor Preservation Trust and the Sippewissett Association, has been monitoring water levels in Quissett Harbor. These data can help identify patterns in normal, short-term variations in water level (such as those associated with tides, storm surges, and swell and wind waves), which is useful for understanding local water responses to lunar cycles and weather events. The Quissett Association will continue to collect the measurements, extending the contract with Hohonu Instruments for another 3 years. The longer time series can be used for more reliable trend analysis or for calibrating complex models that predict future sea level rise or coastal flooding impacts.

Quissett Harbor, MA

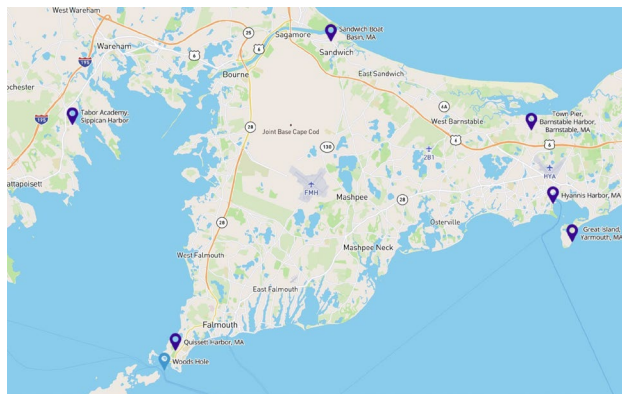
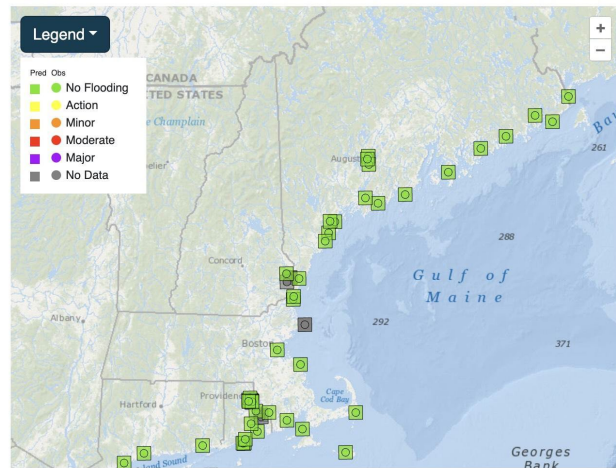
Now: 2.25 ft. MLLW ▼

Last Updated: 13 minutes ago



After two years, the QA sea level monitoring instrument is now part of a broader water level observing network, in Buzzards Bay and beyond, as part of the Northeast Regional Association Coastal Ocean Observing System (**NERACOOS**) and the Northeast Water Level Network (<https://neracoos.org/projects/water-levels/>) which works to enhance coastal resilience through improving access, quality and coverage of water level observations in the face of storm surges, increased rainfall, and sea level changes.

The network is growing, in part due to QA's continuous and neighborly outreach.



Following the consensus reached at last year's Annual Meeting, the QA is now planning additional water temperature monitoring - - working with Onset instruments, a local company - - to collect telemeter temperature data in near real time, together with the water level readings.

Having simultaneous temperature & sea level data is valuable both for data analytics and for improving predictions for water quality and shellfish health, as shown in the research paper by Ms. Fiona Hoben, recipient of the first QA Scholarship Award.

