

# National Oceanographic Data Center



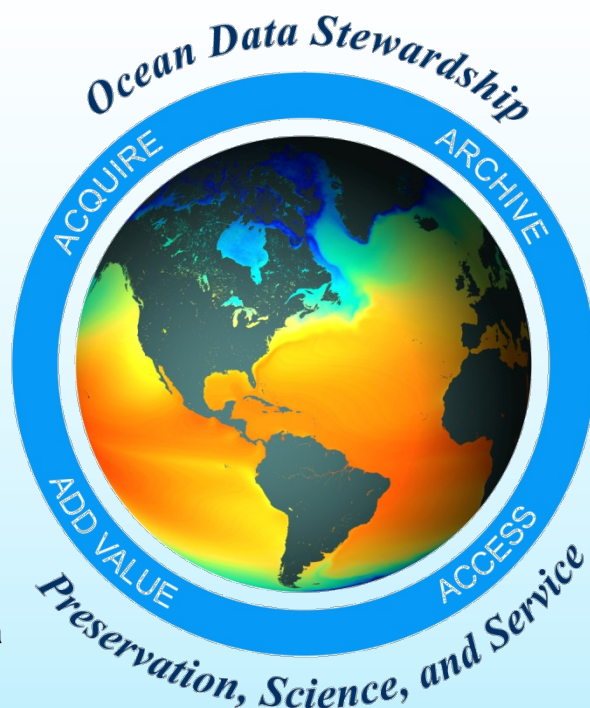
*Providing scientific stewardship of marine data and information*

## NOAA's Ocean Data Archive

Have you ever performed a Google search on "ocean data" or "ocean temperatures"? NODC comes up first! Hundreds of thousands of people use NOAA's ocean data for research, coastal planning, business actions, commerce and transportation, or beach travel plans.

## NODC Provides...

- The World's largest collection of freely available oceanographic data
- Water temperatures dating back to the late 1700's and measuring thousands of meters deep
- A "State of the Ocean Climate" from NODC's Ocean Climate Lab and Satellite Team's scientific analyses
- Scientific journals, rare books, historical photo collections and maps through the NOAA Central Library, a division of NODC
- Data management expertise including metadata training through NODC's National Coastal Data Development Center

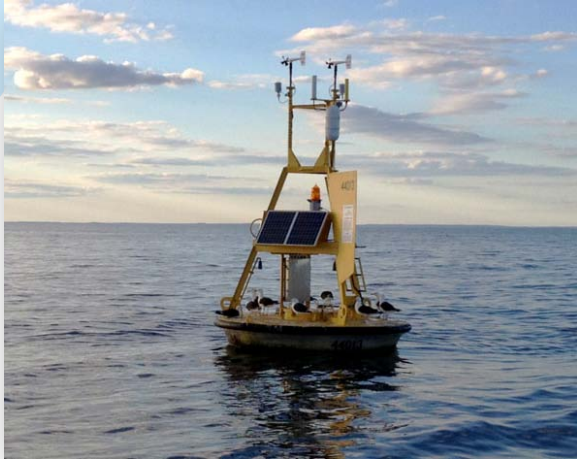


## Experience Matters

For over fifty years, NODC has served the Nation with unmatched expertise in the scientific stewardship of marine data and information. NODC's unique blend of oceanographers, computer scientists, data managers, and librarians, know that good decisions are based on good data. Acquiring and archiving ocean data from all over the world and from a variety of sources, NODC provides the services and products that decision makers and researchers need. Supported by NODC's advanced technologies are people who understand that oceanographic research, satellite and observational data collected for the public's benefit, must be archived, protected, and made available to everyone. After all, today's data are the foundation for tomorrow's decisions.

# NODC Supports NWS

*NODC preserves data and develops tools that add value and enable the discovery and management of NWS buoy data and information*



**NODC's Marine Environmental Buoy Database** holds wind, wave, and other marine data collected by the National Data Buoy Center (NDBC).

**NODC's Coastal Water Temperature Guide** provides the most recent temperatures from NDBC moored buoys. NODC has been able to further support this product by including average water temperatures computed from long-period records ranging from several years to several decades.

**NODC provides the NOAA Extreme Weather Information Sheets (NEWIS)** to a variety of constituents. These contain valuable state and local emergency numbers, NOAA websites, media outlets, and evacuation information for residents.

**NODC archives various types of weather data** including air temperature, marine weather, cloud cover, wind speed and direction, humidity and pressure, when submitted with ocean instrumentation.

**NODC collaborates with NOAA's other data centers, including the National Climatic Data Center (NCDC).**

Together, the centers provide data products and services to scientists, engineers, resource managers, policy makers, and other users throughout the world.

**NODC provides updates to the NOAAWatch hazards web portal.**

**NOAA's Central Library preserves, digitizes, and makes accessible** the National Weather Service Technical Reports and Memoranda, as well as historic reports, circulars, personnel notes and topics, special publications, Monthly Weather Reviews, and other valuable records of the nation's weather. The Library provides access for over 10 million requests/visits annually to their digital collections, which are mostly made up of historical weather and climate related observations.

