

National Oceanographic Data Center



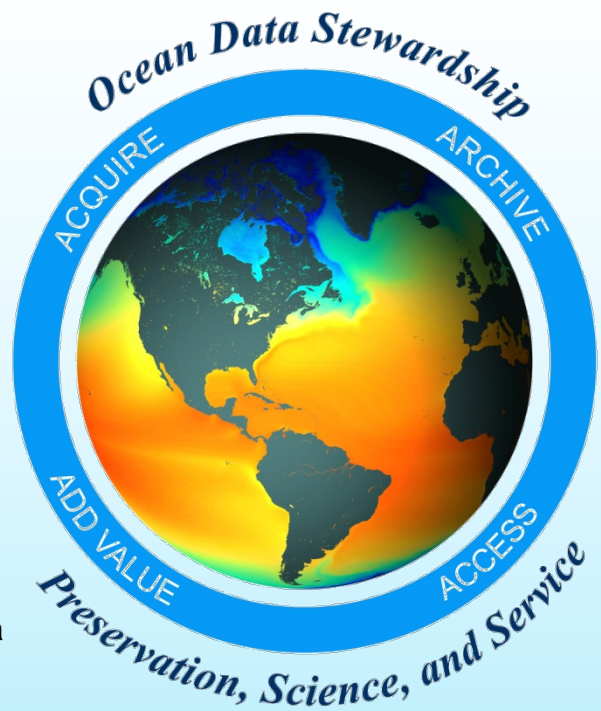
Providing scientific stewardship of marine data and information

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

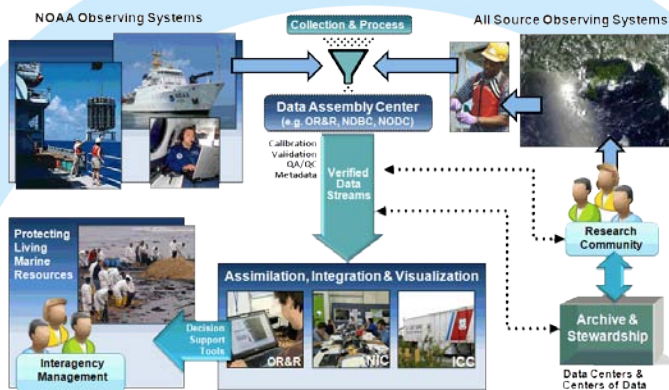


Experience Matters

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 and Partners with NMFS

NODC preserves data and develops tools that add value and enable the discovery and management of fisheries data and information



NODC supports marine environmental and ecosystems stewardship by providing access to the Nation's ocean and coastal data resources.

NODC leads data management activities in the Gulf of Mexico in support of Deepwater Horizon, Gulf of Mexico Restoration, and NOAA Fisheries.

NODC is a key partner with Federal, State, local, academic, and other organizations in the Gulf of Mexico. NODC currently provides the **Gulf of Mexico Regional Team Lead**.

NODC facilitates the data management, analysis, integration, and visualization of data by NOAA Fisheries

Gulf of Mexico Data Atlas integrates information about essential fish habitats, gulf fisheries, and other living marine resources, including SEAMAP data, in the Gulf Atlas.

Coastal Habitats and Ecosystems provide interactive maps displaying species information and habitat types.

Biological Data Archive of zooplankton biomass data from the COPEPOD plankton database and ocean biogeographical data from OBIS is a NODC priority.

Access to Fisheries Publications databases of scientific journal articles and other data needed to support regulatory decisions is provided through the NOAA Central Library, a division of NODC.

Hypoxia Watch develops and disseminates near-real time data and map products using shipboard measurements of bottom-dissolved oxygen.

Harmful Algal Blooms Observing System is a bi-lingual website providing data and information about harmful algal bloom events.

Phytoplankton Monitoring Network partners with NODC for data management and accessibility through an online map.

Climate Goal is supported by NODC's sustainable Marine Ecosystems needs assessment.

