



Caribbean Coastal Ocean Observing System

CARICOOS mission is to integrate observations and products to ensure human safety, facilitate efficient marine transportation, predict and mitigate coastal hazards, and preserve marine ecosystems.

Ocean Data Types:

- Physical- wind speed and direction, wave height and period, air temperature, water temperature, salinity, air pressure, and water level.
- Biological- chlorophyll, enterococcus.
- Chemical- pH, CO₂, dissolved oxygen

Relevant Tools:

- Real Time Portal, www.caricoos.org

Description: Data portals integrate real-time observations with historical records, revealing climate variability and long-term trends. Ocean temperatures, sea level, and the saturation state (ocean acidification) are among the many climate variables that can be accessed through coastal ocean data portals. Using real-time observations, teachers can link their curricula and lesson plans to events in the news.

- Data Download, www.caricoos.org/data-download

Description: Visit the catalog to download real time and historic data.

- Educational Resources, www.caricoos.org/education-&-outreach
- Facebook, YouTube Channel, Twitter
- Handout publications, newsletters.

Regional Example:

CARICOOS hosts outreach events and provide presentations to organizations, teachers and students. The staff work with you to adapt coastal ocean observations to the interests of citizens and students to create awareness and enhance safety.

Contact Information:

First Name: A. Gonzalez / S. Rodríguez
Email: contact@caricoos.org
Phone: 787-899-2564



Waves



Temperature



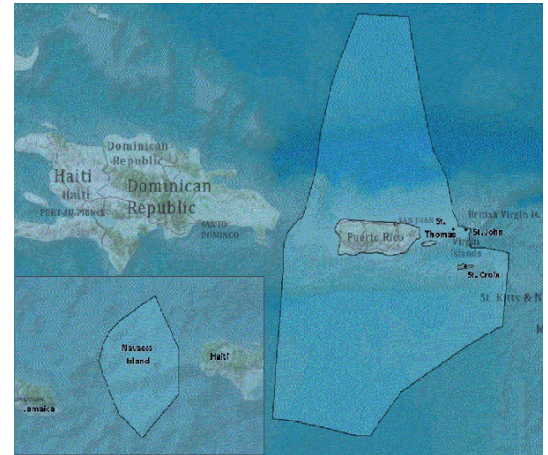
Wind



Currents



Water Level



US CARIBBEAN EXCLUSIVE ECONOMIC ZONE



Graduate students from the School of Public Health during a Sea Grant / CARICOOS workshop