



# Physical Oceanographic Real-Time System **PORTS®**

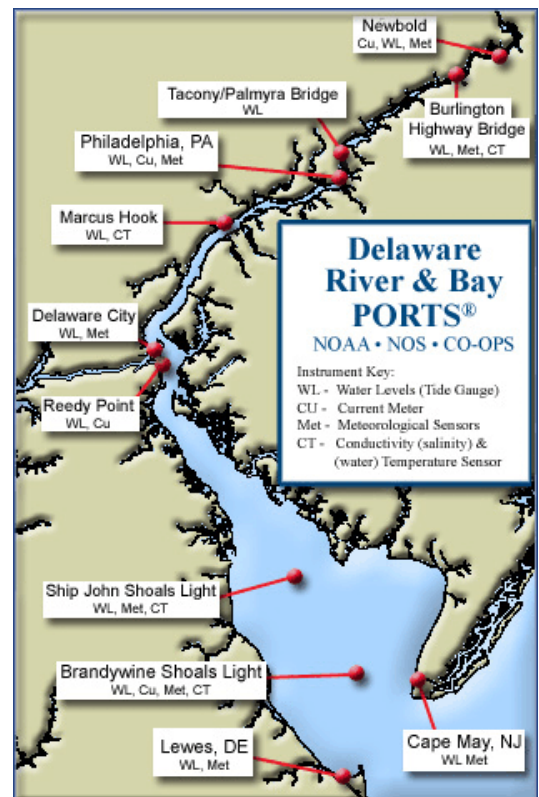


Internet: <http://co-ops.nos.noaa.gov> (select PORTS)  
Voice Data Response: 1-866-30-PORTS

The Physical Oceanographic Real-Time System (PORTS®) is a National Oceanic and Atmospheric Administration (NOAA), National Ocean Service partnership program designed to provide the maritime community with high quality, real-time oceanographic and meteorological data. PORTS® is a decision support tool which improves the safety and efficiency of maritime commerce, assists coastal resource management, and aids recreational boaters.

Funding for the initial installation and operation of this system is provided to NOAA from two sources. The majority of the funding comes from the Delaware River Port Authority through the Maritime Exchange for the Delaware River and Bay. In addition, the U.S. Army Corp of Engineers funds specific components of the PORTS® which are required to support their programs.

NOAA's contributions to this partnership include the development of national PORTS® standards, technical support and oversight of the design, installation and operation of PORTS®, and data quality control. In addition, NOAA continues to develop, test, and evaluate new sensors, data collection, and data telemetry systems that enhance real-time measurement capabilities.



**For Further Information Contact:**  
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The Delaware River and Bay PORTS<sup>®</sup> includes four current meters, eleven water level measurement stations, eight meteorological sensor packages and four conductivity/salinity sensors. Information is collected from each sensor every six minutes by a centralized data acquisition system located at the Maritime Exchange office in Philadelphia, Pennsylvania. NOAA's Continuously Operational Real-Time Monitoring System (CORMS), located in Silver Spring, Maryland, provides 24 hours/day, 7 days/week quality control of the data to ensure that only accurate, and reliable information is disseminated. The real-time information is provided to users via local graphics displays, Internet, and through a telephone voice data response system

