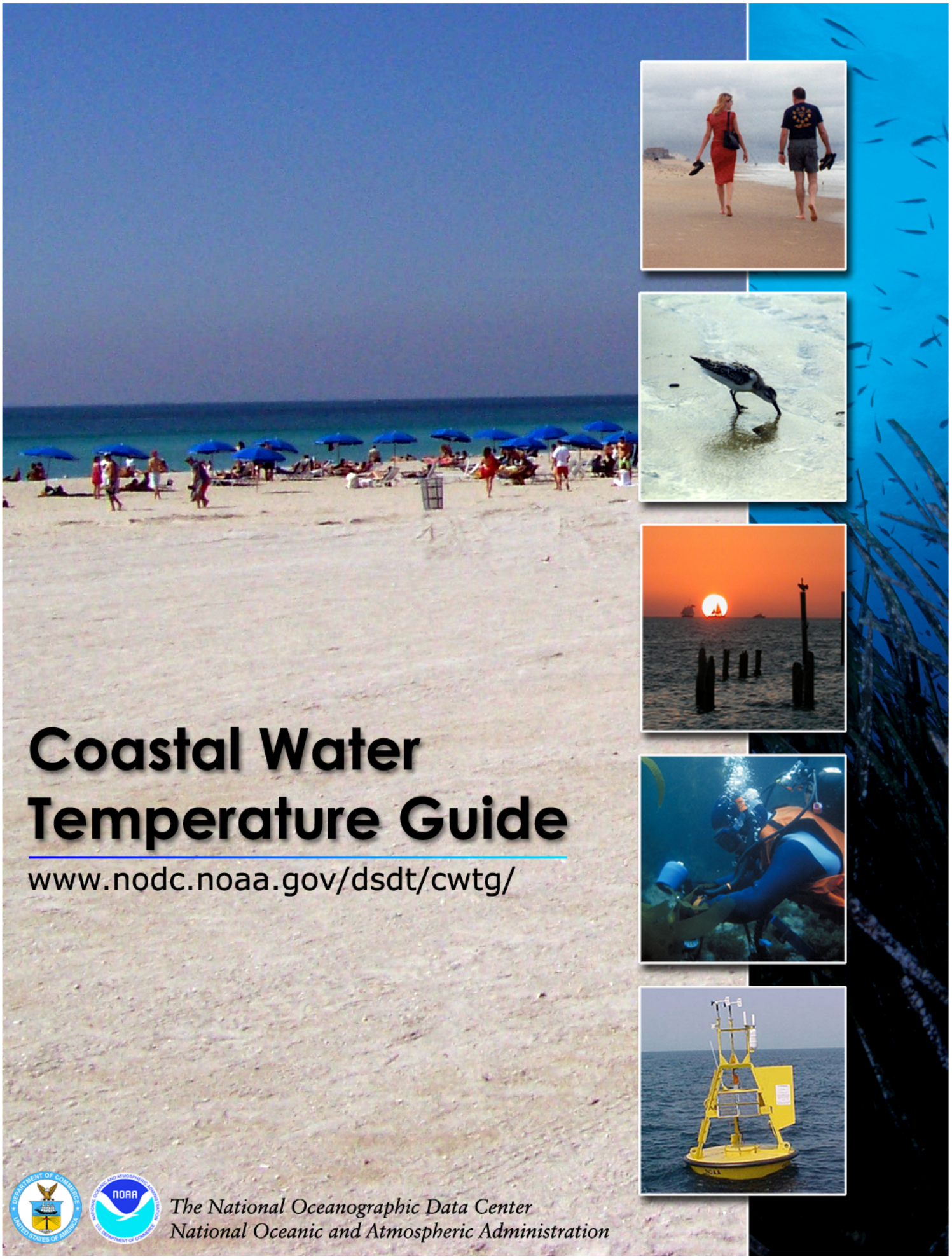

# Coastal Water Temperature Guide

www.nodc.noaa.gov/dsdt/cwtg/

*The National Oceanographic Data Center*
*National Oceanic and Atmospheric Administration*

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Casually referred to as the "beach temperature guide", this popular online National Oceanographic Data Center (NODC) product includes near real-time water temperatures and climatological averages based on observations from NOAA's National Ocean Service and National Data Buoy Center

- Average water temperatures are computed from records ranging from several years to several decades depending on the station.
- Data from over 275 stations are accessed by a wide range of users including vacationers, scientists, teachers, scuba divers, fishermen, boaters, TV and radio stations, and emergency response teams.
- Historical coastal water temperature averages are used for planning beach activities such as swimming or fishing.
- Inputs from river runoff, air temperature changes, wind-induced upwelling, and storm activity resulting in cooler “beach” temperatures vs. further offshore waters can be observed in real time.
- A Google-Maps™ application for interactive browsing enhances observations from NOAA's National Ocean Service tidal stations and the Physical Oceanographic Real-Time System (PORTS®), and moored buoy data from the NOAA National Data Buoy Center.
- Online syndicated feeds (RSS feeds) allow automatic notification of changing water temperatures.
- Direct scientific support is provided by NODC oceanographers; E-mail: NODC.Services@noaa.gov.