

# Coastal Water Temperature Guide

[www.nodc.noaa.gov/dsdt/cwtg/](http://www.nodc.noaa.gov/dsdt/cwtg/)

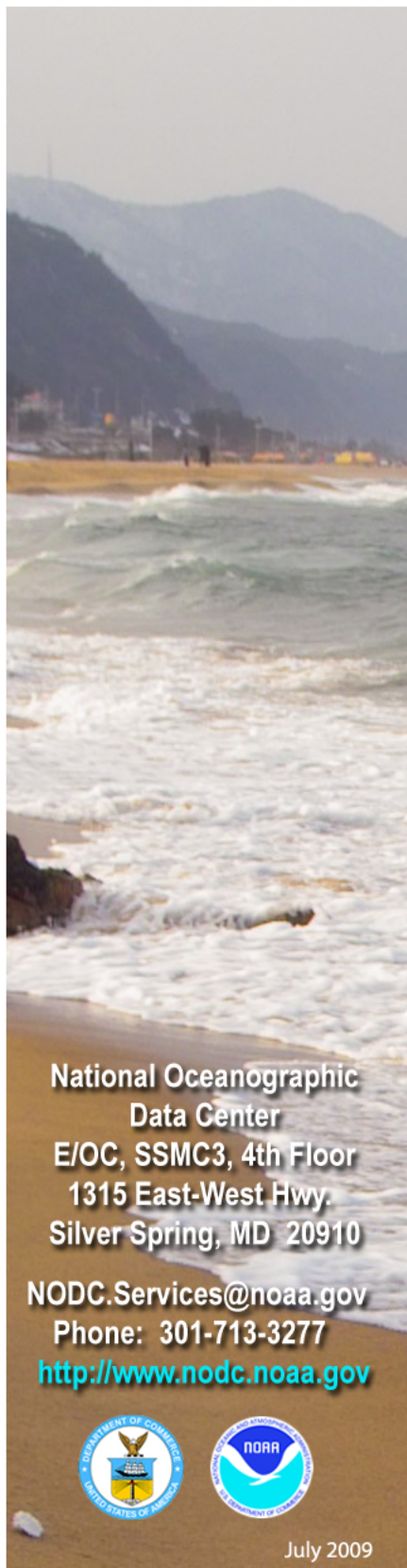


*The National Oceanographic Data Center  
National Oceanic and Atmospheric Administration*

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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](mailto:NODC.Services@noaa.gov).

National Oceanographic  
Data Center  
E/OC, SSMC3, 4th Floor  
1315 East-West Hwy.  
Silver Spring, MD 20910  
[NODC.Services@noaa.gov](mailto:NODC.Services@noaa.gov)  
Phone: 301-713-3277  
<http://www.nodc.noaa.gov>



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