

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Weather Service

MARINE WEATHER SERVICE CHART

CAPE HATTERAS, NORTH CAROLINA TO SAVANNAH, GEORGIA

NOT TO BE USED FOR NAVIGATION



MARINE WEATHER REPORTING PROGRAM

The National Weather Service (NWS) has established a Nationwide Mariner Report Program — MAREP — to help improve marine warnings and forecasts. Through this cooperative effort, professional mariners make radio reports of sea and wind conditions to NWS marine forecasters. If you would like to participate or learn more about this volunteer program, please call:

NWS Charleston 843-744-0303

LEGEND

- NOAA WEATHER RADIO TRANSMITTER SITE
- WEATHER REPORT ALONE OR IN COMBINATION WITH OTHER SYMBOL INDICATES A WEATHER REPORT IS INCLUDED IN NOAA WEATHER RADIO (VHF-FM) BROADCAST WHEN AVAILABLE
- TIDE REPORT OR WEATHER AND TIDE REPORT INCLUDED IN NOAA WEATHER RADIO (VHF-FM) BROADCAST
- DATA BUOY
- U.S. COAST GUARD STATION
- U.S. COAST GUARD LIGHT STATION
- MAREP BASE STATION
- AREA OF GOOD NOAA WEATHER RADIO RECEPTION

NATIONAL WEATHER SERVICE TELEPHONE NUMBERS

Marine weather forecasts, warnings, and other information can be obtained by telephone as follows:

NWS OFFICE	TELEPHONE	OFFICE HOURS/LOCAL TIME
Charleston, SC	843-744-0303	24 hours
Newport, NC	252-223-5737	24 hours
Wilmington, NC	910-762-4289	24 hours

DIAL-A-BUOY

Mariners can obtain the latest coastal and offshore weather observations through a new telephone service called Dial-A-Buoy. This service provides wind and wave measurements taken within the last hour at stations located in coastal waters around the United States and in the Great Lakes.

To access Dial-A-Buoy, dial 228/688-1948 using a touch tone or cellular phone. Enter the five-digit station identifier in response to the prompt. The Dial-A-Buoy menu tree has a selection for the caller to receive a map of buoy station identifiers via return call fax. Station identifiers also can be obtained at the following web site: <http://seaboard.ndbc.noaa.gov>.

EXPLANATION OF MARINE ADVISORIES/WARNINGS

SMALL CRAFT ADVISORIES: Issued to alert mariners to sustained weather or sea conditions, either present or forecast, that might be hazardous to small boats. Boaters/mariners will be able to receive the Small Craft Advisories by keeping tuned to a NOAA Weather Radio Station or the Coast Guard and commercial radio stations that transmit marine weather information. The threshold conditions for the Small Craft Advisories are usually based on 25 knots of wind or hazardous wave conditions. Decision as to the degree of hazard will be left to the boat operator, based on experience and the size and type of boat. There is no legal definition of the term "small craft".

GALE WARNING: Issued to indicate winds within the range of 34 to 47 knots are either present or forecast for the area.

STORM WARNING: Issued to indicate winds within the range of 48 to 63 knots are either present or forecast for the area.

HURRICANE FORCE WIND WARNING: Issued to indicate winds of 64 knots or above, and not associated with a tropical cyclone, are either present or forecast for the area.

SPECIAL MARINE WARNING: Issued whenever a severe local storm, or strong wind of brief duration is imminent and is not covered by existing warnings or advisories.

TROPICAL STORM WARNING: Issued to indicate winds within the range of 34 to 63 knots are either present or forecast in conjunction with a tropical cyclone.

HURRICANE WARNING: Issued to indicate winds of 64 knots or more are either present or forecast for the area in conjunction with a tropical cyclone.

NOTE: A "TROPICAL STORM WATCH" or "HURRICANE WATCH" is issued whenever a tropical storm or hurricane becomes a threat to a coastal area. The "WATCH" is not a warning, but indicates that the tropical cyclone is near enough that persons in the area covered by the "WATCH" should listen to their radios for subsequent advisories and be ready to take precautionary action in case tropical storm or hurricane warnings are issued.

COASTAL MARINE FORECAST AREAS

Coastal marine forecasts are issued for the following areas:

Oregon Inlet to Cape Hatteras, NC out 20 nm
Cape Hatteras to Ocracoke Inlet, NC out 20 nm
Ocracoke Inlet to Cape Lookout, NC out 20 nm
Cape Lookout to Surf City, NC out 20 nm
Albemarle Sound
Pamlico Sound
Surf City to Cape Fear, NC out 20 nm
Cape Fear to Little River Inlet, NC out 20 nm
Little River Inlet to Murrells Inlet, SC out 20 nm
Murrells Inlet to South Santee River, SC out 20 nm
South Santee River to Edisto Beach, SC out 20 nm
Charleston Harbor
Edisto Beach, SC to Savannah, GA out 20 nm
Savannah to Altamaha Sound, GA out 20 nm
Savannah, GA to Altamaha Sound, GA 20 to 60 nm
Altamaha Sound to Fernandina Beach, FL out 20 nm
Altamaha Sound to Fernandina Beach, FL 20 to 60 nm

WAVE FORECASTS APPEARING IN COASTAL MARINE FORECASTS:

Wave height forecasts are for average wave conditions to be encountered in open coastal waters except if otherwise indicated. Values are for waves produced by wind and do not take into account areas of normally higher or steeper waves found near bars, shoals or restricted entrances into sounds or inlets. Occasionally, waves can combine and peak out at twice the forecast value. Where possible, swell waves will be separately described.

LAMBERT CONFORMAL CONIC PROJECTION
NAUTICAL MILES

