

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 843-747-5859

- 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 and also Small Craft Advisories, Gale, Storm, and Hurricane warnings, when issued can be obtained by telephone as follows:

NWS OFFICE	TELEPHONE	OFFICE HOURS/LOCAL TIME
Charleston, SC	843-747-5859	9:00am - 5:00pm M-F Recorded forecast only at other times
Newport, NC	252-223-5737	24 hours
Wilmington, NC	910-762-4289	24 hours

Recorded forecast contains the latest Marine Forecast and Warnings issued.

NOAA WEATHER RADIO

NOAA Weather Radio broadcasts on 162.40, 162.45, and 162.55 MHz can usually be received 20-40 miles from the transmitting antenna site, depending on terrain and the quality of the receiver used. Where transmitting antennas are on high ground, the range can reach 60 miles or more. The VHF-FM frequencies used for these broadcasts require narrow-band FM receivers. The National Weather Service recommends receivers having a sensitivity of one microvolt or less and a quieting factor of 20 decibels.

Some receivers are equipped with a warning alarm device that can be turned on automatically by means of a tone signal controlled by the National Weather Service office issuing the warning. This signal is transmitted for 13 seconds preceding an announcement of a severe weather warning.

The NWR coverage areas indicated on this map are estimates. For these maps, transmitter antenna performance are assumed to be omni-directional. As a result, actual coverage can be different from that depicted on this map. Coverage that is significantly different than depicted on this map should be reported to the local NWS forecast office.

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 Harbor
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.

EXPLANATION OF ADVISORIES/WARNINGS

SMALL CRAFT ADVISORY: Issued to alert mariners to sustained (more than two hours) 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 Advisory 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 Advisory 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 of 48 knots or above, no matter how high the speed, 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 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.

