



U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Weather Service



**MARINE WEATHER SERVICE CHART**  
MONTAUK POINT, NY TO MANASQUAN INLET, NJ

NOT TO BE USED FOR NAVIGATION

**LEGEND**

- ⊙ NOAA WEATHER RADIO TRANSMITTER SITE
- U.S. COAST GUARD STATION
- ⊞ TIDE REPORT OR WEATHER AND TIDE REPORT
- ⚓ WEATHER BUOY INCLUDED IN NOAA WEATHER RADIO (VHF-FM) BROADCAST
- ◻ AREA OF GOOD NOAA WEATHER RADIO SIGNAL RECEPTION

**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 New York/Upton NY 800-226-0218  
NWS Eastern Region 631-244-0124

**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, not associated with a tropical cyclone, within the range of 34 to 47 knots are either present or forecast for the area.

**STORM WARNING:** Issued to indicate winds, not associated with a tropical cyclone, 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.

**COASTAL MARINE FORECAST AREAS**

**NWS OFFICE IN BOSTON/TAUNTON MA**  
Coastal Waters from Montauk Point NY to Block Island RI to Martha's Vineyard MA to Nantucket MA out 20nm southeast (ANZ255)  
Block Island Sound (ANZ237)

**NWS OFFICE IN NEW YORK/UPTON NY**  
Coastal Waters from Montauk Point NY to Moriches Inlet NY out 20nm (ANZ350)  
Coastal Waters from Moriches Inlet NY to Fire Island Inlet out 20nm (ANZ353)  
Coastal Waters from Fire Island Inlet NY to Sandy Hook NJ out 20nm (ANZ355)  
Long Island Sound east of New Haven CT to Port Jefferson NY (ANZ330)  
Long Island Sound west of New Haven CT to Port Jefferson NY (ANZ335)  
New York Harbor (ANZ338)  
Waters from Montauk Point NY to Sandy Hook NY 20 to 40nm (ANZ370)\*  
\*for Special Marine Warning purposes only

**NWS OFFICE IN PHILADELPHIA/MT HOLLY NJ**  
Coastal Waters from Sandy Hook NJ to Manasquan Inlet NJ out 20nm (ANZ450)

**NOAA WEATHER RADIO**  
NOAA Weather Radio broadcasts on 162.40, 162.425, 162.45, 162.475, 162.50, 162.525 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 is somewhat greater, reaching 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 for a quieting factor of 20 decibels.

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

The NOAA Weather Radio coverage areas are estimates. For these maps, transmitter antenna performance are assumed to be omnidirectional. 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.

