

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



MARINE WEATHER SERVICE CHART
EASTPORT, MAINE TO MONTAUK POINT, NEW YORK
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 Portland/Gray 207-688-3216
NWS Boston: On call phone dial *NWS and give us your wind and seas when you are out.
NWS Caribou 207-496-8931

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.

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
Boston/Taunton, MA	508-828-2672 508-822-0634*	8:00am - 5:00pm M-F 24 hours
New York/Upton, NY	631-924-0517	9:00am - 5:00pm M-F Recorded forecast only at other times
Portland/Gray, ME	207-688-3216 207-688-3210*	7:00am - 5:00pm M-F 24 hours
Caribou, ME	207-496-8931	24 hours

*Recorded forecast only.
Recorded forecast contains the latest Marine Forecast and Warnings issued.

SPECIAL WEATHER NOTES
Eastport to Block Island;
FOG: The cold water off the New England coast is responsible for heavy fog conditions in spring and summer when a warm moist southerly or southeasterly flow of air passes over the cold water. Clearing takes place when the prevailing winds become westerly or northerly.
Block Island to Manasquan;
Long Island Sound weather during the boating season is known for light winds and late arriving sea breezes. However, prolonged northeasterly or southwesterly winds are much stronger over the water and produce uncomfortable seas on the down wind end of the Sound.
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.

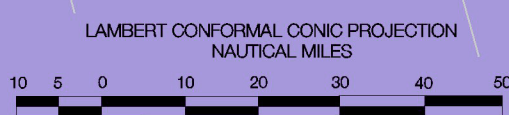
NOAA WEATHER RADIO
NOAA Weather Radio broadcasts on 162.40, 162.475 and 162.55 MHz can usually be received 20-40 miles from the transmitting antenna site, depending on terrain and the quality of the receiver used. Where transmitting antennas are on high ground, the range is somewhat greater, reaching 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 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 WITH WARNING AND FORECAST ZONES

NWS OFFICES	WARNING AND FORECAST HEADINGS	UGC*
WFO Caribou, ME	Coastal waters from Eastport, ME to Stonington (Deer Island), ME out 25 nm Waters from Eastport, ME to Stonington (Deer Island), ME from 25 nm to the Hagie Line, but not to exceed 40 nm	ANZ050 ANZ070
WFO Portland, ME	Coastal waters from Stonington (Deer Isle), ME to Merrimack River, MA out 25 nm Waters from Stonington (Deer Isle), ME to Merrimack River, MA from 25 to 40 nm	ANZ150 ANZ170
WFO Boston, MA	Coastal waters from Merrimack River, MA and out 20 nm to Plymouth, MA and out 40 nm Waters from Merrimack River, MA to Watch Hill, RI from 25 to 40 nm Coastal waters from Provincetown, MA to Chatham, MA to Nantucket, MA out 20 nm Coastal waters from Nantucket, MA to Martha's Vinyard, MA to Block Island, RI to Montauk, NY and southeast 20 nm Coastal waters from Chatham, MA to Watch Hill, RI out 25 nm	ANZ235 ANZ230 ANZ231 ANZ232 ANZ233 ANZ234 ANZ235 ANZ236 ANZ237
WFO New York, NY	Long Island Sound east of New Haven, CT to Port Jefferson, NY Coastal waters from Montauk Point to Moriches Inlet, NY, out 20 nm Coastal waters from Moriches Inlet, NY to Fire Island Inlet, NY out 20 nm Waters from Montauk Point, NY to Sandy Hook, NJ from 20 to 40 nm	ANZ330 ANZ350 ANZ353 ANZ370#

* Universal Geographic Code
For Special Marine Warning purposes only

- ⊙ NOAA WEATHER RADIO TRANSMITTER SITE
- WEATHER REPORT ALONE OR IN COMBINATION WITH OTHER SYMBOLS INDICATES THAT OBSERVATIONS FROM THESE LOCATIONS ARE 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
- ⚓ COASTAL MARINE AUTOMATION NETWORK
- AREA OF GOOD NOAA WEATHER RADIO RECEPTION



DISCREPANCY REPORTS SOLICITED
Reports of discrepancies in this chart and any other comments are appreciated and will be used in preparing the next edition.
e-mail: marine.weather@noaa.gov

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQUENCY	BROADCAST TIMES
Boston, MA	KHB-35	162.475 MHz	Continuously, 24 hrs a day
Concord, NH	WXJ-40	162.40 MHz	Continuously, 24 hrs a day
Dresden, ME	WXM-60	162.475 MHz	Continuously, 24 hrs a day
Ellsworth, ME	KEC-93	162.40 MHz	Continuously, 24 hrs a day
Falmouth, MA	KEC-73	162.55 MHz	Continuously, 24 hrs a day
New London, CT	KHB-47	162.55 MHz	Continuously, 24 hrs a day
Portland, ME	KDO-95	162.55 MHz	Continuously, 24 hrs a day
Providence, RI	WXJ-39	162.40 MHz	Continuously, 24 hrs a day
Worcester, MA	WXL-93	162.55 MHz	Continuously, 24 hrs a day

These VHF-FM radio stations, locations shown on the map, are managed by the National Weather Service. Information is updated every 3 to 6 hours and amended as required. Broadcast contents vary, but in general contain the following types of information.

1. Descriptions of the weather patterns affecting the eastern United States and coastal waters.
2. Regional and state forecasts with outlook for the third day.
3. Marine forecasts and warnings for coastal waters.
4. Weather observations from selected National Weather Service and Coast Guard stations.
5. Radar summaries and reports.
6. Local weather observations and forecasts.
7. Watches, warnings, statements and bulletins concerning adverse and severe weather.
8. Tide reports.

WEATHER RULES FOR SAFE BOATING

Before setting out:
Obtain the latest available weather forecast for the boating area. The NOAA Weather Radio continuous broadcasts (VHF-FM) are the best way to keep informed of expedited weather and sea conditions. If you hear on the radio that warnings are in effect, don't venture out on the water unless you are confident your boat can be navigated safely under forecast conditions of wind and sea.

- While afloat:**
1. Keep a life jacket on and keep a weather eye out for: the approach of dark, threatening clouds, which may foretell a squall or thunderstorm; any steady increase in wind or sea; any increase in wind velocity opposite in direction to a strong tidal current. A dangerous rip tide condition may form steep waves capable of broaching a boat.
 2. Check radio weather broadcasts for latest forecasts and warnings.
 3. Heavy static on your AM radio may be an indication of nearby thunderstorm activity.
 4. If a thunderstorm catches you while afloat, you should remember that not only gusty winds but also lightning poses a threat to safety.
 - stay below deck if possible.
 - keep away from metal objects that are not grounded to the boat's protection system.
 - don't touch more than one grounded object at the same time (or you may become a shortcut for electrical surges passing through the protection system).
 - Prepare for rough sea conditions.

DIAL-A-BUOY

Mariners can obtain the latest coastal and offshore weather observations through a telephone service called Dial-A-Buoy. This service provides wind and wave measurements taken within the last hour at stations located in the Atlantic, Pacific, Gulf of Mexico, and Great Lakes.

To access Dial-A-Buoy, dial 228/688-1948 using a touch tone or cellular phone. Enter the five-digit station identifier when prompted. 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 can also be obtained at the following web site: <http://www.ndbc.noaa.gov>.

OTHER MARINE WEATHER SERVICES CHARTS AVAILABLE

MSC-1	Eastport, ME to Montauk Point, NY	MSC-8	Mexican Border to Point Conception, CA
MSC-2	Montauk Point, NY to Manasquan, NJ	MSC-9	Point Conception, CA to Point St. George, CA
MSC-3	Manasquan, NJ to Cape Hatteras, NC	MSC-10	Point St. George, CA to Canadian Border
MSC-4	Cape Hatteras, NC to Savannah, GA	MSC-11/12	Great Lakes
MSC-5	Savannah, GA to Apalachicola, FL	MSC-13	Hawaiian Waters
MSC-6	Apalachicola, FL to Morgan City, LA	MSC-14	Puerto Rico and Virgin Islands
MSC-7	Morgan City, LA to Brownsville, TX	MSC-15	Alaskan Waters
		MSC-16	Guam and the Northern Mariana Islands

Nautical charts for navigation purposes for these coastal areas are available from local marinas, marine supply stores, and this address.

Copies of these charts are available for \$1.25 each from:
FAA Distribution Division, AVN-530
National Aeronautical Charting Office
Riverdale, MD 20737-1199
Telephone: 1-(800)-638-8972
<http://chartmaker.ncd.noaa.gov>
or can be viewed on the following web site:
<http://www.nws.noaa.gov/om/marine/pub.htm>

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	CARRIER FREQUENCY (kHz)	BROADCAST TIMES/UTC
Southwest Harbor, ME (USCG)	NMF-44	*#2670 ~Ch. 22A	1135, 2335
Portland, ME (USCG)		*#2670 Ch. 22A	1105, 2305
Boston, MA (USCG)	NMF	*#2670 ~Ch. 22A	1035, 2235
Moriches, NY (USCG)	NMY-41	*#2670 ~Ch. 22A	0010, 1210
Woods Hole, MA (USCG)		*#2670 ~Ch. 22A	0440, 1640 1005, 2205
Long Island Sound (USCG)		~Ch. 22A	1120, 2320
Activities, NY (USCG)		~Ch. 22A	1050, 2250

USCG VHF broadcasts normally contain coastal forecasts. HF broadcasts normally contain offshore forecasts. Marine warnings are broadcast upon receipt.

- * Broadcast 1 hour later during Daylight Savings Time.
- ° Preceded by announcement on 2182 kHz.
- ~ Preceded by announcement on Ch. 16.
- # Single Sideband, Suppressed carrier, carrier frequency.

THE ATLANTIC RADIOFACSIMILE BROADCAST SCHEDULE IS POSTED AT:
[HTTP://WWW.MPC.NCEP.NOAA.GOV/](http://www.mpc.ncep.noaa.gov/)
Then click Atlantic FAX.

Comments on the schedule or quality of charts
Email: Timothy.Rulon@noaa.gov

RADIO WWW/WWWH STORM INFORMATION BROADCASTS

HIGH SEAS STORM INFORMATION for the North Atlantic and North Pacific is provided mariners through a cooperative program of two Department of Commerce agencies: the National Weather Service of the National Oceanic and Atmospheric Administration and the National Institute of Standards and Technology. Bulletins are compiled by the National Weather Service and broadcast every hour by the National Institute of Standards and Technology's Frequency and Time Broadcast Services Radio Stations - WWW, Fort Collins, Colorado and WWWH, Kauai, Hawaii. These are the radio stations that sailors and others listen to for daily time checks.

WWW (FORT COLLINS, CO)

FREQUENCIES : 2.5, 5, 10, 15, 20 MHz

The weather broadcast is in 45-second segments separated by a 15-second interval.

TIMES OF BROADCAST

8 minutes past the hour	Atlantic High Seas Warnings,
9 minutes past the hour	Atlantic High Seas Warnings

NATIONAL WEATHER SERVICE PRODUCTS AND TEXT FORECASTS AVAILABLE VIA E-MAIL (FTPMAIL)

National Weather Service radiofax charts and text forecasts are available via E-mail. The FTPMAIL server is intended to allow Internet access for mariners and other users who do not have direct access to the World Wide Web but who are equipped with an e-mail system. Turnaround is generally in under three hours, however, performance may vary widely and receipt cannot be guaranteed. To get started in using the NWS FTPMAIL service, follow these simple directions to the FTPMAIL "help" file (7 bytes).

Address: ftpmail@weather.noaa.gov
Subject: (not required)
Body: help

Direct any questions to 301-713-1677, extension 128,
or 301-713-0882, extension 122.

CANADIAN WEATHER BROADCASTS

Forecasts issued by Meteorological Service of Canada for the Maritime areas.

CITY	FREQUENCY (kHz)	BROADCAST TIMES/UTC
Halifax, Nova Scotia	2749	0110, 0810, 1540, 2010 Seven Days a Week
Sydney, Nova Scotia	2749	0040, 0740, 1440, 2110 Seven Days a Week
St. John, New Brunswick	2749	0140, 1040, 1640, 2040 Seven Days a Week

Also, the marine forecasts bulletins are broadcast via Weather Radio Canada on the following frequencies at 162.4 MHz, 162.475 MHz, and 162.55 MHz.

HIGH SEAS AND OFFSHORE RADIOTELEPHONE (USB) WEATHER BROADCASTS FOR ATLANTIC

CITY	STATION	CARRIER FREQUENCY (kHz)	BROADCAST TIMES/UTC
Chesapeake, VA (USCG)	NMN	4426.0 6501.0	0330*, 0500, 0930* 0330*, 0500, 0930*, 1130 1600*, 2200*, 2330
		8764.0	0330*, 0500, 0930*, 1130 1600*, 1730, 2200*, 2330
* offshore		13089.0 17314.0	1130, 1600*, 1730, 2200*, 2330 1730

HIGH SEAS RADIOTELEX (SITOR) WEATHER BROADCASTS FOR ATLANTIC

CITY	STATION	CARRIER FREQUENCY (kHz)	BROADCAST TIMES/LOCAL
Boston, MA (USCG)	NMF	6314 8416.5 12579 16806.5	0030*, 0140 0030*, 0140, 1218*, 1630 0030*, 0140, 1218*, 1630 1218*, 1630

* Ice (Seasonal)