

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) VHF CH NO.	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	0330*, 0500, 0930*
		6501.0	0330*, 0500, 0930*, 1130 1600*, 2200*, 2330
		8764.0	0330*, 0500, 0930*, 1130 1600*, 1730, 2200*, 2330
		13089.0	1130, 1600*, 1730, 2200*, 2330
* offshore		17314.0	1730

HIGH SEAS RADIOTELEX (SITOR) WEATHER BROADCASTS FOR ATLANTIC

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

* Ice (Seasonal)