

#### NOAA WEATHER RADIO BROADCASTS

<u>CITY</u>	<u>STATION</u>	FREQUENCY	BROADCAST TIMES
Hawaii Kai, Oahu, HI	KBA-99	162.40 MHz	Continuously, 24 hrs a day
Kokee, Kauai, HI	KBA-99	162.40 MHz	Continuously, 24 hrs a day
Kulani Cone, Hawaii, Hl	KBA-99	162.55 MHz	Continuously, 24 hrs a day
Mt. Haleakala, Maui, Hl	KBA-99	162.40 MHz	Continuously, 24 hrs a day
Mt. Kaala, Oahu, HI	KBA-99	162.55 MHz	Continuously, 24 hrs a day
South Point, Hawaii, HI	KBA-99	162.55 MHz	Continuously, 24 hrs a day

These VHF-FM radio stations, locations shown on the map, are operated by the National Weather Service. This is a continuous broadcast, 24 hours a day. Broadcast recordings are updated every 1 to 6 hours and amended at any time that conditions warrent. The broadcast includes the latest coastal forecast and warnings for Hawaiian waters within 40 miles of the shorelines and inter-island channels. These products are supplemented by synopses, forecasts, and warnings for offshore waters within 240 nautical miles of the islands. Forecasts start with a statement describing any marine warnings in effect or a "No Warning" statement followed by a weather summary and forecast. Warnings are preceeded by a 1050 Hz alert tone.

#### NOAA WEATHER RADIO BROADCAST TELEPHONE INTERCEPT

ISLAND	PHONE #
Oahu	808-973-6109
Hawaii	808-935-5055
Maui	808-871-6706
Kauai	808-245-2919

#### NWS PRODUCTS VIA WWVH HF VOICE

The National Institute of Standards and Technology broadcasts a time and frequency service from stations WWV in Fort Collins, CO and WWVH in Kavai, Hawaii, commonly known to mariners as "Time Tick", used as an aid in celestial navagation. Included in these are hourly voice broadcasts of current highseas storm warnings for the Atlantic, Pacific, and Gulf of Mexico provided by the National Weather Service (NWS). For some further information on WWV, WWVH, and time signals wordwide, see NGA Publication 117 "Radio Navagational Aids"

# WWVH (Hawaii)

FREQUENCIES: 2.5, 5, 10, 15 MHz (AM) 48 - 51 minutes past the hour Pacific highseas warnings

# DIAL - A - BUOY

Dial-A-Buoy gives mariners an easy way to obtain reports via a cell-phone. Dial-A-Buoy provides wind and wave neasurements taken within the last hour at National Data Buoy Center (NDBC) buoy and Coastal-Marine Automated Network (C-MAN) stations. The stations operated by NDBC, part of the National Weather Service, are located in the Allantic, Pacific, Gulf of Mexico, and the Great Lakes. The Dial-A-Buoy service has since expanded to include stations owned and operated by other organizations including the United Kingdon Met Office and Enviroment Canada. To access Dial-A-Buoy, dial (228) 688-1948 using any touch-tone or cell-phone. For internet users, more information is at: http://seaboard.ndbc.noaa.gov/dial.shtml

### BUOY AND C-MAN DATA AVAILABLE VIA E-MAIL (FTPMAIL)

Current buoy and C-MAN data is now available in a very compact form via

http://www.ndbc.noaa.gov/data/latest obs/

Via ftp:

ftp://www.ndbc.noaa.gov/data/latest\_obs/

Via e-mail (FTPMAIL)

http://weather.noaa.gov/pub/fax/buoydata.txt (instructions)

Send an e-mail to: Subject Line: Body: tpmail@weather.noaa.gov Put anything you like open www.ndbc.noaa.gov cd data

### WEATHER RULES FOR SAFE BOATING

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 the expected 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 weather eve 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)
- put on a life jacket and prepare for rough sea conditions.

# NWS MARINE PRODUCTS VIA RADIOFAX

For National Weather Service (NWS) marine radiofax products, detailed schedules, and worldwide marine radiofax broadcast schedules please check out: http://www.nws.noaa.gov/om/marine/radiofax.htm

HIGH SEAS RADIOTELEPHONE WEATHER BROADCASTS			
<u>CITY</u>	<u>STATION</u>	CARRIER FREQUENCY (kHz)	BROADCAST TIMES (UTC)
Point Reyes, CA	NMC (USCG)	4426.0 8764.0 13089.0 17314.0	0430, 1030 0430, 1030, 1630, 2230 0430, 1030, 1630, 2230 1630, 2230
Honolulu, HI	NMO (USCG)	6501.0 8764.0 13089.0	0600, 1200 0005, 0600, 1200, 1800 0005, 1800
Guam	NRV	6501.0 13089.0	0930, 1530 <sub>-</sub> 0330, 2130

MSC-2

MSC-3

MSC-4

MSC-5

MSC-6

MSC-7

HIGH SEAS RADIOTELEX (SITOR) WEATHER BROADCASTS				
<u>CITY</u> Point Reyes, CA	STATION NMC (USCG)	FREQUENCY (kHz) 8416.5 16806.5 518 NAVTEX(C)	BROADCAST TIMES UTC 0005, 1800 0005, 1800 0000, 0400, 0800 1200, 1600, 2000	
Honolulu, HI	NMO (USCG)	8416.5 12579.0 22376.0 518 NAVTEX(O)	0130, , 0730, 1330, 2030 0130, , 0730, 1330, 2030 0130, 2030 0040, 0440, 0840 1240, 1640, 2040	
Guam	NRV (USCG)	12579.0 16086.5 22376.0 518 NAVTEX(V)	0500, 1500, 1900, 2315 0500, 1500, 1900, 2315 0500, 1500, 1900, 2315 0100, 0500, 0900 1300, 1700, 2100	
Cambria, CA	NMC (USCG)	518 NAVTEX(Q)	0045, 0445, 0845 1245, 1645, 2045	

# INTERNET ADDRESSES

National Weather Service Home Page http://www.nws.noaa.gov

National Weather Service Pacific Region Headquarters http://www.prh.noaa.gov/pr/hq/

National Weather Service Honolulu HI

Website: http://www.prh.noaa.gov/hnl

Marine Products: http://www.prh.noaa.gov/hnl/pages/marine.php

National Data Buoy Center

http://seaboard.ndbc.noaa.gov/

U.S. Coast Guard Navagation Center

http://www.navcen.uscg.gov/marcomms

National Weather Service Products and Dissemination http://www.nws.noaa.gov/om/marine/home.htm

# NATIONAL WEATHER SERVICE RADIOFAX AND TEXT FORCASTS 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 1 hour, however, performance may vary widely and receipt cannot be guarenteed. To get started in using the NWS FTPMAIL service, follow these simple directions to the FTPMAIL "help" file (11 bytes).

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

Body:

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

## **BROADCASTS OF MARINE WEATHER FORECASTS** AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

<u>CITY</u>	<u>STATION</u>	FREQUENCY, kHz/MHz	BROADCAST TIMES UTC
Honolulu, HI	NMO	~ CH 22A	0500, 1700
		°# 2670 kHz	0545, 1145, 1745, 2345

- Preceded by announcement on 2182 kHz
- ~ Preceeded by announcement on ch. 16.
- # Single Sideband, suppressed carrier, carrier frequency.

#### Copies of these charts are available for \$1.25 each from: Eastport, ME to Montauk Point, NY MSC-9 Point Conception, CA to Point St. George, CA Montauk Point, NY to Manasquan, NJ Point St. George, CA to Canadian Border FAA/ National Aeronautical Chartina Office MSC-10 Manasquan, NJ to Cape Hatteras, NC Distribution Division, AVN-530 MSC-11/12 Great Lakes Cape Hatteras, NC to Savannah, GA MSC-13 Hawaiian Waters 6303 lvv Lane, Suite 400 Greenbelt, MD 20770 Savannah, GA to Apalachicola, FL MSC-14 Puerto Rico and Virgin Islands Telephone: (301) 436-8301 Apalachicola, FL to Morgan City, LA MSC-15 Alaskan Waters . (800) 638-8972 toll free, U.S. only Morgan City, LA to Brownsville, TX MSC-16 Guam and the Northern Mariana Islands MSC-8 Mexican Border to Point Conception, CA

OTHER MARINE WEATHER SERVICES CHARTS AVAILABLE

Marine Service Charts can be viewed at: http://www.nws.noaa.gov/om/marine/pub.htm
For nautical charts on the web for navagation purposes go to: http://www.aceanservice.noaa.gov/pubs/welcome.html
These nautical charts are also available from local marinas and marine supply stores.

(301) 436-6829 FAX E-mail: 9-AMC-chartsales@faa.gov http://chartmaker.ncd.noaa.gov or your local chartagent: http://chartmaker.ncd.noaa.gov/nsd/states.html

