MSC-8—MEXICAN BORDER TO POINT CONCEPTION, CA

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQUENCY	BROADCAST TIMES
San Diego, CA	KEC-62	162.40 MHz	Continuously, 24 hrs a day
Santa Ana, CA	WWG-21	162.45 MHz	Continuously, 24 hrs a day
Los Angeles, CA	KWO-37	162.55 MHz	Continuously, 24 hrs a day
Santa Barbara, CA	KIH-34	162.40 MHz	Continuously, 24 hrs a day
Santa Barbara Marine, CA	WWF-62	162.475 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. Broadcasts are updated every 3 to 6 hours and amended as required. The broadcast includes the latest coastal forecasts for Point Conception to the Mexican Border with a statement relative to warnings in effect, weather observations from selected coastal buoys and island stations, and the offshore forecasts from Point Conception to Guadalupe Island outside the Channel Islands. Advisories concerning Eastern Pacific tropical storms are also broadcast.

BROADCAST OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	FREQUENCY (kHz)	BROADCAST TIMES/UTC
Los Angeles/ Long Beach, CA	2670 kHz followed by an initial call on 2182 kHz	0503, 1303, 2103
Los Angeles/ Long Beach, CA	Ch. 22A (157.1 mHz) followed by an initial call on Ch. 16 (156.8 mHz)	0200, 1800

HIGH SEAS RADIOTELEPHONE WEATHER BROADCASTS FOR NORTH PACIFIC

CITY	STATION	CARRIER FREQ (kHz)	BROADCAST TIMES/UTC
Point Reyes, CA (USCG)	NMC	4426.0 (USB)	0430, 1030
		8764.0 (USB)	0430, 1030, 1630, 2230
		13089.0 (USB)	0430, 1030, 1630, 2230
		17314.0 (USB)	1630, 2230

HIGH SEAS RADIOTELEX (SITOR) WEATHER BROADCASTS FOR NORTH PACIFIC

CITY	STATION	CARRIER FREQ (kHz)	START BROADCAST/UTC
Point Reyes, CA	NMC	8416.5	0005, 1800
		16806.5	0005, 1800

DIAL-A-BUOY

Mariners now can obtain the latest coastal and offshore weather observations through a new telephone service called Dial-A-Buoy. This service provides wind and wave measurements taken within the last hour at stations located in coastal waters around the United States and in the Great Lakes.

To access Dial-A-Bouy, dial 228/688-1948 using a touch tone or cellular phone. Enter the five-digit station identifier in response to the prompt. The Dial-A-Bouy menu tree has a selection for the caller to receive a map of bouy station identifiers via return call fax. Station identifiers also can be obtained at the following web site: **http://seaboard.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

Copies of these charts are available for $1.25 each from:
National Ocean Service
Distribution Division (N/ACC33)
Riverdale, MD 20737
Telephone: 1-(800)-638-8972
All of these charts can be viewed on the internet at:
http://www.nws.noaa.gov/om/marine/pub.htm

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

NOAA, NATIONAL WEATHER SERVICE, WASHINGTON, DC, RADIOFACSIMILE SCHEDULE PART ONE TRANSMITTED VIA U.S.C.G., POINT REYES, CA, (NMC) AS OF 08 SEP 98

TIME	AREA	CHART	TIME	AREA	CHART	TIME	AREA	CHART
0245Z		TEST PATTERN	0858Z	1	48HR SEA VT 00Z	1208Z		END TRANSMISSION
0248Z	7	SATELLITE PICTURE	0908Z	7	SATELLITE PICTURE	1415Z		TEST PATTERN
0259Z	5	SATELLITE PICTURE	0919Z	2	06Z SFC ANALYSIS PART 1	1418Z	1	96HR 500 MB VT 00Z
0310Z	1	SEA STATE ANALYSIS	0932Z	3	06Z SFC ANALYSIS PART 2	1428Z	1	96HR SFC VT 00Z
0320Z	2	00Z SFC ANALYSIS PART 1	0944Z	5	SATELLITE PICTURE	1438Z	5	SATELLITE PICTURE
0333Z	3	00Z SFC ANALYSIS PART 2	0955Z	2	RETRANSMIT 0919Z	1449Z	6	SATELLITE PICTURE
0345Z	2	RETRANSMIT 0320Z	1008Z	3	RETRANSMIT 0932Z	1500Z	8	SEA STATE ANALYSIS
0358Z	3	RETRANSMIT 0333Z	1020Z		END TRANSMISSION	1510Z	4	WIND/WV ANALYSIS
0410Z	1	00Z 500 MB ANALYSIS	1100Z		TEST PATTERN	1520Z	2	12Z SFC ANALYSIS PART 1
0420Z		END TRANSMISSION	1104Z		SCHEDULE PART 1	1533Z	3	12Z SFC ANALYSIS PART 2
0815Z		TEST PATTERN	1115Z		SCHEDULE PART 2	1545Z	2	RETRANSMIT 1520Z
0818Z	8	24HR SFC VT 00Z	1126Z		REQUEST FOR COMMENTS	1558Z	3	RETRANSMIT 1533Z
0828Z	8	24HR WIND/WV VT 00Z	1137Z		PRODUCT NOTICE BULLETIN	1610Z	1	12Z 500 MB ANALYSIS
0838Z	1	48HR 500 MB VT 00Z	1148Z	9	RETRANSMIT 2304Z	1620Z		END TRANSMISSION
0848Z	1	48HR SFC VT 00Z	1158Z	6	RETRANSMIT 2314Z			

CONTINUED ON SCHEDULE PART TWO

FREQUENCIES: DAY - 8682,12730, 17151.2, 22527 kHz
NIGHT - 8682, 12730, 17151.2, 4346 kHz
FOR CARRIER FREQUENCY SUBTRACT 1.9 kHz

NOAA, NATIONAL WEATHER SERVICE, WASHINGTON, DC, RADIOFACSIMILE SCHEDULE PART TWO TRANSMITTED VIA U.S.C.G., POINT REYES, CA, (NMC) AS OF 08 SEP 98

TIME	AREA	CHART	TIME	AREA	CHART	TIME	AREA	CHART
2015Z		TEST PATTERN	2119Z	2	18Z SFC ANALYSIS PART 1	2304Z	9	SST ANALYSIS
2018Z	8	24HR SFC VT 12Z	2132Z	3	18Z SFC ANALYSIS PART 2	2314Z	6	SST ANALYSIS
2028Z	8	24HR WIND/WV VT 12Z	2144Z	4	WIND/WV ANALYSIS	2324Z		SCHEDULE PART 1
2038Z	1	48HR 500 MB VT 12Z	2154Z	2	RETRANSMIT 2119Z	2335Z		SCHEDULE PART 2
2048Z	1	48HR SFC VT 12Z	2207Z	3	RETRANSMIT 2132Z	2346Z		END TRANSMISSION
2058Z	1	48HR SEA VT 12Z	2219Z		END TRANSMISSION			
2108Z	7/5	SATELLITE PICTURE	2300Z		TEST PATTERN			

AREAS: 1=20N-70N, 115W-135E; 2=20N-70N, 115W-175W; 3=20N-70N, 175W-135E; 4=20S-30N, EAST OF 160W; 5=05N-60N, WEST OF 100W; 6=23N-42N, EAST OF 136W; 7=05N-55N, EAST OF 130W; 8=25N-60N, EAST OF 155W; 9=40N-53N, EAST OF 136W

CONTRACTIONS: VT=VALID TIME, SFC=SURFACE, WV=WAVE

Comments on this schedule or quality of charts are invited.
Write to: NATIONAL WEATHER SERVICE/NOAA
NATIONAL CENTER FOR ENVIRONMENTAL PREDICTION
MARINE FORECAST BRANCH W/NMC31
5200 AUTH ROAD
CAMP SPRINGS, MD 20746-4304
Phone: 301-763-8294, extension 7401
FAX: 301-763-8085
E-MAIL: David.Feit @noaa.gov

SOME NOTES ON MARINE WEATHER OFF SOUTHERN CALIFORNIA

1. When a stronger than average Pacific High pressure area is established, Northwest winds of 20 to 30 knots frequently occur off Point Conception and over the outer Channel Islands. These winds, with a duration of 12 to 18 hours will produce wind waves of 10 to 16 feet. Coastal winds are usually light with this pattern; and without a pre-sail check of the weather, this situation can lead to unexpected and dangerously high seas.
2. Well developed cold fronts in the Fall thru Spring seasons will produce strong and shifting winds. Winds preceding the front are usually from the South and Southeast, and shifting into the Northwest with the frontal passage. Wind speeds are generally in the 20 to 40 knot range with heavy and confused seas.
3. The Santa Ana winds of Southern California, although quite localized, can cause dangerous seas particularly in Avalon Bay on Catalina Island. This harbor is one of the most popular in Southern California with considerable small boat traffic. Avalon Harbor is exposed and unprotected to winds and seas from the east and northeast, and the stronger Santa Ana winds can cause hazardous sea and surf in the harbor.

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 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 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.

INTERNET ADDRESSES

National Weather Service Current Weather Data
http://www.nws.noaa.gov

National Data Buoy Center
http://seaboard.ndbc.noaa.gov

U.S. Coast Guard Navigation Center
http://www.navcen.uscg.mil

National Weather Service Western Region Headquarters
http://www.wrh.noaa.gov/wrhq/

National Weather Service Office - Los Angeles
http://www.nwsla.noaa.gov

National Weather Service Office - San Diego
http://www.wrh.noaa.gov/sandiego/nws.html

National Weather Service - MSC Charts
http://www.nws.noaa.gov/om/marine/pub.htm

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

National Weather Service Radiofax Products
http://weather.noaa.gov/fax/marine.shtml

MARINE RADIOFACSIMILE CHARTS THROUGH E-MAIL

National Weather Service radiofax charts broadcast by the U.S. Coast Guard from Boston, New Orleans, and Point Reyes, CA are available via E-mail. It is anticipated that the service will include marine text products in the near future. This allows Internet access for mariners who do not have direct access to the World Wide Web, but who are equiped with an E-mail system. Users can request files from NWS and have them automatically E-mailed back to them. To get started, send an E-mail to:

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.

NWS PRODUCTS VIA WWV, WWVH HF VOICE

The National Institute of Standards and Technology (NIST) broadcasts a time and frequency service from stations WWV in Boulder, CO and WWVH in Honolulu, HI commonly known to mariners as "Time Tick" used as an aid in celestial navigation. Included in these are hourly voice broadcasts of current highseas storm warnings for the Atlantic, Pacific and the Gulf of Mexico provided by the National Weather Service.

WWV (BOULDER, CO)

FREQENCIES : 2.5, 5, 10, 15, 20 MHz (AM)

TIMES OF BROADCAST	BROADCAST AREA
8 minutes past the hour	Atlantic highseas warnings
9 minutes past the hour	Atlantic highseas warnings
10 minutes past the hour	Pacific highseas warnings

WWVH (HONOLULU, HI)

FREQENCIES : 2.5, 5, 10, 15 MHz (AM)

TIMES OF BROADCAST	BROADCAST AREA
48 - 51 Minutes past the hour	Pacific highseas warnings

ACAB, MAY 1999

USCOMM-NOAA-DC-A5741
NOAA-PA-96061

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