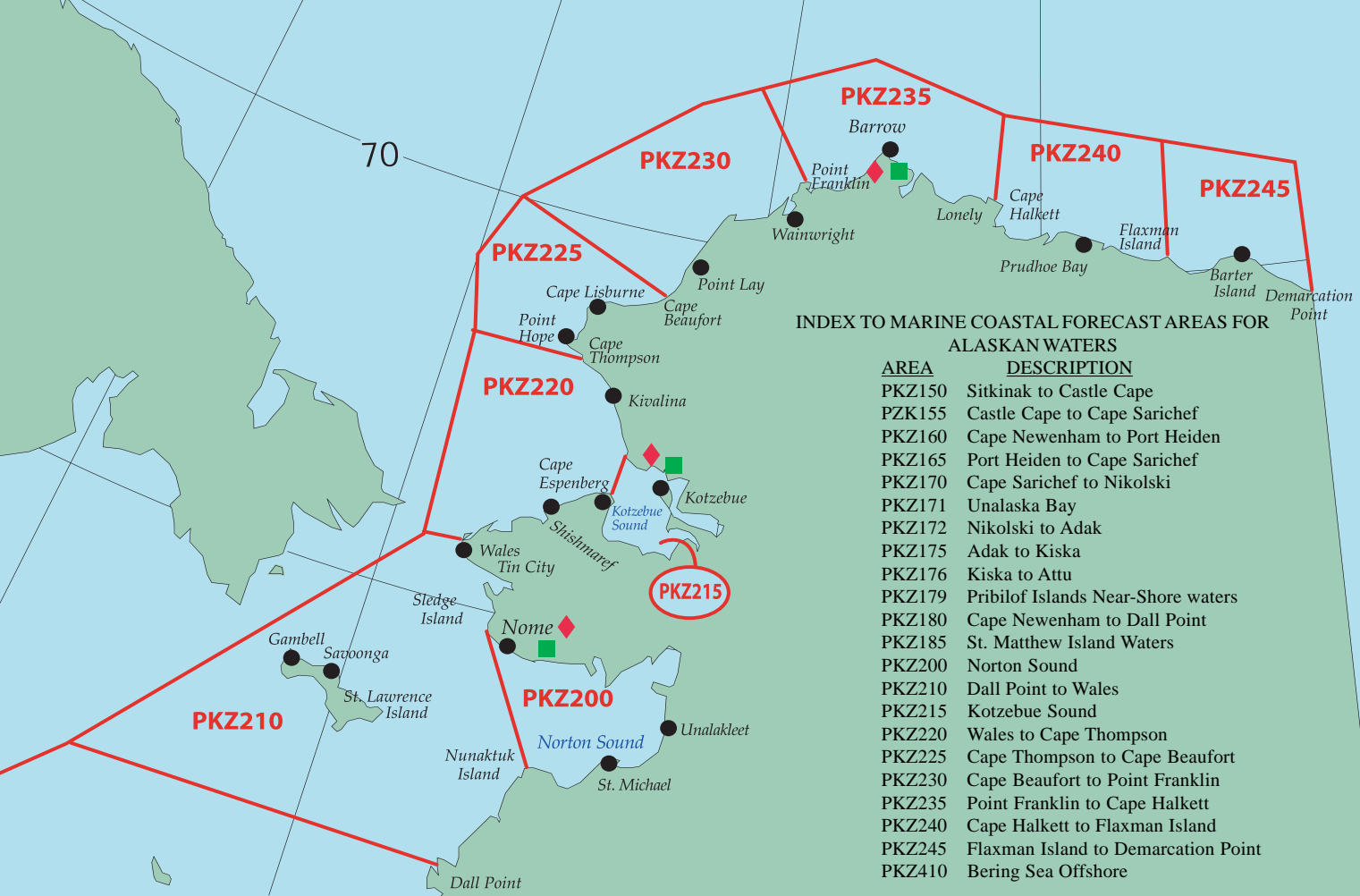


MARINER'S WEATHER GUIDE

Alaska Peninsula Aleutian Islands Bering Sea and Arctic Coastal Waters



MARINE FORECAST CONTENT

Synopsis: Located at the beginning of the marine forecast, it describes location and intensity of weather systems which will affect Alaskan waters and indicates what their movements will be during forecast period.

Wind Speed: The predominant winds expected over open water, given in knots. **Gusts** are mentioned when they are expected to be much higher than average winds. Due to the rugged coastline of Alaska, considerable local variations from forecast winds are possible.

Wind Direction: The direction from which the wind is blowing. Direction is based on true north, not magnetic bearings.

Sea State: The average of the highest one-third of the waves expressed as a combination of wind wave and swell height, given in feet. Wind waves are waves generated by local winds, and swells are long waves formed from a distant storm.

Weather and Visibility: Forecasts for rain, snow, showers, freezing spray, and fog are included, followed by a statement about visibility if it is expected to be below 1 nautical mile.

Warnings and Advisories: Headlines for warnings and advisories valid for at least the first 24 hours of the forecast are included at the top.

NOAA WEATHER RADIO

Continuous weather broadcasts are available from the National Weather Service and the U.S. Coast Guard. The Coast Guard communications "high sites" are being used to relay NOAA Weather Radio broadcasts across coastal Alaska.

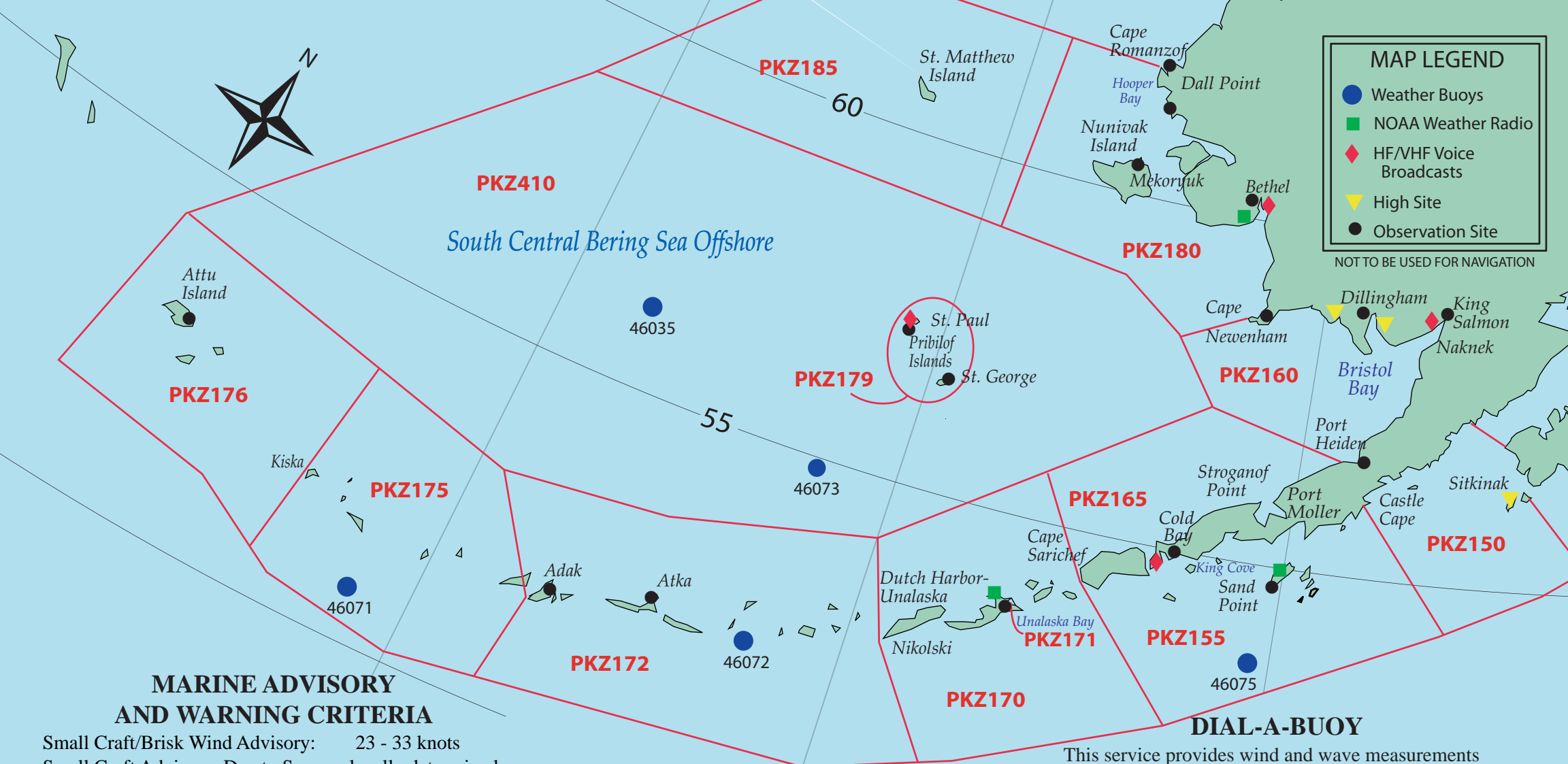
Weather information may be found on VHF high-band FM frequencies between 162.400 and 162.500 MHz; weather channels 1-7.



NOAA Photo Library

National Weather Service
Alaska Region
www.arh.noaa.gov





MAP LEGEND

- Weather Buoys
- NOAA Weather Radio
- ◆ HF/VHF Voice Broadcasts
- ▼ High Site
- Observation Site

NOT TO BE USED FOR NAVIGATION

MARINE ADVISORY AND WARNING CRITERIA

- Small Craft/Brisk Wind Advisory: 23 - 33 knots
- Small Craft Advisory Due to Seas: locally determined
- Gale Warning: 34 - 47 knots
- Storm Warning: 48 - 63 knots
- Hurricane Force Wind Warning: 64 knots or higher

Heavy Freezing Spray Warning: Issued for imminent or occurring icing conditions of 0.3 inch per hour or greater accumulation (icing class "moderate" or greater.)

Special Marine Warning: A warning of potentially hazardous weather conditions usually of short duration (up to 2 hours) producing sustained marine thunderstorm winds or associated gusts of 34 knots or greater; and/or hail 3/4 inch or more in diameter; and/or waterspouts affecting areas included in a Coastal Waters Forecast.

TO OBTAIN INFORMATION

National Weather Service Office:

- Anchorage 907-266-5105
- Barrow 907-852-6484
- Bethel 907-543-2236
- Cold Bay 907-532-2448
- Fairbanks 907-458-3700
- King Salmon 907-246-3303
- Kotzebue 907-442-3231
- Nome 907-443-2321
- St. Paul 907-546-2215

Alaska Weather Line:

- Recorded Weather Statewide Menu
- Within Alaska 800-472-0391

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.

To access Dial-A-Buoy, dial (228) 688-1948, or visit this web site: www.ndbc.noaa.gov. Use the station identifier to request the observation. Detailed marine weather information is available including temperature, wind direction and speed, wave height, swell, wave period, and steepness.

FORECAST ISSUANCE TIMES
 0400 hours and 1600 hours
 Daylight (ADT) and Standard (AST) time
 Marine warnings and amendments are issued as required.