



MARINE WEATHER GUIDE

Environment Canada's Marine Weather Services for the Pacific Coast

FORECAST PRODUCTS

The **Regular Forecast** includes detailed forecast wind speed and direction, weather and visibility, and any wind and freezing spray warnings in effect for the current and following day. (Days 1 and 2)

The **Extended Forecast** includes a general description of expected wind conditions for the period from the end of the Regular Forecast to the end of the fifth day of the forecast period. (Days 3 to 5)

The **Technical Marine Synopsis** gives a general picture of the position and motion of the main weather features (lows, highs, fronts).

The **Marine Weather Statement** informs of potentially hazardous conditions and/or significant weather features.

The **Wave Height Forecast** describes the expected significant wave height rather than the maximum wave height. Significant wave height is defined as the average of the highest one-third of all waves. Wave heights are described in metres and are measured from trough to crest. Maximum wave heights may be twice as high as the significant wave height.

The **NAVTEX Forecast** is a shortened version of the marine forecast products. It is transmitted by the Canadian Coast Guard and primarily intended for international users in Canadian waters.

MARINE OBSERVATIONS

Environment Canada and its partner organizations provide weather observations and buoy reports along the coast. See maps for observing site locations.

