



140° W

Bowie

50°

135° W

Marine Weather Buoys

46004 Middle Nomad
46036 South Nomad
46131 Sentry Shoal
46132 South Brooks
46145 Dixon Entrance Central
46146 Halibut Bank
46147 South Moresby
46181 Nanakwa Shoal
46183 North Hecate Strait
46184 North Nomad
46185 South Hecate Strait
46204 West Sea Otter
46205 Dixon Entrance West
46206 La Perouse Bank
46207 East Dellwood
46208 West Moresby

— Forecast
Boundaries
▲ Marine
Weather Buoy
--- Canada/US
Boundary

FORECAST ISSUE TIMES:

Technical Marine Synopsis } 4 am; 10:30 am; 4 pm; 9:30 pm
Regular Forecast } (PDT/PST)
Extended Forecast: 4 am; 4 pm (PDT/PST)
Wave Height Forecast: 2 am; 2 pm (PDT/PST)

Ch 21B – 161.65 MHz
WX1 – 162.55 MHz
WX2 – 162.40 MHz
WX3 – 162.475 MHz

Dixon Entrance
West

46205

46145

46181

46183

46185

46204

46207

46132

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46146

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46004

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46147

46181

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46204

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Date:

Forcast Time:

Definitions of Select Weather Terms Used in the **Canadian Marine Forecasts**

Front: The interface or transition zone between air masses of different densities (temperature and humidity).

Ridge: Region of the atmosphere in which the pressure is high relative to the surrounding region at the same level.

Trough: An elongated area of relatively low atmospheric pressure.

Sea Breeze: Wind in coastal regions, blowing by day from a large water surface towards the land as a result of diurnal heating of the land surface.

Strong Wind Warning: an alert issued to advise mariners that marine wind speeds between 20 and 33 knots inclusive are occurring, or are expected to occur. The terminology for this alert replaces the "Small Craft Warning" which was previously issued for the same wind speed criteria.

Backing Wind: Counter-clockwise change of wind direction, in either hemisphere.

Veering: Clockwise change of wind direction, in either hemisphere

Wind direction: In meteorology, the wind is always given with the direction it is blowing from, using geographic (true) cardinal points.

Wind speeds (for Marine forecast only):

- Light (less than 12 knots)
- Moderate (12-19 knots)
- Strong (20-33 knots)
- Gales (34-47 knots)
- Storm force (48-63 knots)

Celsius / Fahrenheit conversion formula: $^{\circ}\text{F} = ^{\circ}\text{C} \times 9/5 + 32$

1 °C	33.8 °F	6 °C	42.8 °F	11 °C	51.8 °F	16 °C	60.8 °F	21 °C	69.8 °F	26 °C	78.8 °F
2 °C	35.6 °F	7 °C	44.6 °F	12 °C	53.6 °F	17 °C	62.6 °F	22 °C	71.6 °F	27 °C	80.6 °F
3 °C	37.4 °F	8 °C	46.4 °F	13 °C	55.4 °F	18 °C	64.4 °F	23 °C	73.4 °F	28 °C	82.4 °F
4 °C	39.2 °F	9 °C	48.2 °F	14 °C	57.2 °F	19 °C	66.2 °F	24 °C	75.2 °F	29 °C	84.2 °F
5 °C	41.0 °F	10 °C	50.0 °F	15 °C	59.0 °F	20 °C	68.0 °F	25 °C	77.0 °F	30 °C	86.0 °F