

Marine Forecast Areas, Observation Sites and Radio Networks



OBTAINING FORECASTS

Environment Canada's Weather Website:
www.weatheroffice.gc.ca

Forecast Consultation Service (user fees apply):
 1-900-565-6565 (direct billing) or 1-888-292-2222
 (cellphone access, credit card account billing)

Weatheradio:

Environment Canada's public and marine forecasts and warnings broadcast 24 hours a day. For more details, visit

www.ec.gc.ca/weatheradio.

Canadian Coast Guard's Continuous Marine Broadcast (CMB):

Environment Canada's marine weather forecasts and warnings. For information on Radio Aids to Marine Navigation, visit

www.ccg-gcc.gc.ca.

MARINE WEATHER WARNINGS

Strong Wind Warning	20-33 knots (Issued only for southern inner coastal waters between March 20 th and Remembrance Day)
Gale Warning	34-47 knots
Storm Warning	48-63 knots
Hurricane Force Wind Warning	64 knots or greater (Refers to wind speed and does not imply that a hurricane is occurring or expected to occur)
Freezing Spray Warnings	Ice is expected to build up at a rate of 0.7 cm per hour or greater.
Localized Warnings	Issued for any hazardous weather that requires immediate attention. Examples include water spout or squall warnings.

MARINE FORECAST CONTENT

Wind Speed and Direction: The wind speed is the average wind that is expected over the open water, given in units of knots (1 kt = 1.85 km/h). Wind direction refers to the direction from which the wind is blowing (based on true north and not on magnetic bearings). It should also be noted that with the rugged Pacific coastline, considerable local variations from the forecast winds are possible.

Weather and Visibility: A brief description of the weather is included in the forecast when visibility is expected to be reduced to near or below one nautical mile (1.85 km).

Freezing Spray: Is mentioned in the forecast if conditions are likely to result in ice build up on exposed vessel surfaces.

Air Temperature: Is included in the forecast only if temperatures are expected to be at or below 0° Celsius.

www.weatheroffice.gc.ca

CONTACT US

For general inquiries, comments and to report equipment outages, please call: **1-877-789-7733**

e-mail: weather.info.meteo@ec.gc.ca

or visit: www.weatheroffice.gc.ca/mainmenu/contact_us_e.html

SBN: 978-1-100-17964-3
 Cat. No.: En56-233/2011E-PDF

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