

Arctic outflow

Table 1. Alerting parameters Environment Canada uses for issuing an Arctic Outflow Warning

Alert type	Location	Threshold criteria
Warning	Coastal British Columbia regions only	Any combination of wind speed and temperature giving a wind chill of -20 or lower for 6 hours or more. A separate Wind Warning is not required.

Blizzard

Table 2. Alerting parameters Environment Canada uses for issuing a Blizzard Warning

Alert type	Location	Threshold criteria
Warning	National, except North of the tree line	When winds of 40 km/hr or greater are expected to cause widespread reductions in visibility to 400 metres or less, due to blowing snow , or blowing snow in combination with falling snow , for at least 4 hours .
Warning	North of the tree line	Same as above, except conditions are expected to last for at least 6 hours .

Blowing snow

Table 3. Alerting parameters Environment Canada uses for issuing a Blowing Snow Advisory

Alert type	Location	Threshold criteria
Advisory	National, south of tree line	When blowing snow , caused by winds of at least 30 km/h, is expected to reduce visibility to 800 metres or less for at least 3 hours.

Dust storm

Table 4. Alerting parameters Environment Canada uses for issuing a Dust Storm Warning

Alert type	Location	Threshold criteria
Warning	Alberta, Saskatchewan and Manitoba (ONLY)	When blowing dust is expected to occur, reducing visibility to 800 metres or less for one hour or more.

Extreme cold

Table 5. Alerting parameters Environment Canada uses for issuing an Extreme Cold Warning

Alert type	Location	Threshold criteria
Warning	South-central and Southwestern Ontario	Issued when the temperature or wind chill is expected to reach minus 30°C for at least two hours.
Warning	Southeastern Ontario, Southern Interior and Coastal B.C., Atlantic Canada except Labrador	Issued when the temperature or wind chill is expected to reach minus 35°C for at least two hours.
Warning	Western, Central and Eastern Quebec	Issued when the temperature or wind chill is expected to reach minus 38°C for at least two hours.
Warning	Central Interior B.C., Northern Ontario, Prairies - Alberta, Southern Saskatchewan, Southern Manitoba	Issued when the temperature or wind chill is expected to reach minus 40°C for at least two hours.
Warning	Far Northern Ontario, northern Saskatchewan, northern Manitoba, Northern B.C., Labrador	Issued when the temperature or wind chill is expected to reach minus 45°C for at least two hours.
Warning	Northern Quebec	Issued when the temperature or wind chill is expected to reach minus 48°C for at least two hours.
Warning	Yukon, NWT (except Paulatuk, Sachs Harbour and Ulukhaktok), Baffin Island (except Igloolik and Hall Beach), extreme northeast Manitoba	Issued when the temperature or wind chill is expected to reach minus 50°C for at least two hours.

Table 5. Alerting parameters Environment Canada uses for issuing an Extreme Cold Warning

Alert type	Location	Threshold criteria
Warning	Nunavik	Issued when the temperature or wind chill is expected to reach minus 52°C for at least two hours.
Warning	NWT (Paulatuk, Sachs Harbour and Ulukhaktok only), Baffin Island (Igloolik and Hall beach only) Western and Northern Nunavut	Issued when the temperature or wind chill is expected to reach minus 55°C for at least two hours.

Flash freeze

Table 6. Alerting parameters Environment Canada uses for issuing a Flash Freeze Warning

Alert type	Location	Threshold criteria
Warning	National, except Nunavik*	When significant ice is expected to form on roads, sidewalks or other surfaces over much of a region because of the freezing of residual water from either melted snow , or falling/fallen rain due to a rapid drop in temperatures .

*No [alert](#) of this type exists for this region at this moment.

Fog

Table 7. Alerting parameters Environment Canada uses for issuing a Fog Advisory

Alert type	Location	Threshold criteria
Advisory	Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island	When low visibilities in fog are expected for at least 18 hours .
Advisory	Elsewhere National, except Nunavik*	When low visibilities in fog are expected for at least six hours .

*No alert of this type exists for this region at this moment.

Freezing drizzle

Table 8. Alerting Parameters Environment Canada uses for issuing a Freezing Drizzle Advisory

Alert type	Location	Threshold criteria
Advisory	National, except Nunavik*	When a period of freezing drizzle is expected for at least eight hours .

*No [alert](#) of this type exists for this region at this moment.

Freezing rain

Table 9. Alerting Parameters Environment Canada uses for issuing a Freezing Rain Warning

Alert type	Location	Threshold criteria
Warning	British Columbia, Yukon, Alberta, Saskatchewan, Manitoba, Northwest Territories, Nunavut, Ontario and Quebec (except Nunavik*)	When freezing rain is expected to pose a hazard to transportation or property; Or When freezing rain is expected for at least two hours .
Warning	Nova Scotia, New Brunswick, Prince Edward Island, Magdalen Islands, Newfoundland and Labrador	When freezing rain is expected to pose a hazard to transportation or property; Or When freezing rain is expected for at least four hours .

*No [alert](#) of this type exists for this region at this moment.

Frost

Table 10. Alerting parameters Environment Canada uses for issuing a Frost Advisory

Alert type	Location	Threshold criteria

Table 10. Alerting parameters Environment Canada uses for issuing a Frost Advisory

Alert type	Location	Threshold criteria
Advisory	Southern portions of Canada except British Columbia	Issued during the growing season when widespread frost formation is expected over an extensive area. Surface temperatures are expected to fall near freezing in the overnight period.

Heat

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
Warning	Alberta - Extreme south (including Pincher Creek, Cardston, Lethbridge, and Medicine Hat)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 32°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer.
Warning	Alberta - Remainder of Alberta (including the Cities of Edmonton, Red Deer and Calgary)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 14°C or warmer.

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
Warning	British Columbia – Northeast – Northern Interior, Central Interior, including Chilcotin, Cariboos, Prince George, North Thompson, and North Columbia, BC Peace, Bulkley Valley and the Lakes and Fort Nelson	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 14°C or warmer.
Warning	British Columbia – Northwest – Central and Northern Coast (inland and coastal regions), Northern Vancouver Island, and northwestern BC	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 28°C or warmer and nighttime minimum temperatures are expected to fall to 13°C or warmer.
Warning	British Columbia – Southeast – Fraser Valley, Southern interior (including South Thompson and Okanagan), Kootenays, and Columbias (south)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 35°C or warmer and nighttime minimum temperatures are expected to fall to 18°C or warmer.
Warning	British Columbia – Southwest – Metro Vancouver, Howe Sound, Whistler, Sunshine Coast, Vancouver Island (except northern sections)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer.
Warning	Manitoba - North	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer. Or

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
		Issued when 2 or more consecutive days of humidex values are expected to reach 34 or higher.
Warning	Manitoba - South	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 32°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 38 or higher.
Warning	New Brunswick	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 30°C or warmer and nighttime minimum temperatures are expected to fall to 18°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 36 or higher.
Warning	Newfoundland and Labrador	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 26°C or warmer and nighttime minimum temperatures are expected to fall to 15°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
		reach 34 or higher.
Warning	Northwest Territories	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 14°C or warmer.
Warning	Nova Scotia	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 36 or higher.
Warning	Nunavut	No Heat Warning Program at this time.
Warning	Ontario - extreme southwest (Essex and Chatham-Kent Counties)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 31°C or warmer and nighttime minimum temperatures are expected to fall to 21°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
		reach 42 or higher.
Warning	Ontario - North	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 18°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 36 or higher.
Warning	Ontario - remainder of southern Ontario (including the District of Parry Sound)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 31°C or warmer and nighttime minimum temperatures are expected to fall to 20°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 40 or higher.
Warning	Prince Edward Island	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 27°C or warmer and nighttime minimum temperatures are expected to fall to 18°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
		reach 35 or higher.
Warning	Quebec, except Nunavik*	Issued when the humidex value is 40 or higher and when the temperature is 30°C or warmer, and both conditions persist for at least one hour. Or Issued when temperature is 40°C or warmer.
Warning	Saskatchewan - North and Central (including Meadow Lake, The Battlefords, Prince Albert, and Hudson Bay)	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 29°C or warmer and nighttime minimum temperatures are expected to fall to 14°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 34 or higher.
Warning	Saskatchewan - South	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 32°C or warmer and nighttime minimum temperatures are expected to fall to 16°C or warmer. Or Issued when 2 or more consecutive days of humidex values are expected to reach 38 or higher.

Table 11. Alerting parameters Environment Canada uses for issuing a Heat Warning

Alert type	Location	Threshold criteria
Warning	Yukon Territory	Issued when 2 or more consecutive days of daytime maximum temperatures are expected to reach 28°C or warmer and nighttime minimum temperatures are expected to fall to 13°C or warmer.

*No [alert](#) of this type exists for this region at this moment.

Hurricane

Table 12. Alerting Parameters Environment Canada uses for issuing a Hurricane Watch and/or Warning

Alert type	Location	Threshold criteria
Watch	National, including all coastal and inland regions	When, within the following 36 hours, a hurricane or a developing hurricane is expected to pose a possible threat, with the risk of hurricane force winds (average sustained winds of 118 km/h or higher) threatening the area.
Warning	National, including all coastal and inland	When hurricane-force gales (average sustained winds of 118 km/h or higher) caused by a hurricane , or a strong tropical storm that may strengthen to hurricane force before making landfall, are expected to occur in 24 hours or less. It may also include areas where storm

Table 12. Alerting Parameters Environment Canada uses for issuing a Hurricane Watch and/or Warning

Alert type	Location	Threshold criteria
	regions	surge or exceptionally high waves are expected, even though winds may be less than hurricane force.

Rainfall

Table 13. Alerting parameters for a Short Duration Rainfall (Heavy Downpour) Warning

Alert type	Location	Threshold criteria
Warning	Alberta, Saskatchewan, Manitoba, Ontario, and Quebec (except Nunavik*)	When 50 mm or more of rain is expected within one hour.
Warning	Interior dry sections of British Columbia	When 15 mm or more of rain is expected within one hour.
Warning	Remaining sections of British Columbia, Yukon, Northwest Territories, Nunavut,	When 25 mm or more of rain is expected

Table 13. Alerting parameters for a Short Duration Rainfall (Heavy Downpour) Warning

Alert type	Location	Threshold criteria
	New Brunswick, Prince Edward Island, Nova Scotia, Newfoundland and Labrador	within one hour.

Table 14. Alerting parameters Environment Canada uses for issuing a Long Duration Rainfall Warning in the Summer

Alert type	Location	Threshold criteria
Warning	National, except Nunavik* and portions of British Columbia, as specified below	When 50 mm or more of rain is expected within 24 hours; or When 75 mm or more of rain is expected within 48 hours.
Warning	NEW - Interior dry sections of British Columbia	When 25 mm or more of rain is expected within 24 hours.
Warning	Inland Vancouver Island, West Vancouver Island, North Vancouver Island, Central Coast - coastal sections,	When 100 mm or more of rain is expected

Table 13. Alerting parameters for a Short Duration Rainfall (Heavy Downpour) Warning

Alert type	Location	Threshold criteria
	and North Coast - coastal sections	within 24 hours.

Table 15. Alerting parameters Environment Canada uses for issuing a Long Duration Rainfall Warning in the Winter

Alert type	Location	Threshold criteria
Warning	National, except Nunavik* and British Columbia	When 25 mm or more of rain is expected within 24 hours.
Warning	British Columbia, except except Inland Vancouver Island, West Vancouver Island, North Vancouver Island, Central Coast - coastal sections, and North Coast - coastal sections	When 50 mm or more of rain is expected within 24 hours; or When 75 mm or more of rain is expected within 48 hours.
Warning	Inland Vancouver Island, West Vancouver Island, North Vancouver Island,	When 100 mm or more of rain is expected within 24

Table 15. Alerting parameters Environment Canada uses for issuing a Long Duration Rainfall Warning in the Winter

Alert type	Location	Threshold criteria
	Central Coast - coastal sections, and North Coast - coastal sections	hours.

Table 16. Alerting parameters Environment Canada uses for issuing a Long Duration Rainfall Warning during a Thaw Only

Alert type	Location	Threshold criteria
Warning	Interior British Columbia, Fort Nelson, Muncho Lake Park - Stone Mountain Park, Dease Lake, Cassiar Mountains, and Atlin	When 25 mm or more of rain is expected to within 24 hours.

*No [alert](#) of this type exists for this region at this moment.

Severe thunderstorm

Table 17. Alerting parameters Environment Canada uses for issuing a Severe Thunderstorm Watch and/or Warning

Alert type	Location	Threshold criteria
Watch	National, except Nunavik*	<p>When conditions are favourable for the development of severe thunderstorms with one or more of the following conditions:</p> <ul style="list-style-type: none">• Wind gusts of 90 km/h or greater, which could cause structural wind damage;• Hail of two centimeters (cm) or larger in diameter; or• Heavy rainfall, as per rainfall criteria, excluding those for winter and during thaw (see above).
Warning	National, except Nunavik*	<p>When there is evidence based on radar, satellite pictures, or from a reliable spotter that any one or more of the following three weather conditions is imminent or occurring:</p> <ul style="list-style-type: none">• Wind gusts of 90 km/h or greater, which could cause structural wind damage;• Hail of two centimeters (cm) or larger in diameter; or• Heavy rainfall, as per rainfall criteria, excluding those for winter and during thaw (see above).

*No [alert](#) of this type exists for this region at this moment.

Snowfall

Table 18. Alerting parameters Environment Canada uses for issuing a Snowfall Warning

Alert type	Location	Threshold criteria
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Table 18. Alerting parameters Environment Canada uses for issuing a Snowfall Warning

Alert type	Location	Threshold criteria
Warning	Newfoundland and Labrador, New Brunswick, Nova Scotia, Prince Edward Island, Magdalen Islands, Quebec (except Nunavik*), Ontario and the following regions of British Columbia: Whistler, Howe Sound, Inland Vancouver Island, North Columbia, West Columbia, Kinbasket, Elk Valley, Yoho Park - Kootenay Park, North Coast - Inland Sections, West Kootenay, Arrow Slocan Lakes, Kootenay Lake, Cassiar Mountains	When 15 cm or more of snow falls within 12 hours or less.
Warning	British Columbia: Southern and Central Coast - coastal sections	When 10 cm or more of snow falls within 12 hours or less; or When five cm or more of snow falls within six hours or less.
Warning	Haines Skagway roads, Yukon / British Columbia	When 20 cm or more of snow falls within 24 hours or less.
Warning	Alberta, Saskatchewan, Manitoba, Northwest Territories, Nunavut, Yukon, and all remaining areas of British Columbia	When 10 cm or more of snow falls within 12 hours or less.

*No [alert](#) of this type exists for this region at this moment.

Snow squall

Table 19. Alerting parameters Environment Canada uses for issuing a Snow Squall Watch

Alert type	Location	Threshold criteria
Open-Water		
Watch	National, except Nunavik*	<p>When conditions are favourable for the development of open water snow squall down wind of large bodies of water, like the Great Lakes, with one or more of the following conditions:</p> <ul style="list-style-type: none">Localized, intense snowfall producing snowfall amounts of 15 cm or more in 12 hours or less.Reduced visibility (less than 400 metres) caused by heavy snow with or without blowing snow for 3 hours or more. <p>Note that local snow accumulations may be significant.</p>
Frontal		
Watch	National, except Nunavik*	When conditions are favourable for the development of brief periods of very poor visibilities caused by heavy snow and blowing snow.

*No [alert](#) of this type exists for this region at this moment.

Table 20. Alerting parameters Environment Canada uses for issuing a Snow Squall Warning

Alert type	Location	Threshold criteria
Open-Water		
Warning	National, except Nunavik*	<p>When, down wind of large bodies of water, like the Great Lakes, snow squalls are imminent or occurring with one or more of the following conditions being produced:</p> <ul style="list-style-type: none">Localized, intense snowfall producing snowfall amounts of 15 cm or more in 12 hours or less.Reduced visibility (less than 400 metres) caused by heavy snow with or without blowing snow for 3 hours or more. <p>Note that local snow accumulations may be significant.</p>
Frontal		
Warning	National, except Nunavik*	When there is a brief period (less than one hour) of very poor visibility (400 m or less), caused by heavy snow and blowing snow , and accompanied by strong, gusty winds of 45 km/h or greater, is expected to occur with the passage of a cold front .

*No [alert](#) of this type exists for this region at this moment.

Storm surge

Table 21. Alerting parameters Environment Canada uses for issuing a Storm Surge Warning

Alert type	Location	Threshold criteria
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Table 21. Alerting parameters Environment Canada uses for issuing a Storm Surge Warning

Alert type	Location	Threshold criteria
Warning	Nova Scotia, New Brunswick, Prince Edward Island, Newfoundland and Labrador, Quebec - along the St. Lawrence and Gulf of St. Lawrence coastal areas and the Magdalen Islands	Issued for abnormally high water levels and high waves (storm surge or storm tide) caused by storms, which have the potential to cause coastal flooding. This usually occurs when astronomical tides are at their maximum.

Tornado

Table 22. Alerting parameters Environment Canada uses for issuing a Tornado Watch and/or Warning

Alert type	Location	Threshold criteria
Watch	National, except Nunavik*	When conditions are favourable for the development of severe thunderstorms with one or more tornadoes .
Warning	National, except Nunavik*	When a tornado has been reported; or when there is evidence based on radar , or from a reliable spotter that a tornado is imminent.

*No [alert](#) of this type exists for this region at this moment.

Tropical storm

Table 23. Alerting parameters Environment Canada uses for issuing a Tropical Storm Watch and/or Warning

Alert type	Location	Threshold criteria
Watch	National, including all coastal and inland regions	<p>When, within the following 36 hours, a tropical storm or a developing tropical storm is expected to pose a possible threat, with the risk of tropical-storm force winds (average sustained winds of 63-117 km/h) threatening the area. This watch could be issued for:</p> <ul style="list-style-type: none">• A tropical storm; or• A hurricane that might approach an area but be far enough away that it is expected to bring gales that are less than hurricane force (118 km/h or higher).
Warning	National, including all coastal and inland regions	<p>When coastal and/or coastal winds of 63 to 117 km/h caused by a tropical cyclone are expected to occur.</p>

Tsunami

Table 24. Alerting parameters Environment Canada uses for issuing a Tsunami Alert

Alert type	Location	Threshold criteria
Advisory	East Coast : Coastal areas of Nova Scotia, New Brunswick, Prince Edward Island, Newfoundland and Labrador, and areas of Quebec adjacent to the St. Lawrence River estuary and Gulf of St. Lawrence	<p>A tsunami advisory indicates a tsunami with the potential to produce strong currents or waves and is dangerous to those in or very near the water is</p>

Table 24. Alerting parameters Environment Canada uses for issuing a Tsunami Alert

Alert type	Location	Threshold criteria
	West Coast : Coastal areas and inlets of British Columbia	imminent, expected, or occurring. Large inundations are not expected in areas under advisory status. Note: Tsunami advisories are issued in partnership with provincial and federal organizations in response to a message from the National Tsunami Warning Center .
Warning	East Coast : Coastal areas of Nova Scotia, New Brunswick, Prince Edward Island, Newfoundland and Labrador, and areas of Quebec adjacent to the St. Lawrence River estuary and Gulf of St. Lawrence West Coast : Coastal areas and inlets of British Columbia	A tsunami warning indicates that a tsunami is imminent, expected, or occurring and that coastal locations in the warned area should expect widespread flooding. Note: Tsunami warnings are issued in partnership with provincial and federal organizations in response to a message from the National Tsunami Warning Center .
Watch	East Coast : Coastal areas of Nova Scotia, New Brunswick, Prince Edward Island, Newfoundland and Labrador, and areas of Quebec adjacent to the St. Lawrence River estuary and Gulf of St. Lawrence West Coast : Coastal areas and inlets of British Columbia	A tsunami watch is an early alert issued to areas which may later be impacted by a tsunami. Note: Tsunami watches are issued in partnership with provincial and federal organizations in response to a message from the National Tsunami Warning Center .

Weather

Table 25. Alerting parameters Environment Canada uses for issuing a Weather Advisory and/or Warning

Alert type	Location	Threshold criteria
Advisory	National, except Nunavik*	A generic weather advisory. One example might be on days when funnel clouds are expected, but a Tornado alert would not be appropriate.
Warning	National, except Nunavik*	<p>A generic weather warning may be issued for extreme weather events for which there is no suitable warning type, because they rarely occur.</p> <p>A generic weather warning may also be issued for other weather events during situations where the environment is vulnerable due to pre-existing conditions and any further weather could result in a significant hazard. For example: 50 km/h winds following an ice storm which could cause structural wind damage.</p> <p>A generic weather warning may also be issued for situations where the event is not expected to reach warning criteria values, but there is a special reason for the warning. For example: the first event of the season, or an off-season event.</p>

*No [alert](#) of this type exists for this region at this moment.

Wind

Table 26. Alerting parameters Environment Canada uses for issuing a Wind Warning

Alert type	Location	Threshold criteria
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Table 26. Alerting parameters Environment Canada uses for issuing a Wind Warning

Alert type	Location	Threshold criteria
Warning	National Including: Les Suêtes (The warning covers only the coast of the “INVERNESS COUNTY - MABOU AND NORTH” forecast region in Nova Scotia)	70 km/h or more sustained wind ; and/or Gusts to 90 km/h or more.
Warning	Except: Alberta Crownsnest Pass - Pincher Creek - Waterton Lakes Nat. Park Cardston - Fort Macleod - Magrath City of Lethbridge; Newfoundland and Labrador, including: Wreckhouse Winds (The warning covers only the Wreckhouse area of the West Coast of Newfoundland) Yukon Dempster British Columbia Western Vancouver Island	80 km/h or more sustained wind ; and/or Gusts to 100 km/h or more.
Warning	Except: British Columbia North Vancouver Island	90 km/h or more sustained wind ; and/or

Table 26. Alerting parameters Environment Canada uses for issuing a Wind Warning

Alert type	Location	Threshold criteria
	Central Coast - coastal sections North Coast - coastal sections Haida Gwaii	Gusts to 110 km/h or more.

Winter storm**

Table 27. Alerting parameters Environment Canada uses for issuing a Winter Storm Watch and/or Warning

Alert type	Location	Threshold criteria
Watch	National, except Nunavik*	When conditions are favourable for the development of severe and potentially dangerous winter weather , including: <ul style="list-style-type: none">• A blizzard;• A major snowfall (25 cm or more within a 24 hour period); and• A significant snowfall (snowfall warning criteria amounts) combined with other winter weather hazard types such as: freezing rain, rainfall (over coastal BC only), strong winds, blowing snow and/or extreme wind chill.
Warning	National, except	When severe and potentially dangerous winter weather conditions are expected, including:

Table 27. Alerting parameters Environment Canada uses for issuing a Winter Storm Watch and/or Warning

Alert type	Location	Threshold criteria
	Nunavik*	<ul style="list-style-type: none">• A major snowfall (25 cm or more within a 24 hour period); and• A significant snowfall (snowfall warning criteria amounts) combined with other cold weather precipitation types such as: freezing rain, strong winds, blowing snow and/or extreme cold. <p>Blizzard conditions may be part of an intense winter storm, in which case a blizzard warning is issued instead of a winter storm warning.</p>

*No [alert](#) of this type exists for this region at this moment.

**Winter storm conditions are not necessarily restricted to the winter season, and may occur in the late autumn and early spring, as well.

Additional information in all alerts

The alert statements will include impact and call-to-action statements, designed to help Canadians be more aware of the risk of severe weather. This will allow them to take appropriate action to protect themselves, their families and their property.

A Call to Action statement provides information on how Canadians can protect themselves, family or property in this specific set of circumstances - some examples of a Call to Action statement are:

- **Strong winds can cause unusually high waves. Keep a safe distance from the waterfront to avoid being swept away.**
- **It is recommended to stay indoors. If this is not possible, limit time spent outdoors and exposure to the cold as much as possible to reduce the risk of frostbite and hypothermia.**
- **Public Safety Canada encourages everyone to make an emergency plan and get an emergency kit with drinking water, food, medicine, a first-aid kit and a flashlight.**

An Impact statement is designed to indicate what could happen if the forecast conditions occur - some examples of an Impact statement are:

- **Surfaces such as highways, roads, walkways and parking lots will become icy, slippery and extremely hazardous.**
- **Be prepared for winter conditions at higher elevations.**

Twitter hashtags, such as #bcstorm and #ONstorm will also be included in the alert statements so that Canadians can report local severe weather observations to Environment Canada. Note that hashtags are case-insensitive.