

WIND CHILL



The Chilling Facts

Check for weather forecasts and warnings

Environment Canada weather forecasts are available through radio and TV broadcasts, on Weatheradio, recorded telephone messages, and web sites.

weather forecasts: www.weatheroffice.ec.gc.ca

wind chill information site: www.windchill.ec.gc.ca



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Wind Chill Hazards

Wind Chill	Description	Hazard
0 to -9	Low	<ul style="list-style-type: none">• Slight increase in discomfort.
-10 to -24	Moderate	<ul style="list-style-type: none">• Uncomfortable.• Exposed skin feels cold.• Risk of hypothermia if outside for long periods.
-25 to -44	Cold	<ul style="list-style-type: none">• Risk of skin freezing (frostbite).• Check face, fingers, toes, ears and nose for numbness or whiteness.• Risk of hypothermia if outside for long periods.
-45 to -59	Extreme	<ul style="list-style-type: none">• Exposed skin may freeze in minutes.• Check face, fingers, toes, ears and nose for numbness or whiteness.• Serious risk of hypothermia if outside for long periods.• Be ready to cut short or cancel outdoor activities.
-60 and colder	Extreme	<p>DANGER!</p> <ul style="list-style-type: none">• Outdoor conditions are hazardous.• Exposed skin may freeze in less than 2 minutes.

Canadian Wind Chill Chart

Temperature (°C)

	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50
5	-2	-7	-13	-19	-24	-30	-36	-41	-47	-53	-58
10	-3	-9	-15	-21	-27	-33	-39	-45	-51	-57	-63
15	-4	-11	-17	-23	-29	-35	-41	-48	-54	-60	-66
20	-5	-12	-18	-24	-30	-37	-43	-49	-56	-62	-68
25	-6	-12	-19	-25	-32	-38	-44	-51	-57	-64	-70
30	-6	-13	-20	-26	-33	-39	-46	-52	-59	-65	-72
35	-7	-14	-20	-27	-33	-40	-47	-53	-60	-66	-73
40	-7	-14	-21	-27	-34	-41	-48	-54	-61	-68	-74
45	-8	-15	-21	-28	-35	-42	-48	-55	-62	-69	-75
50	-8	-15	-22	-29	-35	-42	-49	-56	-63	-69	-76
55	-8	-15	-22	-29	-36	-43	-50	-57	-63	-70	-77
60	-9	-16	-23	-30	-36	-43	-50	-57	-64	-71	-78
65	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79
70	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-80
75	-10	-17	-24	-31	-38	-45	-52	-59	-66	-73	-80
80	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81

Risk of frostbite in prolonged exposures below -25

Frostbite possible in 10 minutes at -35

Frostbite possible in less than 2 minutes at -60