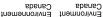


Canada









chill values go below -27.





chill values go below -27. risk of frostbite increases rapidly when wind wind chills can freeze in only minutes. The called wind chill. Exposed skin at very cold combined effect of temperature and wind is The cooling sensation caused by the

# risk of frostbite increases rapidly when wind wind chills can freeze in only minutes. The called wind chill. Exposed skin at very cold combined effect of temperature and wind is The cooling sensation caused by the



### SEVEN STEPS TO COLD WEATHER SAFETY:

- I. Check the weather forecast before planning outdoor activities.
- 2. Dress in layers with a wind resistant outer layer, wear a hat, mittens, and scarf or face mask when it is cold.
- 3. Limit your time outdoors when it is very cold.
- 4. Seek shelter get out of the wind.
- 5. Stay dry.
- 6. Keep active to stay warmer.
- 7. Watch for signs of frostbite numbness and white patches on skin.

En56-221/2-2008E 978-0-662-47609-2

### SEVEN STEPS TO COLD WEATHER SAFETY:

- I. Check the weather forecast before planning outdoor activities.
- 2. Dress in layers with a wind resistant outer layer, wear a hat, mittens, and scarf or face mask when it is cold.
- 3. Limit your time outdoors when it is very cold.
- 4. Seek shelter get out of the wind.
- 5. Stay dry.
- 6. Keep active to stay warmer.
- 7. Watch for signs of frostbite numbness and white patches on skin.

En56-221/2-2008E 978-0-662-47609-2

Weather forecasts: www.weatheroffice.gc.ca Wind chill information Web site: www.windchill.ec.gc.ca

Spene

Environment Environnement Canada



Weather forecasts: www.weatheroffice.gc.ca Wind chill information Web site: www.windchill.ec.gc.ca



Environment Environnement Canada Canada





.72- woled go below -27. risk of frostbite increases rapidly when wind wind chills can freeze in only minutes. The called wind chill. Exposed skin at very cold combined effect of temperature and wind is The cooling sensation caused by the



chill values go below -27. risk of frostbite increases rapidly when wind wind chills can freeze in only minutes. The called wind chill. Exposed skin at very cold combined effect of temperature and wind is The cooling sensation caused by the



### SEVEN STEPS TO COLD WEATHER SAFETY:

- I. Check the weather forecast before planning outdoor activities.
- 2. Dress in layers with a wind resistant outer layer, wear a hat, mittens, and scarf or face mask when it is cold.
- 3. Limit your time outdoors when it is very cold.
- 4. Seek shelter get out of the wind.
- 5. Stay dry.
- 6. Keep active to stay warmer.
- 7. Watch for signs of frostbite - numbness and white patches on skin.

En56-221/2-2008E 978-0-662-47609-2

### SEVEN STEPS TO COLD WEATHER SAFETY:

- I. Check the weather forecast before planning outdoor activities.
- 2. Dress in layers with a wind resistant outer layer, wear a hat, mittens, and scarf or face mask when it is cold.
- 3. Limit your time outdoors when it is very cold.
- 4. Seek shelter get out of the wind.
- 5. Stay dry.
- 6. Keep active to stay warmer.
- 7. Watch for signs of frostbite - numbness and white patches on skin.

En56-221/2-2008E 978-0-662-47609-2

Weather forecasts: www.weatheroffice.gc.ca Wind chill information Web site: www.windchill.ec.gc.ca

Weather forecasts: www.weatheroffice.gc.ca Wind chill information Web site: www.windchill.ec.gc.ca

Tips to print the folded wallet card:

- 65 lb cover stock is recommended.
- If your printer cannot do 2 sided (duplex) print, ensure you print the 1st page first, flip the page and print the 2nd page.
- 3. Ensure the page scaling setting is set to NONE.
- After cutting the cards out, score the folded line with blunt knife before folding.

### WIND CHILL CHART Air Temperature (°C) -5 -10 -15 -20 -25 -30 -35 -40 -45 -50 5 -2 -7 -13 -19 -24 -30 -36 -53 -58 -45 -57 -63 -39 10 -3 -9 -15 -21 -27 -33 -48 -54 -60 -66 -4 -11 15 -17 -23 -29 -35 -43 -49 -56 -62 -68 20 -5 -30 -12 -18 -24 -37 25 -6 -12 -25 -32 -38 -44 -51 -57 -64 -70 -19 -59 Wind Speed (km/h) 30 -6 -13 -20 -26 -33 -39 -46 -52 -65 -72 -53 -60 35 -7 -14 -20 -27 -33 -40 -47 -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 -50 -57 -64 -71 -78 65 -9 -16 -23 -30 -44 -51 -58 -65 -72 -79 70 -9 -16 -23 -30 -44 -58 -65 -80 -38 -45 75 -10 -17 -24 -31 -52 -59 -66 -80 -38 -45 -52 80 -10 -17 -24 -31 -60 -67 | -74 -81 Low risk of frostbite High risk in 2 to 5 minutes of exposure Increasing risk in 30 minutes of exposure High risk in 2 minutes or less exposure High risk in 5 to 10 minutes of exposure

### WIND CHILL CHART

T <sub>air</sub>		Air Temperature (°C)										
V <sub>10</sub>		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
Speed (km/h)	30	-6	-13	-20	-26	-33	-39	-46	-52	-59	-65	-72
동	35	-7	-14	-20	-27	-33	-40	-47	-53	-60	-66	-73
eq	40	-7	-14	-21	-27	-34	-41	-48	-54	-61	-68	-74
Spe	45	-8	-15	-21	-28	-35	-42	-48	-55	-62	-69	-75
<u>5</u>	50	-8	-15	-22	-29	-35	-42	-49	-56	-63	-69	-76
Wind	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

Low risk of frostbite

High risk in 2 to 5 minutes of exposure Increasing risk in 30 minutes of exposure High risk in 2 minutes or less exposure

High risk in 5 to 10 minutes of exposure

 $V_{10}$  = wind speed measured 10 metres above ground level



# WIND CHILL CHART

 $V_{10} =$  wind speed measured 10 metres above ground level

T <sub>air</sub>		Air Temperature (°C)											
	<b>V</b> <sub>10</sub>		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
	Ę.	30	-6	-13	-20	-26	-33	-39	-46	-52	-59	-65	-72
	kr	35	-7	-14	-20	-27	-33	-40	-47	-53	-60	-66	-73
	Wind Speed (km/h)	40	-7	-14	-21	-27	-34	-41	-48	-54	-61	-68	-74
	be	45	-8	-15	-21	-28	-35	-42	-48	-55	-62	-69	-75
	b	50	-8	-15	-22	-29	-35	-42	-49	-56	-63	-69	-76
	ž	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

- Low risk of frostbite
- High risk in 2 to 5 minutes of exposure
- Increasing risk in 30 minutes of exposure High risk in 2 minutes or less exposure High risk in 5 to 10 minutes of exposure
- $V_{10}$  = wind speed measured 10 metres above ground level



# WIND CHILL CHART

T <sub>air</sub>		Air 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
Speed (km/h)	30	-6	-13	-20	-26	-33	-39	-46	-52	-59	-65	-72
동	35	-7	-14	-20	-27	-33	-40	-47	-53	-60	-66	-73
ed	40	-7	-14	-21	-27	-34	-41	-48	-54	-61	-68	-74
Spe	45	-8	-15	-21	-28	-35	-42	-48	-55	-62	-69	-75
<u> </u>	50	-8	-15	-22	-29	-35	-42	-49	-56	-63	-69	-76
Wind	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

- Low risk of frostbite
- High risk in 2 to 5 minutes of exposure
- Increasing risk in 30 minutes of exposure High risk in 2 minutes or less exposure High risk in 5 to 10 minutes of exposure
- V<sub>10</sub> = wind speed measured 10 metres above ground level

