

# Wind Chill Chart

Busses not running when:

Temperature including wind chill at, or lower than -40° C by no later than 7:00 a.m.

Temp	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55
<b>Winds</b>												
6	-2.0	-7.8	-13.5	-19.3	-25.0	-30.8	-36.5	-42.3	-48.0	-53.8	-59.5	-65.3
7	-2.4	-8.2	-14.0	-19.8	-25.7	-31.5	-37.3	-43.1	-48.9	-54.7	-60.5	-66.4
8	-2.7	-8.6	-14.5	-20.4	-26.2	-32.1	-38.0	-43.9	-49.7	-55.6	-61.5	-67.3
9	-3.0	-9.0	-14.9	-20.8	-26.7	-32.7	-38.6	-44.5	-50.4	-56.4	-62.3	-68.2
10	-3.3	-9.3	-15.3	-21.2	-27.2	-33.2	-39.2	-45.1	-51.1	-57.1	-63.1	-69.0
15	-4.4	-10.6	-16.7	-22.9	-29.1	-35.2	-41.4	-47.6	-53.7	-59.9	-66.1	-72.2
20	-5.2	-11.6	-17.9	-24.2	-30.5	-36.8	-43.1	-49.4	-55.7	-62.0	-68.3	-74.7
25	-5.9	-12.3	-18.8	-25.2	-31.6	-38.0	-44.5	-50.9	-57.3	-63.7	-70.2	-76.6
30	-6.5	-13.0	-19.5	-26.0	-32.6	-39.1	-45.6	-52.1	-58.7	-65.2	-71.7	-78.2
35	-7.0	-13.6	-20.2	-26.8	-33.4	-40.0	-46.6	-53.2	-59.8	-66.5	-73.1	-79.7
40	-7.4	-14.1	-20.8	-27.5	-34.1	-40.8	-47.5	-54.2	-60.9	-67.6	-74.3	-80.9
45	-7.8	-14.5	-21.3	-28.0	-34.8	-41.6	-48.3	-55.1	-61.8	-68.6	-75.3	-82.1
50	-8.1	-15.0	-21.8	-28.6	-35.4	-42.2	-49.0	-55.8	-62.7	-69.5	-76.3	-83.1
55	-8.5	-15.3	-22.2	-29.1	-36.0	-42.8	-49.7	-56.6	-63.4	-70.3	-77.2	-84.1
60	-8.8	-15.7	-22.6	-29.5	-36.5	-43.4	-50.3	-57.2	-64.2	-71.1	-78.0	-84.9
65	-9.1	-16.0	-23.0	-30.0	-37.0	-43.9	-50.9	-57.9	-64.8	-71.8	-78.8	-85.8
70	-9.3	-16.3	-23.4	-30.4	-37.4	-44.4	-51.4	-58.5	-65.5	-72.5	-79.5	-86.5
75	-9.6	-16.6	-23.7	-30.8	-37.8	-44.9	-52.0	-59.0	-66.1	-73.1	-80.2	-87.3
80	-9.8	-16.9	-24.0	-31.1	-38.2	-45.3	-52.4	-59.5	-66.6	-73.7	-80.9	-88.0
85	-10.0	-17.2	-24.3	-31.5	-38.6	-45.7	-52.9	-60.0	-67.2	-74.3	-81.5	-88.6
90	-10.2	-17.4	-24.6	-31.8	-39.0	-46.1	-53.3	-60.5	-67.7	-74.9	-82.0	-89.2
95	-10.4	-17.7	-24.9	-32.1	-39.3	-46.5	-53.7	-61.0	-68.2	-75.4	-82.6	-89.8
100	-10.6	-17.9	-25.1	-32.4	-39.6	-46.9	-54.1	-61.4	-68.6	-75.9	-83.1	-90.4

The National Weather Service wind chill index, used by Canadian weather services

$$T_{wc} = 13.12 + 0.6215T_a - 11.37V^{0.16} + 0.3965T_aV^{0.16}$$

where:

$T_{wc}$  is the wind chill index based on the Celsius scale,

$T_a$  is the air temperature in °C, and

$V$  is the air speed in km/h measured at 10 metres (33 ft), standard anemometer height).