

## WIND CHILL CHART

This chart shows the cooling powers of wind on exposed flesh only. Other factors which enter into the development of frostbite are duration of exposure and adequacy of clothing protection. The "equivalent temperature" on the wind chill chart indicates approximately the temperature which, at calm wind conditions, produces the same sensation to exposed flesh as the existing temperature and wind combination.

Actual Thermostat Reading (F) Estimated wind speed in MPH 50 40 30 20 10 0 -10 -20 -30 -40 -50

Equivalent Temperature (F)

Calm	50	40	30	20	10	0	-10	-20	-30	-40	-50
5 mph	48	37	27	16	6	-5	-15	-26	-36	-47	-57
10 mph	40	28	16	-4	-9	-24	-33	-46	-58	-70	-83
15mph	36	22	9	-5	-18	-32	-45	-58	-72	-85	-99
20 mph	32	18	4	-10	-25	-39	-53	-67	-82	-96	11
25 mph	30	16	0	-15	-29	-44	-59	-74	-88	-104	-118
30 mph	28	13	-2	-18	-33	-48	-63	-79	-94	-109	-125
35 mph	27	11	-4	20	-35	-51	-67	-82	-98	-113	-129
40 mph	26	10	-6	-21	-37	-53	-69	-85	-100	-116	-132

LITTLE DANGER -----> INCREASING -----> TO GREAT DANGER

(Wind speeds greater than 40 mph have little added effect.)

Find estimated/actual wind speed in left column and actual temperature at tip. Move down and across, and the intersection is the equivalent temperature. Precautions should be taken accordingly. Description below chart indicates comparative danger of frostbite to exposed flesh.

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