

WIND CHILL INDEX

The Wind Chill Index relates how cold it really is (the actual temperature) to how cold it feels (the apparent temperature due to the cooling power of the wind). Its calculated values, displayed in the following chart, are approximations because of variations of individual body sizes, shapes, and metabolic rates. But it is also an approximation because it is based on the cooling rate of a nude body in the shade—not a very practical daily application for most of us! Nonetheless, many of us do not dress warmly enough to compensate for the wind chill: heed it and prepare properly.

WIND CHILL INDEX		<i>Wind speed (mph)</i>								
		0	5	10	15	20	25	30	35	40
Temperature (°F)	30	32	30	25	21	18	15	12	10	-7
	25	27	25	20	16	12	8	5	2	-1
	20	23	20	14	9	5	1	-2	-6	-9
	15	18	15	9	4	-1	-5	-10	-14	-18
	10	13	10	4	-2	-8	-13	-18	-23	-28
	5	8	5	-2	-9	-15	-20	-26	-32	-38
	0	3	0	-7	-15	-22	-28	-35	-42	-49
	-5	0	-3	-11	-18	-26	-33	-41	-48	-56
	-10	-6	-10	-19	-28	-36	-45	-54	-63	
	-15	-11	-15	-24	-35	-43	-53	-64		
	-20	-16	-20	-30	-41	-52	-63			