

Wind Chill Chart

The wind chill temperature is how cold people and animals feel when outside. Windchill is based on the rate of heat loss from exposed skin caused by wind and cold. As the wind increases, it draws heat from the body, driving down skin temperature and eventually the internal body temperature. Therefore, the wind makes it FEEL much colder.

°F		Wind (mph)																°F																												
		40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10			8	6	4	2	0	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36	-38	-40	-45	-50
0	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36	-38	-40	-45	-50	-55	-60	0
2	40	38	35	33	31	29	27	24	22	20	18	16	13	11	9	7	5	2	0	-2	-4	-6	-9	-11	-13	-15	-17	-20	-22	-24	-26	-28	-31	-33	-35	-37	-39	-42	-44	-46	-48	-54	-59	-65	-70	2
4	37	35	33	30	28	26	23	21	19	17	14	12	10	7	5	3	0	-2	-4	-7	-9	-11	-14	-16	-18	-20	-23	-25	-27	-30	-32	-34	-37	-39	-41	-44	-46	-48	-50	-53	-55	-61	-67	-72	-78	4
6	36	33	31	29	26	24	21	19	17	14	12	10	7	5	2	0	-2	-5	-7	-9	-12	-14	-17	-19	-21	-24	-26	-29	-31	-33	-36	-38	-40	-43	-45	-48	-50	-52	-55	-57	-60	-65	-71	-77	-83	6
8	35	32	30	27	25	22	20	18	15	13	10	8	5	3	0	-2	-4	-7	-9	-12	-14	-17	-19	-21	-24	-26	-29	-31	-34	-36	-38	-41	-43	-46	-48	-51	-53	-56	-58	-60	-63	-69	-75	-81	-87	8
10	34	31	29	26	24	21	19	16	14	11	9	6	4	1	-1	-4	-6	-8	-11	-13	-16	-18	-21	-23	-26	-28	-31	-33	-36	-38	-41	-43	-46	-48	-51	-53	-56	-58	-61	-63	-66	-72	-78	-84	-90	10
12	33	30	28	25	23	20	18	15	13	10	8	5	3	0	-2	-5	-7	-10	-12	-15	-17	-20	-22	-25	-28	-30	-33	-35	-38	-40	-43	-45	-48	-50	-53	-55	-58	-60	-63	-65	-68	-74	-80	-87	-93	12
14	32	30	27	25	22	19	17	14	12	9	7	4	2	-1	-4	-6	-9	-11	-14	-16	-19	-21	-24	-26	-29	-32	-34	-37	-39	-42	-44	-47	-49	-52	-54	-57	-60	-62	-65	-67	-70	-76	-82	-89	-95	14
16	32	29	26	24	21	19	16	14	11	8	6	3	1	-2	-5	-7	-10	-12	-15	-17	-20	-23	-25	-28	-30	-33	-35	-38	-41	-43	-46	-48	-51	-53	-56	-59	-61	-64	-66	-69	-71	-78	-84	-91	-97	16
18	31	28	26	23	21	18	15	13	10	8	5	2	0	-3	-5	-8	-11	-13	-16	-18	-21	-24	-26	-29	-31	-34	-37	-39	-42	-44	-47	-50	-52	-55	-57	-60	-63	-65	-68	-70	-73	-80	-86	-93	-99	18
20	30	28	25	23	20	17	15	12	9	7	4	2	-1	-4	-6	-9	-12	-14	-17	-19	-22	-25	-27	-30	-32	-35	-38	-40	-43	-46	-48	-51	-53	-56	-59	-61	-64	-67	-69	-72	-74	-81	-88	-94	-101	20
22	30	27	25	22	19	17	14	12	9	6	4	1	-2	-4	-7	-10	-12	-15	-18	-20	-23	-26	-28	-31	-33	-36	-39	-41	-44	-47	-49	-52	-55	-58	-60	-63	-66	-68	-71	-74	-76	-82	-89	-96	-102	22
24	30	27	24	22	19	16	14	11	8	6	3	0	-2	-5	-8	-10	-12	-16	-18	-21	-24	-26	-29	-32	-34	-37	-40	-42	-45	-48	-50	-53	-56	-58	-61	-64	-66	-69	-72	-74	-77	-84	-90	-97	-104	24
26	29	27	24	21	18	16	13	10	8	5	2	0	-3	-6	-8	-11	-14	-16	-19	-22	-24	-27	-30	-33	-35	-38	-41	-43	-46	-49	-51	-54	-57	-59	-62	-65	-67	-70	-73	-75	-78	-85	-95	-105	26	
28	29	26	23	21	18	15	13	10	7	5	2	-1	-4	-6	-9	-12	-14	-17	-20	-22	-25	-28	-31	-33	-36	-39	-41	-44	-47	-49	-52	-55	-58	-60	-63	-66	-68	-71	-74	-76	-79	-86	-93	-99	-106	28
30	28	26	23	20	18	15	12	9	7	4	1	-1	-4	-7	-10	-12	-15	-18	-20	-23	-26	-29	-31	-34	-37	-39	-42	-45	-48	-50	-53	-56	-58	-61	-64	-67	-69	-72	-75	-77	-80	-87	-94	-101	-107	30
32	28	25	23	20	17	14	12	9	6	4	1	-2	-5	-7	-10	-13	-16	-18	-21	-24	-27	-29	-32	-35	-37	-40	-43	-46	-48	-51	-54	-57	-59	-62	-65	-67	-70	-73	-76	-78	-81	-88	-95	-102	-108	32
34	28	25	22	20	17	14	11	9	6	3	0	-2	-5	-8	-11	-13	-16	-19	-22	-24	-27	-30	-33	-35	-38	-41	-44	-46	-49	-52	-55	-57	-60	-63	-66	-68	-71	-74	-77	-79	-82	-89	-96	-103	-109	34
36	28	25	22	19	16	14	11	8	5	3	0	-3	-6	-8	-11	-14	-17	-19	-22	-25	-28	-30	-33	-36	-39	-41	-44	-47	-50	-53	-55	-58	-61	-64	-66	-69	-72	-75	-77	-80	-83	-90	-97	-104	-110	36
38	27	24	22	19	16	13	11	8	5	2	-1	-3	-6	-9	-12	-14	-17	-20	-23	-25	-28	-31	-34	-37	-39	-42	-45	-48	-50	-53	-56	-58	-62	-64	-67	-70	-73	-75	-78	-81	-84	-91	-98	-105	-111	38
40	27	24	21	19	16	13	10	7	5	2	-1	-4	-6	-9	-12	-15	-18	-20	-23	-26	-29	-32	-34	-37	-40	-43	-45	-48	-51	-54	-57	-59	-62	-65	-68	-71	-73	-76	-79	-82	-84	-91	-98	-105	-112	40
45	26	23	21	18	15	12	9	7	4	1	-2	-5	-7	-10	-13	-16	-19	-22	-24	-27	-30	-33	-36	-38	-41	-44	-47	-50	-53	-55	-58	-61	-64	-67	-69	-72	-75	-78	-81	-83	-86	-93	-100	-107	-114	45
50	26	23	20	17	14	12	9	6	3	0	-3	-6	-8	-11	-14	-17	-20	-23	-25	-28	-31	-34	-37	-40	-42	-45	-48	-51	-54	-57	-60	-62	-65	-68	-71	-74	-77	-79	-82	-85	-88	-95	-102	-109	-116	50
°F	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36	-38	-40	-45	-50	-55	-60	°F

Wind Chill

40°F to 21°F	COLD. Unpleasant
20°F to 1°F	VERY COLD. Very unpleasant.
0°F to -19°F	BITTER COLD. Frostbit possible. Exposed skin can freeze within 5 minutes
-20°F to -69°F	EXTREMELY COLD. Frostbite likely. Exposed skin can freeze within 1 minute. Outdoor activity become dangerous.
-70°F and lower	FRIGIDLY COLD. Exposed skin can freeze in 30 seconds.

Cold Threat

40°F to 21°F	COLD. Unpleasant
20°F to 1°F	VERY COLD. Very unpleasant.
0°F to -19°F	BITTER COLD. Frostbit possible. Exposed skin can freeze within 5 minutes
-20°F to -69°F	EXTREMELY COLD. Frostbite likely. Exposed skin can freeze within 1 minute. Outdoor activity become dangerous.
-70°F and lower	FRIGIDLY COLD. Exposed skin can freeze in 30 seconds.

