

Metric

# 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.

Temperature (°C)		Wind (kph)																								Temperature (°C)																						
		0	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48		50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	
4	4	3	3	2	2	1	1	0	0	0	0	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-5	4	
2	2	1	0	0	-1	-1	-2	-2	-2	-3	-3	-3	-3	-4	-4	-4	-4	-5	-5	-5	-5	-5	-5	-6	-6	-6	-6	-6	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	2
0	0	-1	-2	-3	-3	-4	-4	-5	-5	-5	-6	-6	-6	-6	-7	-7	-7	-7	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	0
-2	-2	-3	-4	-5	-6	-6	-7	-7	-7	-8	-8	-8	-8	-9	-9	-9	-9	-10	-10	-10	-10	-10	-10	-11	-11	-11	-11	-11	-11	-11	-11	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-2	
-4	-4	-6	-7	-7	-8	-9	-9	-10	-10	-10	-11	-11	-11	-11	-12	-12	-12	-12	-13	-13	-13	-13	-13	-13	-13	-13	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-4
-6	-6	-8	-9	-10	-11	-11	-12	-12	-12	-13	-13	-13	-14	-14	-14	-15	-15	-15	-15	-15	-16	-16	-16	-16	-16	-16	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-6	
-8	-8	-10	-11	-12	-13	-14	-14	-15	-15	-15	-16	-16	-16	-17	-17	-17	-17	-18	-18	-18	-18	-18	-19	-19	-19	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-8	
-10	-10	-12	-14	-15	-15	-16	-17	-17	-17	-18	-18	-19	-19	-19	-19	-20	-20	-20	-20	-21	-21	-21	-21	-21	-21	-21	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-10
-12	-12	-14	-16	-17	-18	-18	-19	-19	-20	-20	-21	-21	-21	-21	-22	-22	-22	-22	-23	-23	-23	-23	-23	-23	-23	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-12
-14	-14	-17	-18	-19	-20	-21	-21	-21	-22	-22	-23	-23	-24	-24	-24	-25	-25	-25	-26	-26	-26	-26	-26	-26	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-14
-16	-16	-19	-20	-22	-22	-23	-24	-24	-25	-25	-26	-26	-27	-27	-27	-28	-28	-28	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-16
-18	-18	-21	-23	-24	-25	-26	-26	-27	-27	-28	-28	-29	-29	-30	-30	-30	-31	-31	-31	-31	-31	-31	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-18
-20	-20	-23	-25	-26	-27	-28	-29	-29	-30	-30	-31	-31	-31	-32	-32	-32	-32	-33	-33	-33	-33	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-20
-22	-22	-26	-27	-29	-30	-30	-31	-32	-32	-32	-33	-34	-34	-34	-35	-35	-35	-36	-36	-36	-36	-36	-36	-36	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-22
-24	-24	-28	-30	-31	-32	-33	-34	-34	-35	-36	-36	-37	-37	-37	-37	-38	-38	-38	-39	-39	-39	-39	-39	-39	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-24
-26	-26	-30	-32	-33	-34	-35	-36	-37	-37	-38	-39	-39	-40	-40	-40	-41	-41	-42	-42	-42	-42	-42	-42	-42	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-26
-28	-28	-32	-34	-36	-37	-38	-39	-39	-40	-41	-41	-42	-42	-42	-43	-43	-43	-44	-44	-44	-44	-44	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-28
-30	-30	-35	-37	-38	-39	-40	-41	-42	-42	-43	-44	-44	-45	-45	-46	-46	-46	-47	-47	-47	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-30
-32	-32	-37	-39	-40	-42	-43	-43	-44	-45	-46	-46	-47	-47	-48	-48	-49	-49	-49	-50	-50	-50	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51	-32
-34	-34	-39	-41	-43	-44	-45	-46	-47	-47	-48	-49	-49	-50	-50	-51	-51	-52	-52	-53	-53	-53	-53	-53	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-34
-36	-36	-41	-43	-45	-46	-47	-48	-49	-50	-51	-51	-52	-52	-53	-53	-54	-54	-55	55	-56	-56	-56	-56	-56	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-57	-36
-38	-38	-44	-46	-47	-49	-50	-51	-52	52	-53	-54	-54	-55	-56	-56	-57	-57	-57	58	-58	-59	-59	-59	-59	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-38
-40	-40	-46	-48	-50	-51	-52	-53	-54	-55	-56	-56	-57	-58	-58	-59	-59	-60	-60	-60	-61	-61	-61	-61	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-40
-42	-42	-48	-50	-52	-54	-55	-56	-57	-57	-58	-59	-60	-60	-61	-61	-62	-62	-63	-63	-63	-64	-64	-64	-64	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-42
-44	-44	-50	-53	-54	-56	-57	-58	-59	-60	-61	-61	-62	-63	-63	-64	-64	-65	-65	-66	-66	-66	-66	-67	-67	-67	-67	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	-44
-46	-46	-52	-55	-57	-58	-60	-61	-62	-62	-63	-64	-65	-65	-66	-67	-67	-68	-68	-69	-69	-69	-69	-69	-69	-69	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-46
-48	-48	-55	-57	-59	-61	-62	-63	-64	-65	-66	-66	-67	-67	-68	-69	-69	-70	-70	-71	-71	-71	-72	-72	-72	-72	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	-48
-50	-50	-57	-60	-61	-63	-64	-66	-67	-68	-68	-69	-70	-70	-71	-72	-72	-73	-73	-74	-74	-75	-75	-76	-76	-76	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-50
-52	-52	-59	-62	-64	-65	-67	-68	-69	-70	-71	-72	-72	-73	-74	-74	-75	-75	-76	-76	-77	-77	-77	-78	-78	-78	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-52
-54	-54	-61	-64	-66	-68	-69	-70	-72	-72	-73	-74	-74	-75	-76	-76	-77	-78	-78	-79	-79	-80	-80	-80	-80	-80	-80	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-54
°C	0	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	°C		



Wind Chill	Cold Threat
4°C to -6°C	COLD. Unpleasant.
-7°C to -17°C	VERY COLD. Very unpleasant.
-18°C to -28°C	BITTER COLD. Frostbit possible. Exposed skin can freeze within 5 minutes.
-29°C to -58°C	EXTREMELY COLD. Frostbite likely. Exposed skin can freeze within 1 minute. Outdoor activity become dangerous.
-59°C and lower	FRIGIDLY COLD. Exposed skin can freeze in 30 seconds.