

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.

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

Temperature (°C)

Temperature (°C)

http://www.srh.noaa.gov/srh/fcststream/globalchill.htm



| 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. |

Get more from <http://www.srh.noaa.gov/srh/fcststream/globalchill.htm>