

SUNSHINE GUIDE TO THE WHITE MOUNTAINS RESORT AREA, NEW HAMPSHIRE

LOCATION: The White Mountains stretch across central New Hampshire from southwest to northeast. Their highest point is the summit of Mount Washington, at 6,288 feet above sea level. This summary is for the resort areas around 2,000 feet in elevation. For the higher elevations, see the Mount Washington guide. For the lower elevations, see the Lake Country guide.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:17	10:26	11:54	13:26	14:46	15:28	15:10	14:02	12:35	11:03	9:41	8:57
HOURS OF SUNSHINE	4:10	4:58	5:34	6:17	7:06	7:37	7:51	7:05	6:08	5:17	3:39	3:38
AREA OF BLUE SKY	35%	37%	36%	35%	33%	35%	35%	37%	38%	39%	30%	32%
LOW FOR MONTH	-12 °	-13 °	-2 °	12 °	28 °	39 °	42 °	42 °	33 °	18 °	9 °	-10 °
SUNRISE TEMPERATURE	6 °	7 °	16 °	28 °	39 °	48 °	53 °	51 °	44 °	34 °	24 °	11 °
AFTERNOON TEMPERATURE	26 °	28 °	35 °	47 °	61 °	69 °	74 °	72 °	64 °	54 °	41 °	29 °
HIGH FOR MONTH	45 °	43 °	56 °	66 °	75 °	80 °	82 °	82 °	77 °	70 °	58 °	45 °
FROSTY MORNINGS	100%	100%	97%	77%	26%	0%	0%	0%	10%	45%	80%	97%
AFTERNOONS OVER 90 °	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOON HUMIDITY	67%	64%	63%	59%	59%	63%	63%	64%	65%	63%	69%	70%
DRY DAYS	57%	51%	53%	51%	54%	49%	57%	59%	62%	64%	51%	52%
REASONABLY DRY DAYS	74%	72%	70%	71%	72%	69%	74%	75%	75%	76%	67%	71%
5-DAY PRECIPITATION	0.73	0.74	0.86	0.76	0.76	0.82	0.74	0.72	0.80	0.84	0.99	0.82
LIKELY SNOWFALL	33.6"	35.7"	35.1"	18.2"	2.1"	0.0"	0.0"	0.0"	0.0"	2.3"	15.0"	31.5"
SNOWY DAYS	41%	41%	32%	24%	7%	1%	0%	0%	2%	9%	22%	38%
THUNDER DAYS	0%	0%	2%	3%	8%	14%	17%	13%	5%	2%	0%	0%
FOGGY DAYS	26%	26%	28%	25%	27%	31%	35%	41%	44%	36%	30%	28%

COMMENTS: Bright sunshine is likely on 47% of the year's daylight hours. This might range from a low of 38% in November, to a high of 52% in July. The year's lowest temperature should be close to -14°, and the highest should be near 84°. Sensible afternoon temperatures (the ones you actually feel) will be essentially the same as actual ones. Winds tend to blow strongly down the slopes at night, and rather weakly up the slopes during the daylight hours. Passing storm systems can easily override both of these local winds. Elevation and—to a lesser degree—slope orientation rule local climates. You can expect daytime temperatures to drop an average of 1°F for each 300'-increase in elevation—and vice versa going downhill. As in all mountains, the direction the slope is facing makes a tremendous difference in how much sunshine and how much rain the slope gets, and therefore in its soil temperature and moisture content. Snowfall is extremely responsive to both elevation and slope orientation.