

SUNSHINE GUIDE TO THE MOUNT SHASTA AREA, CALIFORNIA

LOCATION: Mount Shasta, part of the Cascades Range of mountains, is located in far northern California, about sixty miles south of the Oregon border. The mountain is visible for a hundred miles or more around, and can be seen long before you arrive at its foot. Mount Shasta is of volcanic origin, and rises to 14,162 feet in elevation. It is a part of Klamath National Forest. The town of Mount Shasta sits at its southwestern foot, and serves as a supply point and base of operations for those seeking to climb the mountain. Elevations in town are some 3,500 feet above sea level. This guide covers the conditions at this latter elevation. Conditions on the mountain will be cloudier, much cooler, and much wetter.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:34	10:36	11:55	13:18	14:29	15:07	14:51	13:51	12:32	11:09	9:56	9:16
HOURS OF SUNSHINE	4:35	5:50	6:32	9:25	10:05	12:08	13:34	11:43	10:29	7:36	5:14	4:55
AREA OF BLUE SKY	32%	37%	36%	47%	51%	66%	86%	79%	76%	58%	40%	34%
LOW FOR MONTH	9°	13°	17°	23°	29°	33°	41°	40°	32°	26°	19°	11°
SUNRISE TEMPERATURE	25°	28°	30°	34°	39°	46°	50°	48°	44°	37°	31°	26°
AFTERNOON TEMPERATURE	42°	47°	52°	59°	67°	75°	84°	84°	77°	65°	52°	44°
HIGH FOR MONTH	57°	63°	66°	74°	84°	89°	96°	95°	90°	79°	68°	61°
FROSTY MORNINGS	82%	71%	67%	43%	12%	0%	0%	0%	3%	18%	59%	79%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	6%	26%	22%	9%	0%	0%	0%
AFTERNOON HUMIDITY	66%	60%	52%	43%	40%	36%	29%	29%	33%	46%	62%	67%
DRY DAYS	67%	65%	68%	74%	82%	87%	95%	95%	91%	85%	72%	70%
REASONABLY DRY DAYS	70%	72%	77%	85%	90%	93%	99%	98%	96%	90%	79%	76%
5-DAY PRECIPITATION	1.05	0.98	0.75	0.45	0.27	0.15	0.03	0.05	0.14	0.38	0.75	0.94
LIKELY SNOWFALL	33.2"	18.7"	17.7"	7.0"	0.6"	0.0"	0.0"	0.0"	0.0"	0.3"	6.5"	22.7"
SNOWY DAYS	16%	12%	13%	7%	2%	1%	1%	0%	1%	1%	4%	11%
THUNDER DAYS	0%	0%	0%	2%	6%	7%	6%	4%	2%	0%	0%	0%
FOGGY DAYS	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	5%

COMMENTS: Bright sunshine is likely on 68% of the year's daylight hours. This might range from a low of 48% in January, to a high of 91% in July. The year's lowest temperature should be close to 0°, and the highest should be near 101°. Sensible afternoon temperatures (the ones you actually feel) will be slightly cooler than actual ones. You can expect daytime temperatures to drop an average of 1°F for each 300'-increase in elevation. Night temperatures will not drop as much, if at all, due to cold-air drainage down the slopes. Clouds form over the mountain during the daytime hours, and occasionally obscure the summit. Snowfall comes earlier to the mountain, falls more heavily, and stays later.