

SUNSHINE GUIDE TO MOJAVE NATIONAL PRESERVE, CALIFORNIA

LOCATION: Mojave National Preserve is located in southeastern California. The Preserve is situated east of Barstow, up against the Nevada border, in the triangle formed by I-15 and I-40. The preserve covers some 2,340 square miles of high Mojave desert and mountains. The Preserve HQ is in Barstow. Elevations range from less than a thousand feet above sea level in some of the dry lakes to just over 7,500 feet in the New York Mountains. Visitor Centers are located in Baker and at the Hole-in-the-Wall area.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	10:06	10:55	11:57	13:03	13:59	14:28	14:16	13:29	12:26	11:21	10:23	9:52
HOURS OF SUNSHINE	7:55	8:54	10:03	11:30	12:34	13:35	12:37	11:57	11:23	10:00	8:37	7:45
AREA OF BLUE SKY	57%	57%	59%	67%	71%	82%	74%	76%	81%	75%	66%	60%
LOW FOR MONTH	32°	33°	36°	41°	49°	59°	65°	64°	58°	48°	38°	32°
SUNRISE TEMPERATURE	38°	40°	43°	48°	57°	66°	72°	70°	64°	56°	45°	38°
AFTERNOON TEMPERATURE	54°	57°	61°	69°	78°	88°	94°	92°	85°	75°	62°	55°
HIGH FOR MONTH	61°	64°	70°	78°	87°	96°	99°	97°	91°	82°	69°	62°
FROSTY MORNINGS	21%	16%	8%	4%	0%	0%	0%	0%	0%	1%	7%	21%
AFTERNOONS OVER 90°	0%	0%	0%	0%	7%	47%	78%	68%	27%	3%	0%	0%
AFTERNOON HUMIDITY	31%	30%	27%	21%	19%	15%	18%	21%	20%	20%	25%	29%
DRY DAYS	87%	82%	87%	93%	94%	97%	90%	90%	90%	94%	93%	90%
REASONABLY DRY DAYS	92%	90%	92%	97%	97%	99%	96%	94%	96%	97%	95%	95%
5-DAY PRECIPITATION	0.20	0.28	0.22	0.09	0.04	0.02	0.13	0.23	0.13	0.10	0.12	0.15
DAYS WITH SOME SNOW	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
DAYS WITH SOME THUNDER	0%	0%	1%	2%	3%	3%	10%	11%	6%	2%	0%	0%
DAYS WITH SOME FOG	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%

COMMENTS: Bright sunshine is likely on 86% of the year's daylight hours. This might range from a "low" of 78% in January, to a high of 94% in June. The year's lowest temperature should be close to 30° on some clear and windless winter sunrise, and the highest should be near 101° on some sunny and equally calm summer afternoon. Sensible afternoon temperatures (the ones you feel) will be from 4° (cool weather) to 6° (hot weather) cooler than actual ones due to the low humidity. However, direct sunshine can add another 5° to 15° to how hot you feel. Table data are for the 4,000-foot level, which is typical of most of the facilities. 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 difference in how much sunshine and how much rain the slope gets, and therefore in its temperature and humidity.