

SUNSHINE GUIDE TO GLACIER NATIONAL PARK (WESTERN SLOPES), MONTANA

LOCATION: Glacier National Park is located in northwestern Montana, up against the Canadian border with Alberta. The Park straddles the Continental Divide, which divides the Park into its western and eastern slopes. Park Headquarter is located at West Glacier. Elevations in this mountainous park range from 3,154 feet above sea level at West Glacier to 10,466 at the summit of Mount Cleveland. Logan Pass, on the Going-to-the-Sun Highway is 6,646 feet in elevation, while Marias Pass on US-2 is only 5,220 feet high.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	8:49	10:10	11:52	13:39	15:13	16:03	15:42	14:22	12:39	10:53	9:17	8:24
HOURS OF SUNSHINE	2:21	3:52	5:31	7:24	8:23	9:09	11:29	9:58	7:20	5:10	2:28	1:36
AREA OF BLUE SKY	14%	22%	26%	32%	35%	38%	60%	55%	45%	34%	16%	11%
LOW FOR MONTH	-16°	-14°	-8°	8°	15°	32°	37°	35°	22°	6°	-7°	-12°
SUNRISE TEMPERATURE	13°	17°	21°	29°	36°	43°	47°	45°	39°	32°	24°	18°
AFTERNOON TEMPERATURE	28°	34°	42°	54°	64°	71°	81°	79°	67°	54°	38°	31°
HIGH FOR MONTH	46°	47°	56°	70°	78°	85°	91°	90°	81°	70°	54°	48°
FROSTY MORNINGS	97%	98%	95%	77%	36%	9%	3%	8%	33%	62%	90%	95%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	1%	8%	6%	1%	0%	0%	0%
AFTERNOON HUMIDITY	67%	61%	51%	41%	41%	42%	34%	34%	40%	50%	67%	72%
DRY DAYS	58%	64%	69%	74%	67%	65%	81%	78%	73%	73%	67%	59%
REASONABLY DRY DAYS	69%	73%	76%	78%	78%	74%	86%	86%	82%	76%	69%	68%
5-DAY PRECIPITATION	0.53	0.44	0.28	0.29	0.38	0.50	0.24	0.26	0.34	0.40	0.49	0.54
LIKELY SNOWFALL	35.9"	25.1"	15.5"	4.3"	0.5"	0.1"	0.0"	0.0"	0.1"	2.4"	16.3"	30.8"
SNOWY DAYS	42%	36%	27%	6%	1%	0%	0%	0%	0%	3%	19%	41%
THUNDER DAYS	0%	0%	1%	2%	10%	22%	23%	20%	6%	2%	0%	0%
FOGGY DAYS	19%	20%	10%	2%	4%	4%	4%	4%	8%	18%	19%	20%

COMMENTS: Bright sunshine is likely on 48% of the year's daylight hours. This might range from a low of 19% in December, to a high of 73% in July. The year's lowest temperature should be close to -20°, and the highest should be near 95°. Sensible afternoon temperatures (the ones you actually feel) will be essentially the same as actual ones on cooler days, and a few degrees cooler than actual ones on the warmer days. Weather conditions in the Park vary with elevation and exposure. This summary is primarily for the area around Park Headquarters at West Glacier. You can expect daytime temperatures to drop an average of 1°F for each 300' increase in elevation (1°C / 166 m). As in all mountains, the direction that the slope is facing makes a tremendous difference in how much sunshine and how much rain (or snow) that the slope gets.