

SUNSHINE GUIDE TO GRAND CANYON NATIONAL PARK (SOUTH RIM), ARIZONA

LOCATION: The Grand Canyon of the Colorado River is located in northwestern Arizona. Much of the south rim lies within the boundaries of either Grand Canyon National Park or Lake Mead National Recreation Area. Some of it lies within the Havasupai Indian Reservation, and some is part of Kaibab National Forest. The rest is either state or private land. It's a big canyon system. Elevations at the Visitor's Center on the south rim are around 7,000 feet above sea level. The canyon bottom is more than 4,000 feet down, and the north rim, across the canyon, is some 1,000 feet higher.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	10:01	10:51	11:57	13:06	14:04	14:34	14:22	13:32	12:27	11:19	10:19	9:46
HOURS OF SUNSHINE	7:17	8:03	9:01	10:28	12:05	12:40	10:17	9:38	10:01	9:08	8:04	7:00
AREA OF BLUE SKY	49%	48%	48%	53%	59%	71%	51%	53%	66%	65%	59%	52%
LOW FOR MONTH	-2°	-1°	9°	20°	25°	32°	39°	39°	32°	20°	13°	3°
SUNRISE TEMPERATURE	19°	21°	25°	32°	39°	46°	54°	53°	47°	37°	27°	20°
AFTERNOON TEMPERATURE	41°	45°	51°	60°	70°	81°	84°	81°	76°	65°	52°	43°
HIGH FOR MONTH	55°	56°	63°	71°	80°	95°	96°	94°	85°	79°	64°	55°
FROSTY MORNINGS	96%	93%	87%	52%	17%	3%	0%	0%	3%	33%	79%	96%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	10%	22%	6%	1%	0%	0%	0%
AFTERNOON HUMIDITY	50%	44%	40%	30%	26%	20%	34%	37%	33%	34%	44%	51%
DRY DAYS	83%	78%	80%	86%	90%	93%	67%	66%	83%	89%	87%	80%
REASONABLY DRY DAYS	85%	85%	86%	89%	94%	96%	83%	79%	90%	90%	92%	86%
5-DAY PRECIPITATION	0.23	0.27	0.22	0.15	0.10	0.07	0.28	0.36	0.24	0.19	0.15	0.26
LIKELY SNOWFALL	14.8"	11.9"	9.6"	3.2"	1.3"	0.0"	0.0"	0.0"	0.0"	0.8"	4.9"	11.9"
SNOWY DAYS	18%	19%	19%	10%	3%	0%	0%	0%	0%	3%	8%	15%
THUNDER DAYS	0%	1%	3%	5%	11%	13%	50%	49%	23%	7%	2%	0%
FOGGY DAYS	7%	7%	5%	3%	1%	0%	0%	1%	2%	3%	4%	7%

COMMENTS: Bright sunshine is likely to occur on 77% of the year's daylight hours. This will probably range from a low of 71% in August, to a high of 87% in June. The expected lowest temperature for the year will be around -3° on some windless winter sunrise, and the most probable highest will be near 97° on some sunny summer afternoon. Sensible afternoon temperatures (the ones you actually feel) will generally be up to 4° cooler than actual ones. The canyon generates its own local cumulus clouds as the day warms and the thermals start to rise from the canyon bottom. This is especially true during the late summer thunderstorm season. These clouds make the mornings clearer and sunnier than the afternoons during the warmer months. However, watching a summer thunderstorm over the canyon is one of life's more impressive sights.