

## SUNSHINE GUIDE TO THE KUMAON HILL COUNTRY, INDIA

LOCATION: The Kumaon Hills are located in the new state of Uttahanchal in north-central India. They are best known for the pleasant resort community of Naini Tal and for the Corbett Tiger Reserve. As precursors to the lofty Himalayas a bit farther north, elevations vary from only a few hundred feet above sea level, to more than 12,000 feet in elevation. Table data are for the 7,500 foot elevation.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	10:30	11:08	11:59	12:52	13:37	14:00	13:51	13:13	12:22	11:29	10:43	10:18
HOURS OF SUNSHINE	7:17	8:27	7:58	9:08	8:50	6:56	5:57	6:09	7:30	9:04	9:06	7:46
AREA OF BLUE SKY	68%	70%	70%	76%	80%	67%	37%	36%	63%	89%	89%	75%
LOW FOR MONTH	28°	29°	36°	41°	48°	52°	54°	54°	53°	45°	37°	32°
SUNRISE TEMPERATURE	36°	38°	44°	52°	57°	59°	59°	58°	56°	50°	44°	39°
AFTERNOON TEMPERATURE	51°	54°	61°	69°	75°	75°	69°	69°	68°	65°	61°	55°
HIGH FOR MONTH	63°	67°	70°	77°	80°	83°	81°	80°	78°	73°	66°	65°
FROSTY MORNINGS	22%	19%	3%	0%	0%	0%	0%	0%	0%	0%	1%	9%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOON HUMIDITY	41%	39%	35%	26%	30%	48%	77%	75%	70%	50%	39%	39%
DRY DAYS	92%	88%	88%	91%	83%	74%	48%	52%	71%	92%	98%	94%
REASONABLY DRY DAYS	92%	87%	90%	94%	94%	77%	53%	54%	76%	88%	98%	97%
5-DAY PRECIPITATION	0.37	0.40	0.32	0.22	0.36	1.05	2.00	1.92	1.33	0.37	0.05	0.15
SNOWY DAYS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
THUNDER DAYS	3%	11%	10%	17%	35%	33%	16%	13%	23%	10%	1%	3%
FOGGY DAYS	27%	15%	3%	0%	2%	10%	26%	31%	11%	1%	7%	21%

COMMENTS: The area has a mountain version of the same Monsoon Tropical climate that covers the Gangetic Plain to the south. It's elevation both keeps it from getting very hot in the hot season and allows it to get quite cool (even cold) during the dry season. There are four seasons. The rainy monsoon starts in early June and extends through early October. Then comes the major dry season of late October through the first few days of the new year. This is followed by a lesser rainy season which holds sway from January through early March. A lesser dry season then starts and runs on until the onset of the monsoons once again. Bright sunshine occurs on 65% of the year's daylight hours, ranging from a low of 43% in July to a high of 85% in November. The low temperature for the year will be near 28° some windless winter sunrise, while the high will be around 85° some sunny summer afternoon. 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 it gets.