

## SUNSHINE GUIDE TO LIVINGSTON AND THE PARADISE VALLEY, MONTANA

LOCATION: Livingston, the county seat of Park County, is located in southwestern Montana. The city is situated on the Yellowstone River, at an elevation of some 4,500 feet above sea level. The Paradise Valley is the valley of the Yellowstone River from Livingston up to Gardiner.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:08	10:21	11:53	13:30	14:54	15:39	15:20	14:08	12:36	11:00	9:34	8:47
HOURS OF SUNSHINE	4:18	5:35	7:12	8:06	9:01	10:01	11:48	10:36	8:34	6:39	4:18	3:49
AREA OF BLUE SKY	27%	28%	28%	29%	33%	39%	58%	55%	48%	41%	30%	29%
LOW FOR MONTH	-13°	-11°	-5°	12°	25°	35°	42°	39°	27°	16°	0°	-7°
SUNRISE TEMPERATURE	16°	19°	23°	31°	39°	46°	52°	50°	42°	35°	26°	21°
AFTERNOON TEMPERATURE	34°	38°	44°	55°	65°	73°	84°	83°	71°	60°	45°	38°
HIGH FOR MONTH	50°	55°	62°	74°	82°	88°	96°	95°	88°	77°	61°	54°
FROSTY MORNINGS	89%	86%	82%	60%	18%	2%	0%	0%	12%	39%	70%	82%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	3%	26%	23%	3%	0%	0%	0%
AFTERNOON HUMIDITY	59%	52%	46%	40%	40%	38%	30%	30%	36%	41%	55%	61%
DRY DAYS	84%	84%	81%	77%	71%	67%	81%	81%	78%	81%	83%	84%
REASONABLY DRY DAYS	94%	95%	90%	87%	81%	78%	89%	89%	87%	90%	92%	95%
5-DAY PRECIPITATION	0.09	0.09	0.14	0.21	0.42	0.38	0.21	0.20	0.26	0.19	0.13	0.09
LIKELY SNOWFALL	9.7"	6.4"	10.3"	5.8"	1.0"	0.0"	0.0"	0.0"	0.6"	3.7"	7.7"	7.8"
SNOWY DAYS	16%	16%	19%	11%	1%	0%	0%	0%	1%	6%	16%	16%
THUNDER DAYS	0%	0%	0%	3%	14%	25%	26%	22%	6%	1%	0%	0%
FOGGY DAYS	5%	6%	5%	4%	2%	1%	1%	1%	2%	4%	6%	6%

COMMENTS: Bright sunshine is likely on 60% of the year's daylight hours. This might range from a low of 44% in December, to a high of 77% in July. The year's lowest temperature should be close to -26°, and the highest should be near 99°. 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 hotter ones. Winter is the dominant season, and is long, moderately cloudy, very cold, and somewhat snowy. Winter afternoons are short, and tend to hover either side of the freezing point. Summers are short, sunny, and hot. Summer afternoons are long, hot (occasionally very hot) and have the odd thundershower. The *chinook* (from a Salish Indian word, meaning "snow eater") is a strong, warm, dry wind common to the eastern slopes of the Rocky Mountains that often sets in following a winter storm. Temperatures rise many tens of degrees in as many minutes, and any snow lying around both evaporates and melts very rapidly.