

SUNSHINE GUIDE TO SEMEY AND THE IRTYSH VALLEY, KAZAKHSTAN

LOCATION: Semey (the former Semipalatinsk) is located near the Russian border in northeastern Kazakhstan. The city is situated on the Irtysh River, near the western foothills of the Altay Mountains. Elevations are around 700 feet above sea level.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	8:34	10:02	11:51	13:46	15:27	16:22	15:59	14:32	12:42	10:48	9:05	8:07
HOURS OF SUNSHINE	3:54	5:06	6:21	7:50	9:29	10:05	10:03	9:35	8:11	5:02	3:38	3:08
AREA OF BLUE SKY	44%	47%	42%	43%	45%	42%	46%	50%	49%	37%	35%	37%
LOW FOR MONTH	-29°	-27°	-17°	12°	29°	40°	46°	41°	30°	15°	-10°	-21°
SUNRISE TEMPERATURE	-5°	-5°	6°	28°	44°	54°	58°	53°	43°	30°	14°	2°
AFTERNOON TEMPERATURE	12°	13°	25°	51°	70°	79°	83°	79°	68°	50°	29°	17°
HIGH FOR MONTH	33°	33°	43°	73°	88°	95°	98°	94°	87°	73°	51°	36°
FROSTY MORNINGS	100%	100%	95%	57%	10%	0%	0%	0%	15%	59%	91%	99%
AFTERNOONS OVER 90°	0%	0%	0%	0%	2%	16%	23%	12%	2%	0%	0%	0%
AFTERNOON HUMIDITY	56%	52%	58%	44%	33%	35%	37%	38%	38%	47%	58%	61%
DRY DAYS	61%	67%	68%	81%	73%	72%	73%	73%	79%	71%	60%	58%
REASONABLY DRY DAYS	92%	91%	91%	91%	87%	86%	86%	86%	91%	85%	84%	89%
5-DAY PRECIPITATION	0.11	0.11	0.11	0.11	0.16	0.22	0.22	0.17	0.12	0.17	0.18	0.15
LIKELY SNOWFALL	10.0"	9.2"	7.3"	1.6"	0.0"	0.0"	0.0"	0.0"	0.0"	2.1"	9.1"	13.7"
SNOWY DAYS	33%	29%	24%	6%	2%	0%	0%	0%	1%	9%	26%	34%
THUNDER DAYS	0%	0%	0%	1%	6%	17%	21%	15%	2%	0%	0%	0%
FOGGY DAYS	10%	11%	9%	3%	1%	1%	1%	2%	3%	5%	5%	7%

COMMENTS: Bright sunshine occurs on 56% of the year's daylight hours. This ranges from a low of 39% in wintry December, to a high of 66% in August. The expected low temperature for the year will be around -35° at some windless winter sunrise, and the high will be near 100° on some sunny summer afternoon. This annual range of 135° testifies to the continentality of the area's climate—far from the moderating influence of large bodies of water. Sensible temperatures (the ones you actually feel) will be slightly cooler than actual ones from April through October. Clear days are somewhat common, and are fairly evenly distributed throughout the year. Over the course of the year, you can expect about one day in four will be essentially clear. September leads all months by a slight margin, with 33% such clear days. April comes close with 31%.