

# SUNSHINE GUIDE TO ERIE AND THE LAKE ERIE SHORELINE, PENNSYLVANIA

LOCATION: The city of Erie is located in extreme northwestern Pennsylvania. It is situated on the Lake Erie coastal plain. As you move inward from the coastal plain, the land begins to rise—reaching almost a thousand feet higher than the lake some fifteen miles inland. This uplift leads to increasing precipitation as you proceed south away from the lakeshore. Elevations along the shore are under 700 feet above sea level.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:30	10:33	11:55	13:20	14:34	15:12	14:56	13:54	12:32	11:07	9:52	9:11
HOURS OF SUNSHINE	2:04	3:44	5:10	6:48	8:34	9:44	9:51	8:49	6:57	4:49	2:22	1:31
AREA OF BLUE SKY	14%	19%	27%	32%	36%	42%	44%	43%	38%	33%	16%	10%
LOW FOR MONTH	3°	2°	10°	24°	34°	45°	52°	50°	41°	32°	22°	9°
SUNRISE TEMPERATURE	20°	19°	27°	37°	48°	58°	63°	62°	56°	45°	36°	26°
AFTERNOON TEMPERATURE	33°	34°	42°	53°	65°	75°	80°	78°	72°	61°	48°	38°
HIGH FOR MONTH	56°	56°	69°	77°	84°	89°	90°	88°	87°	80°	70°	58°
FROSTY MORNINGS	88%	90%	75%	30%	2%	0%	0%	0%	0%	3%	34%	76%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	1%	3%	1%	0%	0%	0%	0%
AFTERNOON HUMIDITY	74%	73%	68%	62%	60%	62%	62%	63%	64%	65%	70%	74%
NEARBY WATERS	37°	36°	36°	38°	44°	58°	66°	68°	66°	57°	48°	46°
DRY DAYS	43%	48%	52%	54%	59%	65%	68%	68%	64%	59%	48%	44%
REASONABLY DRY DAYS	78%	79%	75%	73%	77%	77%	81%	79%	76%	75%	68%	72%
DRY HOURS	58%	66%	74%	83%	88%	92%	94%	94%	91%	87%	75%	62%
LIKELY SNOWFALL	17.6"	13.1"	8.7"	2.7"	0.1"	0.0"	0.0"	0.0"	0.0"	0.9"	8.1"	16.7"
DAYS WITH SOME SNOW	44%	40%	24%	9%	1%	0%	0%	0%	0%	2%	17%	38%
DAYS WITH SOME THUNDER	0%	1%	4%	8%	14%	20%	20%	20%	14%	7%	3%	1%
DAYS WITH SOME FOG	4%	6%	9%	6%	6%	3%	1%	1%	1%	1%	3%	3%

COMMENTS: Bright sunshine is likely on 46% of the year's daylight hours. This might range from a low of 17% in December, to a high of 66% in July. The year's lowest temperature should be close to -2°, and the highest should be near 92°. Sensible afternoon temperatures (the ones you actually feel) will be essentially the same as actual ones. Over the course of the year, about one day in four or five will be clear and sunny. July leads the pack with 35% such days. The heavy winter cloud cover is a result of winds moving across the lake, picking up warmth and moisture, and cooling as they move over the shore. The "lake effect" extends inland only a mile or two, moderating temperatures in a narrow belt along the shore. As you go inland, summer temperatures get hotter and winter temperatures get colder. Both rainfall and snowfall increase as you move away from the lakeshore. This table is for the lakeshore area.