

## SUNSHINE GUIDE TO THE BUFFALO AREA, NEW YORK

LOCATION: The city of Buffalo is located in the western part of New York State. The city is situated on the shores of Lake Erie, just where it empties into the Niagara River. Elevations within the city are around 600 feet above sea level. Substantial hills lie some thirty miles to the southeast of the city center.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:25	10:31	11:54	13:22	14:38	15:18	15:01	13:57	12:33	11:06	9:48	9:06
HOURS OF SUNSHINE	3:01	4:05	5:41	6:52	8:33	10:04	10:14	8:57	7:21	5:28	3:01	2:22
AREA OF BLUE SKY	19%	24%	30%	35%	38%	44%	46%	45%	43%	36%	21%	17%
LOW FOR MONTH	0°	1°	9°	23°	33°	44°	51°	48°	38°	30°	19°	4°
SUNRISE TEMPERATURE	18°	18°	25°	35°	46°	57°	63°	61°	55°	44°	34°	24°
AFTERNOON TEMPERATURE	31°	31°	40°	51°	63°	72°	78°	77°	70°	59°	46°	35°
HIGH FOR MONTH	52°	54°	65°	76°	83°	89°	90°	89°	86°	78°	68°	56°
FROSTY MORNINGS	89%	90%	75%	36%	3%	0%	0%	0%	0%	6%	40%	80%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	1%	4%	1%	0%	0%	0%	0%
AFTERNOON HUMIDITY	73%	70%	65%	57%	55%	55%	54%	57%	59%	60%	70%	74%
NEARBY WATERS	36°	36°	35°	37°	42°	56°	63°	67°	63°	54°	47°	45°
DRY DAYS	38%	39%	48%	55%	59%	64%	66%	67%	63%	62%	48%	41%
REASONABLY DRY DAYS	68%	68%	71%	71%	75%	76%	80%	76%	76%	76%	68%	65%
5-DAY PRECIPITATION	0.50	0.49	0.44	0.45	0.48	0.49	0.49	0.50	0.51	0.51	0.54	0.53
LIKELY SNOWFALL	21.8"	17.8"	10.5"	3.3"	0.3"	0.0"	0.0"	0.0"	0.0"	0.4"	8.7"	20.2"
SNOWY DAYS	62%	61%	40%	15%	2%	0%	0%	0%	0%	4%	28%	56%
THUNDER DAYS	0%	1%	4%	7%	11%	18%	20%	19%	11%	6%	2%	1%
FOGGY DAYS	5%	7%	7%	7%	7%	4%	2%	2%	2%	4%	4%	4%

COMMENTS: Buffalo has the four-season year common to the mid-latitudes. Because the prevailing winds usually have to cross either Lake Erie or Lake Ontario, the moderating effect of these lakes on Buffalo's weather is substantial. All of the seasons are delayed by several weeks by this moderating effect compared to places farther inland. A bit over half of the year's daylight hours will be sunny, from about 26% in December to some 68% in July. You can expect the annual range of temperatures to run from a few degrees below zero some frigid winter morning to the low 90's some sunny and windless summer afternoon. Precipitation is moderate and is fairly well distributed throughout the year. Much of the winter precipitation comes as snow, when the moist winds off of the relatively warm waters of the lakes meet the much colder land. Snowfall varies widely from year to year, and also varies from place to place--depending upon how close you are to the lakeshore and on small increases in elevation.