

SUNSHINE GUIDE TO THE CHARLOTTETOWN AREA (P. E. I.), CANADA

LOCATION: Charlottetown, the capital and primate city of the province of Prince Edward Island, is located on the south-central part of the island. The small city is situated on a peninsula between the Yorke River and the Hillsborough River where they empty into Charlottetown Harbor and Hillsborough Bay. The bay, in turn, opens onto the Northumberland Strait, across which lies Nova Scotia. Elevations are close to sea level.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	9:04	10:19	11:53	13:32	14:58	15:44	15:25	14:11	12:37	10:58	9:30	8:42
HOURS OF SUNSHINE	3:05	4:06	4:44	5:34	6:47	7:21	8:08	7:28	6:09	4:32	2:45	2:22
AREA OF BLUE SKY	36%	38%	37%	37%	37%	39%	41%	44%	42%	34%	24%	26%
LOW FOR MONTH	-7°	-7°	2°	20°	29°	38°	48°	46°	38°	29°	18°	0°
SUNRISE TEMPERATURE	10°	9°	19°	30°	39°	50°	58°	57°	50°	40°	31°	18°
AFTERNOON TEMPERATURE	26°	26°	33°	43°	56°	66°	73°	72°	65°	54°	42°	31°
HIGH FOR MONTH	46°	45°	49°	63°	76°	82°	84°	84°	79°	69°	60°	50°
FROSTY MORNINGS	93%	98%	91%	68%	14%	0%	0%	0%	0%	13%	53%	88%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOON HUMIDITY	70%	66%	66%	64%	59%	61%	62%	63%	63%	66%	71%	69%
NEARBY WATERS	31°	30°	30°	33°	38°	48°	57°	59°	53°	46°	41°	37°
DRY DAYS	51%	54%	58%	58%	58%	59%	64%	64%	60%	56%	49%	48%
REASONABLY DRY DAYS	74%	76%	77%	77%	77%	78%	80%	79%	77%	74%	71%	72%
5-DAY PRECIPITATION	0.63	0.57	0.53	0.51	0.49	0.48	0.49	0.55	0.58	0.67	0.68	0.71
LIKELY SNOWFALL	28.1"	25.5"	21.2"	8.9"	0.9"	0.0"	0.0"	0.0"	0.0"	0.6"	7.8"	26.3"
SNOWY DAYS	40%	39%	32%	19%	1%	0%	0%	0%	0%	2%	17%	42%
THUNDER DAYS	0%	0%	0%	0%	1%	6%	6%	5%	1%	0%	0%	0%
FOGGY DAYS	9%	8%	14%	15%	13%	12%	12%	10%	7%	8%	8%	9%

COMMENTS: Bright sunshine is likely on 43% of the year's daylight hours. This might range from a low of 27% in December, to a high of 53% in July and August. The year's lowest temperature should be close to -11°, and the highest should be near 86°. Sensible summer afternoon temperatures (the ones you actually feel) will be essentially the same as actual ones. The effect of the surrounding waters is to keep summer temperatures from getting as hot as they do at similar latitudes on the Canadian mainland, and winter temperatures from getting as cold. Below-zero temperatures will occur almost every winter, but nowhere near as often as they do in the continental interior. The winds sweeping across the surrounding open waters during the winter months also tend to dump heavier snowfalls than would otherwise be the case. The ground is usually snow-covered and frozen from late November through late April.