

Average Hours of Sunlight throughout Alberta

	% Sun	Place	Hours	
Central Alberta	52	Calgary	2396	333
	50	Edmonton	2345	325
	44	Edson	2040	319
	41	Jasper	1913	325
	47	Red Deer	2208	324
Northern Alberta	46	Cold Lake	2156	310
	44	Fort McMurray	2089	306
	46	Grande Prairie	2198	314
	41	High Level	2055	285
	46	Slave Lake	2178	313

Sunlight and tilt for St. Albert

			Mean daily global insolation (kWh/m ² or full sun hours (h))	Mean daily global insolation (kWh/m ² or full sun hours (h))	Mean daily global insolation (kWh/m ² or full sun hours (h))	Mean daily global insolation (kWh/m ² or full sun hours (h))	Mean daily global insolation (kWh/m ² or full sun hours (h))	Mean Daily global isolation (kWh/m ² or full sun hours (h))
			South-facing vertical (tilt=90°)	South-facing tilt=latitude	South-facing tilt=lat+15°	South-facing tilt=lat-15°	Two-axis sun-tracking	Horizontal (tilt=0°)
Alberta	St. Albert	January	3.19	3.01	3.21	2.63	3.57	0.95
Alberta	St. Albert	February	4.28	4.36	4.5	3.98	5.28	1.89
Alberta	St. Albert	March	4.72	5.4	5.31	5.22	6.93	3.41
Alberta	St. Albert	April	4.2	5.75	5.29	5.93	8.4	4.8
Alberta	St. Albert	May	3.38	5.31	4.66	5.77	8.62	5.72
Alberta	St. Albert	June	3.2	5.33	4.57	5.91	9.14	6.12
Alberta	St. Albert	July	3.31	5.43	4.68	5.95	9.17	6.1

Alberta	St. Albert	August	3.51	5.2	4.66	5.5	8.05	5.05
Alberta	St. Albert	September	3.76	4.78	4.54	4.76	6.56	3.38
Alberta	St. Albert	October	3.87	4.24	4.26	3.97	5.3	2.08
Alberta	St. Albert	November	3.18	3.1	3.27	2.75	3.71	1.06
Alberta	St. Albert	December	2.65	2.46	2.65	2.13	2.92	0.71
Alberta	St. Albert	Annual	3.6	4.53	4.3	4.54	6.48	3.45

PV potential for St. Albert

			PV potential (kWh/kWp)	PV potential (kWh/kWp)	PV potential (kWh/kWp)	PV potential (kWh/kWp)
Alberta	St. Albert	January	74	70	75	61
Alberta	St. Albert	February	90	92	95	84
Alberta	St. Albert	March	110	126	124	121
Alberta	St. Albert	April	94	129	119	133
Alberta	St. Albert	May	79	123	108	134
Alberta	St. Albert	June	72	120	103	133
Alberta	St. Albert	July	77	126	109	138
Alberta	St. Albert	August	82	121	108	128
Alberta	St. Albert	September	85	108	102	107
Alberta	St. Albert	October	90	99	99	92
Alberta	St. Albert	November	72	70	74	62
Alberta	St. Albert	December	62	57	62	49
Alberta	St. Albert	Annual	985	1240	1176	1244

