



Kelowna: December 2011 Weather Data & Observation Notes

http://www.climate.weatheroffice.gc.ca/climateData/dailydata_e.html?timeframe=2&Prov=XX&StationID=10976&Year=2011&Month=11&Day=1#Year=2011&Month=12

Daily Data Report for December 2011

Day	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days	Cool Deg Days	Total Rain mm	Total Snow cm	Total Precip mm	Snow on Grnd cm
01+	3.5	-7.1	-1.8	19.8	0.0	0.0	0.0	0.0	0
02+	7.0	-4.5	1.3	16.7	0.0	0.0	0.0	0.0	0
03+	2.8	-2.2	0.3	17.7	0.0	0.0	0.0	0.0	0
04+	5.9	-4.5	0.7	17.3	0.0	0.0	0.0	0.0	0
05+	0.4	-5.6	-2.6	20.6	0.0	0.0	0.0	0.0	0
06+	2.8	-4.4	-0.8	18.8	0.0	0.0	0.0	0.0	0
07+	-0.4	-4.9	-2.7	20.7	0.0	0.0	0.0	0.0	0
08+	-2.3	-3.6	-3.0	21.0	0.0	0.0	0.0	0.0	0
09+	-2.8	-8.9	-5.9	23.9	0.0	0.0	0.0	0.0	0
10+	1.3	-7.2	-3.0	21.0	0.0	0.0	0.4	0.4	0
11+	2.5	-5.3	-1.4	19.4	0.0	0.0	0.2	0.2	T
12+	1.0	-5.6	-2.3	20.3	0.0	0.0	0.0	0.0	T
13+	-0.6	-9.1	-4.9	22.9	0.0	0.0	0.0	0.0	T
14+	-1.0	-3.1	-2.1	20.1	0.0	0.0	3.4	3.0	T
15+	0.6	-2.7	-1.1	19.1	0.0	0.0	0.4	0.4	3
16									
17+	2.8	-0.1	1.4	16.6	0.0	0.4	0.0	0.4	3
18+	7.5	0.0	3.8	14.2	0.0	0.0	0.0	0.0	1
19+	1.7	-6.1	-2.2	20.2	0.0	0.0	0.0	0.0	1
20+	2.1	-0.9	0.6	17.4	0.0	0.0	1.8	1.4	T
21+	4.2	-6.8	-1.3	19.3	0.0	0.0	0.0	0.0	2
22+	-1.0	-9.1	-5.1	23.1	0.0	0.0	0.0	0.0	2
23+	1.7	-7.8	-3.1	21.1	0.0	0.0	0.0	0.0	2
24+	1.5	-1.1	0.2	17.8	0.0	0.0	0.0	0.0	2
25+	5.3	-1.3	2.0	16.0	0.0	0.0	0.0	0.0	2
26+	3.0	-0.6	1.2	16.8	0.0	0.0	1.2	1.2	1
27+	3.1	-1.9	0.6	17.4	0.0	0.8	2.4	3.0	2
28+	8.7	-0.1	4.3	13.7	0.0	1.6	0.0	1.6	4
29+	9.8	2.0	5.9	12.1	0.0	3.6	0.0	3.6	4
30+	7.5	0.3	3.9	14.1	0.0	0.0	0.2	0.2	T
31									
Sum				539.1*	0.0*	6.4*	10.0*	15.4*	
Avg	2.7*	-3.9*	-0.6*						
Xtrm	9.8*	-9.1*							

Summary, average and extreme values are based on the data above.



Decembers Snow Story for Kelowna 2011:

So much for "worst winter ever" forecasts so far....after that one week in November of tough winter we were left with a very uneventful first part of the winter.

December had only a few minimal snowfalls, a Green Christmas, and some bad icy days.

~~~~~ See website for weather details ~~~~~

Sunday, December 11th . Around 1am to 5 am very light flakes falling on ground that had been below freezing for almost two solid weeks. Accumulation between 1 and 2 cm was just barely enough to compress into slippery whitepack ice. Less fell on the Westside. Temperatures rose above freezing around 11am and all started to melt. Anything not melted by the sun or our Antiice remained slippery for a few days.

Wednesday, Dec 14th . About 7 pm the lightest "snow shower" started falling. By midnight barely once centimeter had accumulated in the greater Kelowna area. Temperatures stayed very close to freezing.

Thursday, Dec 15th . Snowfall stopped in the early AM and left anywhere between 3 cm and 2 1/2 inches. Lightest was downtown Kelowna towards hospital, with just under 2 inches in Mission, and Rutland to Airport all about 2 inches.

Friday, Dec 16th . Very light freezing rain, on & off from 6pm into night.

Wednesday, Dec 20th . After a few days of beautiful sunshine and warmish weather at just after 4pm we get a big wet snowball thrown at us. Anywhere from 2cm to just over 2 inches fell within one hour and whatever was not Aniiced, broomed, or scraped became welded white ice as the thermometer dropped over 10 degrees. Weather stations could barely record what had come down during the hardest 15 minutes of this occurrence. Many of our sites required multiple Antiice applications to keep this "Perfect Storm" of ice formation under control, and ready for more snow which was forecasted almost every day till Christmas.

Christmas Day: It was certainly a "Green" Christmas, as our equipment and manpower left no carbon footprint/Greenhouse Gas Emissions - there was no snow or ice to control!

Monday, December 26th . At 5 pm we finally got some precipitation, but with temperatures just above freezing, snow accumulation was negligible. We got barely 2 cm accumulation over the 4 hours of light snowfall, and only closer to Rutland. Temperatures fell below freezing in all areas and wherever Antiice was not present black/white ice was created everywhere. Our Antiice applications done before Christmas paid off just about everywhere.

Tuesday, December 27th . More freezing rain and little wet snow poofers makes sidewalks a bit slippery. Continual periods of almost freezing rain/ wet snow occurred throughout the day and into the night. By midnight around 1 " had accumulated in the Glenmore area but closer to the lake it remained wet and slushy. Warmer temperatures forecasted.....

Wednesday, December 28th. All surfaces were icy & slippery, right down to the lake early this morning. Temperatures rose to plus 5, but not until 10am. Rain and unseasonably warm temperatures melted all the ice and snow the next day.

Saturday, December 31st . Very early in the morning a belt of light snow blew through northern Kelowna leaving a trace of the slippery white stuff only in some areas.