



Government of Canada

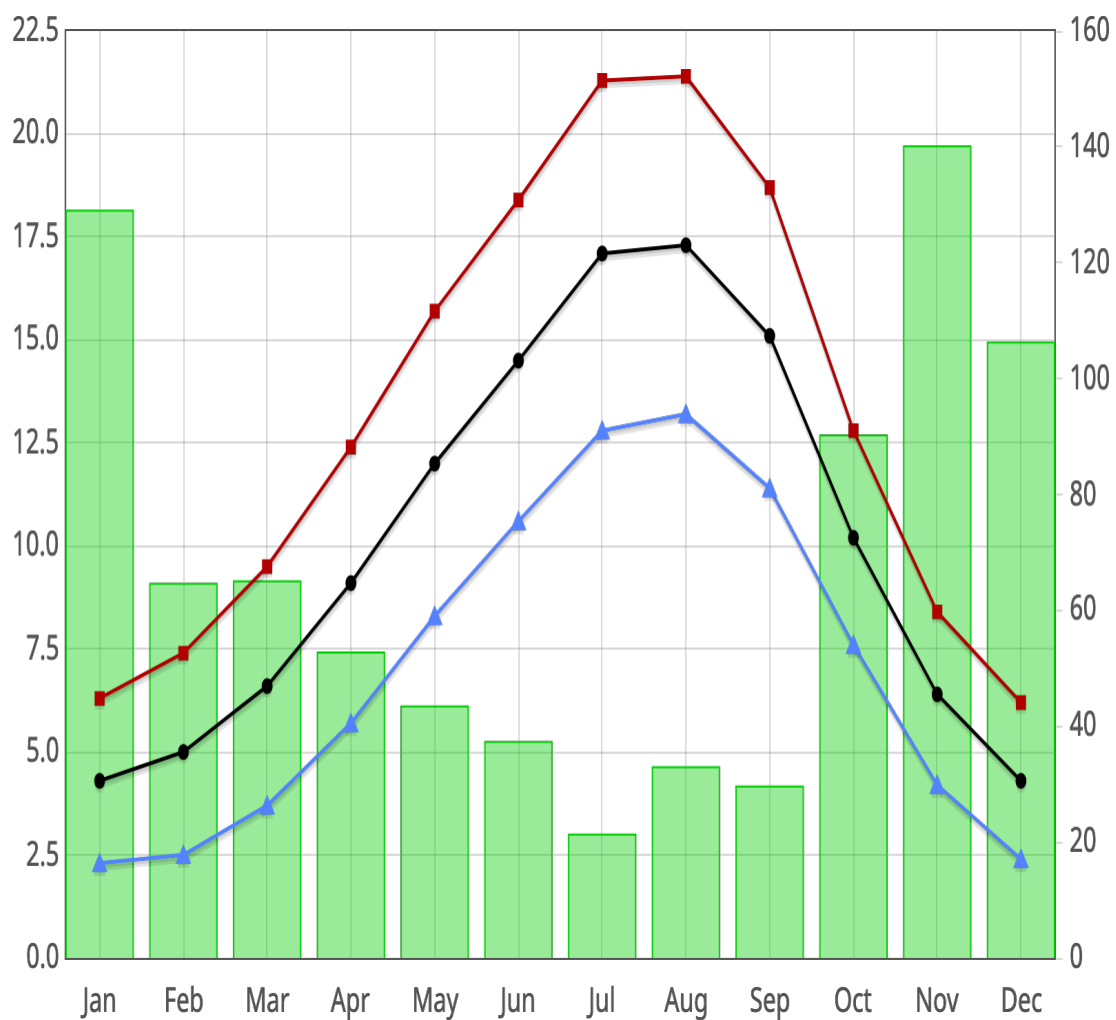
Gouvernement du Canada

Home > Environment and natural resources > Weather, Climate and Hazard > Past weather and climate > Climate Normals & Averages

Canadian Climate Normals 1981-2010 Station Data

▼ Temperature and Precipitation Graph

Temperature and Precipitation Graph for 1981 to 2010 Canadian Climate Normals
SATURNA CAPMON



	Daily Maximum Temperature (°C)
	Daily Average Temperature (°C)
	Daily Minimum Temperature (°C)
	Precipitation (mm)

▼ Normals Data

The minimum number of years used to calculate these Normals is indicated by a code for each element. A "+" beside an extreme date indicates that this date is the first occurrence of the extreme value. Values and dates in bold indicate all-time extremes for the location.

Data used in the calculation of these Normals may be subject to further quality assurance checks. This may result in minor changes to some values presented here.

**SATURNA CAPMON
BRITISH COLUMBIA
Current Station Operator: CCN**

Latitude:	48°46'31.000" <u>N</u>
Longitude:	123°07'40.006" <u>W</u>
Elevation:	178.00 <u>m</u>
Climate ID:	1017098
WMO ID:	
TC ID:	

▼ Temperature

Temperature														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Daily Average (°C)	4.3	5.0	6.6	9.1	12.0	14.5	17.1	17.3	15.1	10.2	6.4	4.3	10.2	<u>D</u>
Standard Deviation	1.4	1.2	1.2	0.8	1.3	1.2	1.1	0.9	1.1	0.7	1.1	1.2	1.5	<u>D</u>
Daily Maximum (°C)	6.3	7.4	9.5	12.4	15.7	18.4	21.3	21.4	18.7	12.8	8.4	6.2	13.2	<u>D</u>
Daily Minimum (°C)	2.3	2.5	3.7	5.7	8.3	10.6	12.8	13.2	11.4	7.6	4.2	2.4	7.1	<u>D</u>
Extreme Maximum (°C)	13.0	15.0	21.0	23.0	28.0	30.5	33.0	31.5	28.5	23.0	15.0	13.5		
Date (yyyy/dd)	2005/ 19	1992/ 27	2004/ 29	2004/ 30	2005/ 26	1995/ 30	2004/ 23	1993/ 04	2006/ 02	1993/ 03	2001/ 14	2005/ 24		
Extreme Minimum (°C)	-10.0	-8.0	-6.0	0.0	1.0	5.0	8.0	9.0	5.0	-1.5	-9.0	-12.5		
Date (yyyy/dd)	1996/ 29	1990/ 17	2002/ 07	2000/ 24	2002/ 06	1991/ 03	1999/ 02	1992/ 24	1992/ 13	2006/ 31	2006/ 29	1990/ 28		

▼ Precipitation

Precipitation														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Rainfall (mm)	115.4	59.6	57.7	52.7	43.4	37.3	21.3	32.9	29.6	89.7	134.4	98.2	772.2	<u>D</u>
Snowfall (cm)	13.9	5.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	5.7	7.9	39.7	<u>D</u>
Precipitation (mm)	129.0	64.6	65.0	52.7	43.4	37.3	21.3	32.9	29.6	90.2	140.1	106.2	812.2	<u>D</u>
Average Snow Depth (cm)	1	0	0	0	0	0	0	0	0	0	0	0	0	<u>D</u>
Median Snow Depth (cm)	0	0	0	0	0	0	0	0	0	0	0	0	0	<u>D</u>
Snow Depth at Month-end (cm)	1	0	0	0	0	0	0	0	0	0	0	1	0	<u>D</u>
Extreme Daily Rainfall (mm)	47.0	28.8	28.6	38.0	25.2	24.0	23.8	50.4	30.6	106.4	57.6	39.4		
Date (yyyy/dd)	1999/ 28	1995/ 18	1997/ 18	1997/ 19	1998/ 26	2000/ 11	1995/ 25	1995/ 06	1994/ 09	2003/ 16	1995/ 07	1990/ 08		
Extreme Daily Snowfall (cm)	21.0	9.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	34.0	13.8		
Date (yyyy/dd)	1991/ 07	1993/ 19	2002/ 19	1990/ 01	1990/ 01	1989/ 01	1989/ 01	1989/ 01	1989/ 01	1991/ 28	2006/ 26	1996/ 22		

Precipitation														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Extreme Daily Precipitation (mm)	47.0	28.8	28.6	38.0	25.2	24.0	23.8	50.4	30.6	106.4	57.6	39.4		
Date (yyyy/dd)	1999/ 28	1995/ 18	1997/ 18	1997/ 19	1998/ 26	2000/ 11	1995/ 25	1995/ 06	1994/ 09	2003/ 16	1995/ 07	1990/ 08		
Extreme Snow Depth (cm)	33	12	21	0	0	0	0	0	0	0	9	18	18	
Date (yyyy/dd)	1991/ 09	1993/ 21	2002/ 20	1990/ 01	1990/ 01	1989/ 01	1989/ 01	1989/ 01	1989/ 01	1991/ 29	2006/ 29	2006/ 02		

► Days with Minimum Temperature

▼ Days with Rainfall

Days with Rainfall														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
>= 0.2 mm	18.6	13.9	16.7	15.2	12.4	10.5	5.9	6.8	7.4	16.2	20.5	18.5	162.5	<u>D</u>
>= 5 mm	7.0	3.9	4.2	3.8	2.7	2.7	1.6	1.9	2.3	5.3	8.6	7.0	51.1	<u>D</u>
>= 10 mm	3.7	1.8	1.2	1.2	1.2	1.0	0.61	1.1	0.78	2.9	4.1	2.9	22.4	<u>D</u>
>= 25 mm	0.56	0.17	0.06	0.12	0.06	0.0	0.0	0.28	0.06	0.56	0.89	0.35	3.1	<u>D</u>

► Days With Snowfall

► Days with Precipitation

Legend

- A = WMO "3 and 5 rule" (i.e. no more than 3 consecutive and no more than 5 total missing for **either** temperature **or** precipitation)
- B = At least 25 years
- C = At least 20 years
- D = At least 15 years

▼ Station / Element Metadata

Statistics listed below are provided as a guide to determine the validity of Normals and Extremes calculations. For example, a station with 30 years of record between 1981 and 2010 with no missing years would be a more reliable normal than a station with 15 years of record and 2 missing years. Less than 100% possible observations indicates that out of the total number of observations used, some records were missing.

SATURNA CAPMON

Province/Territory	BC
Latitude (dd mm):	48 46 N
Country	CAN
Longitude (ddd mm):	123 07 W
Time Zone	PST
Latitude (decimal degrees):	48.78 N
Climate ID:	1017098
Longitude (decimal degrees):	123.12 W

WMO ID:**Elevation (m):**

178

TC ID:

▼ Temperature

<u>Temperature</u>						
	Begin Year	End Year	Total Number of Years	Missing Years	Total Count of Observations	% of Possible Observations
Daily Average (°C)	1989	2007	18	1	6420	99.1
Standard Deviation	1989	2007	18	1	6420	99.1
Daily Maximum (°C)	1989	2007	18	1	6440	99.4
Daily Minimum (°C)	1989	2007	18	1	6449	99.5
Extreme Maximum (°C)	1989	2007			6467	99.8
Extreme Minimum (°C)	1989	2007			6477	99.9

▼ Precipitation

<u>Precipitation</u>						
	Begin Year	End Year	Total Number of Years	Missing Years	Total Count of Observations	% of Possible Observations
Rainfall (mm)	1989	2007	18	1	6451	99.5
Snowfall (cm)	1989	2007	18	1	6451	99.5
Precipitation (mm)	1989	2007	18	1	6451	99.5
Average Snow Depth (cm)	1989	2007	18	2	6255	96.5
Median Snow Depth (cm)	1989	2007	18	2	6255	96.5
Snow Depth at Month-end (cm)	1989	2007	18	1	210	98.6
Extreme Daily Rainfall (mm)	1989	2007			6478	99.9
Extreme Daily Snowfall (cm)	1989	2007			6478	99.9
Extreme Daily Precipitation (mm)	1989	2007			6478	99.9
Extreme Snow Depth (cm)	1989	2007			6405	98.8

► Days with Minimum Temperature

► Days with Rainfall

► Days With Snowfall

► Days with Precipitation

► Frost-Free

Date modified:

2022-05-25