



Canadian Climate Normals 1971-2000

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.

NOTE!! 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.

NORTH BATTLEFORD A * SASKATCHEWAN

Latitude: 52°46'19.004" N **Longitude:** 108°15'20.007" W **Elevation:** 548.30 m

Climate ID: 4045600

WMO ID: 71876

TC ID: YQW

* This station meets [WMO standards](#) for temperature and precipitation.

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul
Daily Average (°C)	-17	-13.2	-6.2	4.2	11.4	15.7	17.6
Standard Deviation	4.6	4.5	3.5	2.5	1.9	1.3	1.1
Daily Maximum (°C)	-11.8	-7.9	-1.1	10.3	18.2	22	24
Daily Minimum (°C)	-22.2	-18.4	-11.3	-2	4.6	9.3	11.2
Extreme Maximum (°C)	9.1	10.4	16.7	32.2	34.9	37.8	36.7
Date (yyyy/dd)	1993/30	2002/16	1946/26	1952/28	1986/29	1988/05	1947/15+
Extreme Minimum (°C)	-46.1	-44.1	-37.2	-27.8	-13.2	-1.7	2.2
Date (yyyy/dd)	1943/20+	1994/07	1972/02	1954/02	2002/01	1969/12+	1946/23
Precipitation:							
Rainfall (mm)	0.6	0.4	1.4	15.9	36.9	61.2	71.2
Snowfall (cm)	20.5	12	15.5	9.9	2.1	0.1	0
Precipitation (mm)	17.1	10.4	15.2	25.8	38.6	61.3	71.2
Average Snow Depth (cm)	19	21	16	3	0	0	0
Median Snow Depth (cm)	19	21	16	2	0	0	0
Snow Depth at Month-end (cm)	22	20	10	0	0	0	0
Extreme Daily Rainfall (mm)	6	7.4	15	29.8	46	92.7	69.3
Date (yyyy/dd)	1981/24	1998/13	2000/29	1991/27	1949/30	1965/26	1944/06
Extreme Daily Snowfall (cm)	27.1	21.2	24.6	20.3	11.9	0.8	0
Date (yyyy/dd)	1989/30	2002/18	1956/26	1955/20	1953/10	1979/06	1942/01+
Extreme Daily Precipitation (mm)	18.2	19.6	24.6	41.2	46	92.7	69.3
Date (yyyy/dd)	1989/30	1961/15	1956/26	1991/27	1949/30	1965/26	1944/06
Extreme Snow Depth (cm)	90	89	96	76	3	0	3
Date (yyyy/dd)	1956/28+	1956/01+	1956/16	1974/01	1974/01+	1942/01+	1958/01
Days with Maximum Temperature:							
<= 0 °C	27.4	22.1	16.2	2.4	0	0	0
> 0 °C	3.6	6.2	14.8	27.6	31	30	31
> 10 °C	0	0	1.1	15	28.2	29.8	31

> 20 °C	0	0	0	3.3	11.7	19.7	25.6
> 30 °C	0	0	0	0.07	0.67	1.4	1.9
> 35 °C	0	0	0	0	0	0.13	0.1
<u>Days with Minimum Temperature:</u>							
> 0 °C	0.03	0.1	0.77	10	26.1	29.9	31
<= 2 °C	31	28.2	30.9	24.6	9.2	0.5	0
<= 0 °C	31	28.2	30.2	20	4.9	0.13	0
< -2 °C	30.9	28	27.4	13.4	1.7	0	0
< -10 °C	28.1	23.2	15.2	2	0	0	0
< -20 °C	17.2	10.9	4.9	0.33	0	0	0
< -30 °C	6.9	3	0.83	0	0	0	0
<u>Days with Rainfall:</u>							
>= 0.2 mm	0.57	0.3	0.87	5.3	9	12.3	12.4
>= 5 mm	0.03	0.03	0.07	0.9	2.1	3.6	4.3
>= 10 mm	0	0	0.03	0.43	1	1.7	2.5
>= 25 mm	0	0	0	0.07	0.13	0.3	0.4
<u>Days With Snowfall:</u>							
>= 0.2 cm	10.6	8.3	7.1	3.8	0.83	0.1	0
>= 5 cm	1.1	0.53	0.87	0.6	0.17	0	0
>= 10 cm	0.17	0.07	0.23	0.1	0.03	0	0
>= 25 cm	0.03	0	0	0	0	0	0
<u>Days with Precipitation:</u>							
>= 0.2 mm	10.7	8	7.3	7.8	9.4	12.3	12.4
>= 5 mm	0.67	0.37	0.9	1.5	2.2	3.6	4.3
>= 10 mm	0.07	0.07	0.13	0.6	1	1.7	2.5
>= 25 mm	0	0	0	0.07	0.13	0.3	0.4
<u>Days with Snow Depth:</u>							
>= 1 cm	30.9	28.3	26.5	6.6	0.17	0	0
>= 5 cm	30.1	27.5	22.4	4.4	0	0	0
>= 10 cm	24.9	21.2	18.2	2.7	0	0	0
>= 20 cm	13	12.8	8.6	1.7	0	0	0
<u>Wind:</u>							
Speed (km/h)	12.6	13.1	14.5	16.5	16.3	15.2	13.1
Most Frequent Direction	E	E	E	E	E	E	E
Maximum Hourly Speed (km/h)	80	87	80	64	69	77	72
Date (yyyy/dd)	1956/06	1956/21	1956/03	1958/16+	1954/26	1961/30	1974/12
Maximum Gust Speed (km/h)	109	85	96	105	128	126	141
Date (yyyy/dd)	1986/11	1978/05+	1977/08	1961/13	1988/29	1968/12	1993/30
Direction of Maximum Gust	W	SE	W	NW	S	SW	SW
Days with Winds >= 52 km/h	0.9	0.9	0.6	0.9	1.6	1.3	0.8
Days with Winds >= 63 km/h	0.1	0.2	0.2	0.3	0.3	0.3	0.3
<u>Degree Days:</u>							
Above 24 °C	0	0	0	0	0.1	0.7	0.8
Above 18 °C	0	0	0	0.2	6.4	16.4	31.2
Above 15 °C	0	0	0	1.5	20.5	52.5	88.9
Above 10 °C	0	0	0	13.8	84.1	172.1	235.3
Above 5 °C	0	0	1.2	55.1	204.1	319.7	390.3
Above 0 °C	1	1.6	16.6	151.2	354.6	469.7	545.3

Below 0 °C	529.3	372.9	209.2	26.3	0.2	0	0
Below 5 °C	683.4	512.6	348.8	80.2	4.7	0	0
Below 10 °C	838.3	653.9	502.6	189	39.7	2.4	0
Below 15 °C	993.3	795.3	657.6	326.6	131.1	32.8	8.5
Below 18 °C	1086.3	880.1	750.6	415.4	210	86.7	43.9
<u>Humidex:</u>							
Extreme Humidex	8.6	10.1	16.1	30	36.9	41.5	42.9
Date (yyyy/dd)	1985/03	2002/16	1993/23	1977/26	1986/28	1988/05	2002/12
Days with Humidex >= 30	0	0	0	0	0.7	2	5.6
Days with Humidex >= 35	0	0	0	0	0.1	0.3	0.8
Days with Humidex >= 40	0	0	0	0	0	0	0
<u>Wind Chill:</u>							
Extreme Wind Chill	-56.9	-54.6	-46.4	-35.8	-16.4	-5.4	1.6
Date (yyyy/dd)	1972/25	1962/27	1962/01	1954/02	2002/05	1969/12	1991/07
Days with Wind Chill < -20	23.8	17.4	10.2	1.1	0	0	0
Days with Wind Chill < -30	14.3	9.1	3.2	0.2	0	0	0
Days with Wind Chill < -40	6.2	2.4	0.1	0	0	0	0
<u>Humidity:</u>							
Average Vapour Pressure (kPa)	0.2	0.2	0.3	0.5	0.7	1.1	1.3
Average Relative Humidity - 0600LST (%)	76.7	79.4	81.9	78.8	75.2	80.3	86.1
Average Relative Humidity - 1500LST (%)	72.6	72.4	68.6	48.7	41.1	47.2	50.4
<u>Pressure:</u>							
Average Station Pressure (kPa)	95	95.1	94.9	94.9	94.8	94.7	94.9
Average Sea Level Pressure (kPa)	102	101.9	101.7	101.6	101.3	101.2	101.4
<u>Visibility (hours with):</u>							
< 1 km	13	21.1	13	4.1	1.4	1.3	2
1 to 9 km	77.1	66.1	58.5	28.7	12.9	10.3	6.4
> 9 km	653.9	590.3	672.5	687.3	729.7	708.4	735.7
<u>Cloud Amount (hours with):</u>							
0 to 2 tenths	226.7	202.5	220.9	220.6	195.9	167.3	216.2
3 to 7 tenths	135.5	134.2	148.6	172.4	221.5	230.3	245.3
8 to 10 tenths	381.7	340.9	374.5	327	326.7	322.4	282.5