

Climate Normals 1981-2010 Station Data														
Metadata including Station Name, Province, Latitude, Longitude, Elevation, Climate ID, WMO ID, TC ID														
STATION_NAME	PROVINCE	LATITUDE	LONGITUDE	ELEVATION	CLIMATE	WMO_ID	TC_ID							
*PELLY	SASK	52°05'00.0	101°52'0	509m	4086000									
* This station meets WMO standards for temperature and precipitation.														
1981 to 2010 Canadian Climate Normals station data														
	0 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Temperature														
Daily Average (°C)	-17.4	-14.3	-7.7	1.7	9	14.1	16.9	15.8	9.9	2.8	-7.4	-15	0.7	A
Standard Deviation	4.4	3.9	3.2	2.6	1.6	1.7	1.2	1.7	1.5	1.7	3.8	4.5	1.2	A
Daily Maximum (°C)	-12	-8.6	-1.9	7.8	15.9	20.5	23.2	22.4	16.1	8	-3.3	-10.2	6.5	A
Daily Minimum (°C)	-22.7	-19.9	-13.6	-4.3	2.1	7.7	10.5	9.1	3.7	-2.4	-11.6	-19.7	-5.1	A
Extreme Maximum (°C)	10	10.5	17.5	28.3	37	35	36.7	37.2	33.3	29	18.3	10.6		
Date (yyyy/dd)	66 43/100	68 69/100	83 4/100	69 71/100	90 5 60/100	0 54/100	2 56/100	9 33/100	1992	395	1969			0
Extreme Minimum (°C)	-48.3	-45.6	-46.7	-36	-13.9	-6.7	-1.1	-3.5	-16.7	-22	-40.6	-46.1		
Date (yyyy/dd)	391 80/100	72 67/100	1962	1979	1970 3 17/100	7 33/100	4 26/100	70 4/100	8 55/100	7 52/100	2 89/100			0
Precipitation														
Rainfall (mm)	0.5	0.4	3.8	14.2	55	88.8	95.7	71.6	52.3	20.1	2.8	0.5	405.7	A
Snowfall (cm)	25.8	21.3	27.9	20	4.6	0.2	0	0	2.4	12.2	25.8	26.6	166.9	A
Precipitation (mm)	26.3	21.7	31.8	34.3	59.6	89	95.7	71.6	54.7	32.2	28.6	27.1	572.6	A
Snow Depth at Month-end (cm)	35	40	26	2	0	0	0	0	0	2	13	26	12	D
Extreme Daily Rainfall (mm)	11	3.2	12.2	29.4	53	61.2	107	77	47.6	36.6	9.4	3.6		
Date (yyyy/dd)	110 61/100	90 82/100	76 65/100	66 27/100	5 48/100	1 38/100	7 41/100	4 56/100	498 9 50/100	6 25/100	3 86/100			0
Extreme Daily Snowfall (cm)	22.9	25.4	45	34	15	3	0	0	11	25	25.4	22.9		
Date (yyyy/dd)	246 50/100	85 4/100	73 63/100	73 81/100	5 25/100	2 50/100	2 90/100	1951 0 75/100	1 64/100	3 10/100	8 95/100			0
Extreme Daily Precipitation (mm)	22.9	25.4	45	34	53	61.2	107	77	47.6	36.6	25.4	22.9		
Date (yyyy/dd)	246 50/100	85 4/100	73 63/100	73 81/100	5 48/100	1 38/100	7 41/100	4 56/100	498 9 50/100	3 10/100	8 95/100			0
Extreme Snow Depth (cm)	61	66	80	62	10	0	0	0	3	17	38	47		
Date (yyyy/dd)	70 50/100	74 33/100	82 36/100	2006	1995	1971	1971	1971 3 31/100	4 23/100	9 17/100	100			0
Days with Maximum Temperature														
<= 0 °C	28.7	24.2	17.7	4	0.15	0	0	0	0	3.7	20.1	28.3	126.9	A
> 0 °C	2.3	4	13.3	26	30.9	30	31	31	30	27.3	9.9	2.7	238.3	A
> 10 °C	0	0.04	0.67	11.1	24.3	29.2	31	30.9	24.8	11.6	0.4	0	164	A
> 20 °C	0	0	0	1.6	8.2	15.8	23.9	20.5	7.6	0.68	0	0	78.2	A
> 30 °C	0	0	0	0	0.33	0.65	1.2	1.6	0.08	0	0	0	3.8	A
> 35 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	A

Days with Minimum Temperature														
> 0 ∞C	0.04	0.07	0.48	5.4	19.1	28.5	30.9	30.2	22.5	8.6	0.26	0.04	145.9	C
<= 2 ∞C	31	28.2	31	27.6	16.4	3.8	0.31	1.9	10.9	26.3	30	31	238.3	C
<= 0 ∞C	31	28.2	30.5	24.6	11.9	1.5	0.12	0.84	7.3	22.4	29.7	31	219.1	C
< -2 ∞C	30.9	27.7	28.1	17.4	5.8	0.23	0	0.08	2.7	14.9	27.7	30.8	186.3	C
< -10 ∞C	27.5	23	17.5	4.2	0.07	0	0	0	0	1.9	14.4	25.3	113.8	C
< -20 ∞C	18	13	7.6	0.67	0	0	0	0	0	0.12	4.3	13.6	57.3	C
< -30 ∞C	7.6	5	1.9	0	0	0	0	0	0	0	0.48	5	20	C
Days with Rainfall														
>= 0.2 mm	0.19	0.22	1.3	4.2	9.6	12.9	12.4	10.4	9.1	5.9	1	0.31	67.3	A
>= 5 mm	0.04	0	0.3	0.89	3.5	5.2	5.2	4	3.2	1.2	0.19	0	23.6	A
>= 10 mm	0.04	0	0.04	0.26	1.8	3	2.7	2.3	1.6	0.41	0	0	12.1	A
>= 25 mm	0	0	0	0.07	0.33	0.59	0.77	0.48	0.48	0	0	0	2.7	A
Days With Snowfall														
>= 0.2 cm	10.8	8.6	8	4.4	1.2	0.07	0	0	0.59	3.8	9.5	10.3	57.1	A
>= 5 cm	1.2	1.2	1.9	1.4	0.41	0	0	0	0.19	0.7	1.6	1.4	10	A
>= 10 cm	0.26	0.26	0.7	0.52	0.11	0	0	0	0.11	0.33	0.5	0.46	3.3	A
>= 25 cm	0	0	0.04	0.07	0	0	0	0	0	0.04	0	0	0.15	A
Days with Precipitation														
>= 0.2 mm	10.9	8.8	8.9	8	10.4	12.9	12.4	10.4	9.4	9	10.1	10.5	121.6	A
>= 5 mm	1.3	1.2	2.1	2.4	3.9	5.2	5.2	4	3.3	1.9	1.9	1.4	33.6	A
>= 10 mm	0.3	0.26	0.78	0.89	2	3.1	2.7	2.3	1.7	0.78	0.54	0.46	15.8	A
>= 25 mm	0	0	0.04	0.15	0.33	0.59	0.77	0.48	0.48	0.04	0	0	2.9	A
Degree Days														
Above 24 ∞C	0	0	0	0	0	0.1	0.3	0.1	0	0	0	0	0.5	C
Above 18 ∞C	0	0	0	0	2	10.5	23.9	18.8	1	0	0	0	56.2	C
Above 15 ∞C	0	0	0	0.1	8.3	34.7	74	59.1	6.1	0.2	0	0	182.6	C
Above 10 ∞C	0	0	0	3.6	49.1	130	214.2	181.1	50.3	3.7	0	0	631.9	C
Above 5 ∞C	0	0	0.4	29.2	141.9	272.4	368.9	333.2	156	32.8	0.2	0	1,335.2	C
Above 0 ∞C	0.5	1.1	11.5	102.8	281.1	421.9	523.9	488.2	296.8	117.2	7.2	0.3	2,252.7	C
Below 0 ∞C	539.7	403	250.9	48.8	1.6	0	0	0	0.3	29.5	225.4	465.2	1,964.2	C
Below 5 ∞C	694.2	542.9	394.8	125.2	17.4	0.5	0	0	9.6	100.1	368.4	619.8	2,872.9	C
Below 10 ∞C	849.2	684.1	549.4	249.5	79.5	8.1	0.3	2.9	53.8	226	518.2	774.8	3,995.6	C
Below 15 ∞C	1,004.2	825.2	704.4	396.1	193.7	62.7	15.1	35.9	159.6	377.5	668.2	929.8	5,372.4	C
Below 18 ∞C	1,097.2	909.8	797.4	486	280.4	128.6	58	88.6	244.5	470.3	758.2	1,022.8	6,341.7	C
1981 to 2010 Canadian Climate Normals station data (Frost-Free)														

	Frost-Free:	Code																
Average Date of Last Spring Fro	Jun 5	C																
Average Date of First Fall Frost	Sep 1	C																
Average Length of Frost-Free Pe	86 Days	C																
Probability of last temperature i	10.0%	25.00%	33.00%	50.0%	66.00%	75.00%	90.0%											
Date	Jul 05	Jun 21	Jun 19	Jun 13	Jun 01	May 30	May 18											
Probability of first temperature	10.0%	25.00%	33.00%	50.0%	66.00%	75.00%	90.0%											
Date	Aug 06	Aug 17	Aug 19	Aug 27	Sep 03	Sep 12	Sep 21											
Probability of frost-free period e	10.0%	25.00%	33.00%	50.0%	66.00%	75.00%	90.0%											
Days	44	62	65	77	83	97	114											
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																		