



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary **DECEMBER 2025**

Day	Temperature						Degree-days			Precipitation			Relative Humidity		Station Pressure (sea level)	
	Max	Normal Max	Min	Normal Min	Mean	Normal Mean	Growing	Heating	Cooling	Geonor all-season ppt Gauge	Comments	Snow-on-Ground 0900h	Max ½ hr Avg	Min ½ hr Avg	Max ½ hr Avg	Min ½ hr Avg
	°C	1991-2020	°C	1991-2020	°C	1991-2020	5°C base	18°C base	18°C base	mm		cm	%	%	mbar	mbar
1	-12.6	-4.8	-20.1	-13.2	-16.4	-9.0	0.0	34.4	0.0	0.0		6	90	81	1015	1000
2	-5.5	-5.4	-19.4	-13.2	-12.5	-9.3	0.0	30.5	0.0	0.0		7	91	72	1023	999
3	-3.7	-6.2	-17.3	-14.6	-10.5	-10.4	0.0	28.5	0.0	0.0		6	86	74	1025	1008
4	-5.8	-7.0	-19.8	-16.4	-12.8	-11.7	0.0	30.8	0.0	0.0		8	88	73	1008	1003
5	1.0	-7.0	-5.8	-15.5	-2.4	-11.3	0.0	20.4	0.0	0.0		8	91	61	1015	1007
6	-4.5	-7.6	-23.0	-15.9	-13.8	-11.8	0.0	31.8	0.0	0.0		7	77	68	1020	1012
7	-20.3	-8.3	-26.0	-17.1	-23.2	-12.7	0.0	41.2	0.0	0.7		8	84	61	1020	1011
8	-12.2	-8.3	-21.5	-17.4	-16.9	-12.8	0.0	34.9	0.0	0.0		8	89	73	1011	998
9	-9.1	-7.6	-13.8	-17.3	-11.5	-12.5	0.0	29.5	0.0	2.4		12	90	67	1019	993
10	-7.1	-6.5	-19.8	-16.2	-13.5	-11.4	0.0	31.5	0.0	2.4		12	87	73	1020	1005
11	-9.0	-6.9	-22.8	-14.5	-15.9	-10.7	0.0	33.9	0.0	2.4		12	85	64	1028	1007
12	-10.2	-7.1	-24.5	-14.8	-17.4	-11.0	0.0	35.4	0.0	0.0		11	72	65	1032	1026
13	-24.3	-6.8	-30.7	-15.0	-27.5	-10.9	0.0	45.5	0.0	0.0		11	75	68	1029	1018
14	-16.9	-7.0	-32.6	-15.2	-24.8	-11.1	0.0	42.8	0.0	0.0		11	85	66	1017	1006
15	-7.1	-5.2	-16.9	-14.9	-12.0	-10.1	0.0	30.0	0.0	0.0		11	85	71	1013	988
16	4.9	-6.6	-15.6	-14.9	-5.4	-10.8	0.0	23.4	0.0	0.0		11	87	66	1008	987
17	5.0	-6.0	-16.4	-15.0	-5.7	-10.5	0.0	23.7	0.0	2.1		11	86	66	1012	990
18	-13.1	-6.9	-19.8	-16.0	-16.5	-11.5	0.0	34.5	0.0	0.0		11	72	55	1018	996
19	-17.2	-6.2	-23.3	-14.8	-20.3	-10.5	0.0	38.3	0.0	0.9		11	83	71	1003	982
20	-11.7	-6.5	-18.5	-16.3	-15.1	-11.4	0.0	33.1	0.0	0.0		11	76	63	1014	1004
21	-18.4	-7.3	-26.2	-16.3	-22.3	-11.8	0.0	40.3	0.0	0.0		11	74	65	1016	1013
22	-17.8	-8.6	-29.0	-15.9	-23.4	-12.3	0.0	41.4	0.0	0.4		11	78	67	1018	1011
23	-16.4	-8.1	-19.3	-17.9	-17.9	-13.0	0.0	35.9	0.0	0.0		11	78	70	1019	1012
24	-17.7	-7.2	-21.0	-16.3	-19.4	-11.7	0.0	37.4	0.0	0.0		12	78	73	1026	1017
25	-14.3	-7.8	-21.1	-16.3	-17.7	-12.1	0.0	35.7	0.0	0.6		13	85	75	1017	1006
26	-11.2	-8.2	-17.1	-16.8	-14.2	-12.5	0.0	32.2	0.0	1.9		13	82	69	1009	1004
27	-13.5	-7.9	-17.4	-18.0	-15.5	-13.0	0.0	33.5	0.0	4.2		16	81	76	1023	1004
28	-16.5	-9.2	-19.1	-17.7	-17.8	-13.5	0.0	35.8	0.0	0.0		19	79	72	1031	1024
29	-18.0	-10.3	-27.1	-18.8	-22.6	-14.6	0.0	40.6	0.0	0.0		18	80	70	1025	1016
30	0.2	-11.7	-18.0	-19.7	-8.9	-15.7	0.0	26.9	0.0	0.0		17	87	77	1019	1015
31	3.5	-12.0	-11.1	-20.1	-3.8	-16.1	0.0	21.8	0.0	1.3		17	83	71	1024	1013
Total							0.0	1035.6	0.0	19.3			Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	-10.3	-7.5	-20.5	-16.2	-15.4	-11.9	1991-2020 Normal			9.9	1991-2020 Normal					
Extreme Date	5.0		-32.6							379.4	Year to date 2024 Cumulative		91	55	1032	982
	17		14							352.3	Year to date Cumulative Normal		2	18	12	19

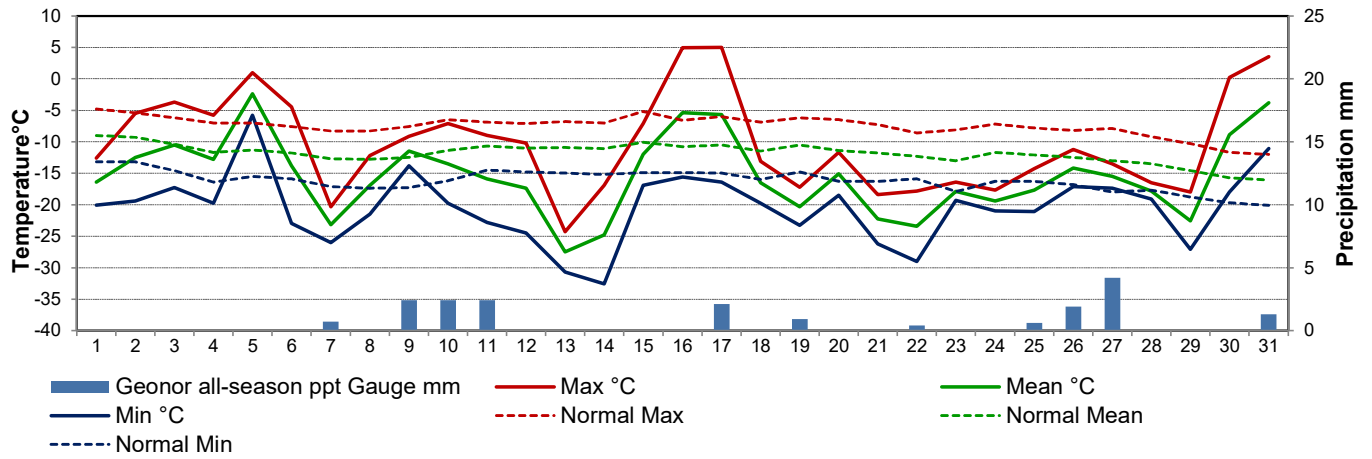
Note: Red numbers indicate manual calculation; Red cell indicate data not available

It has not been corrected for wind speed.

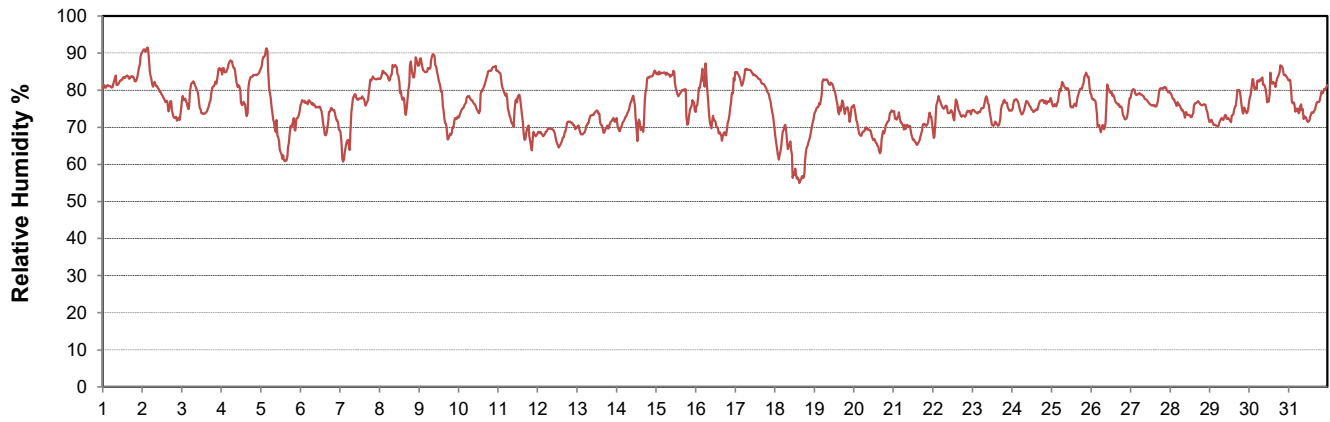
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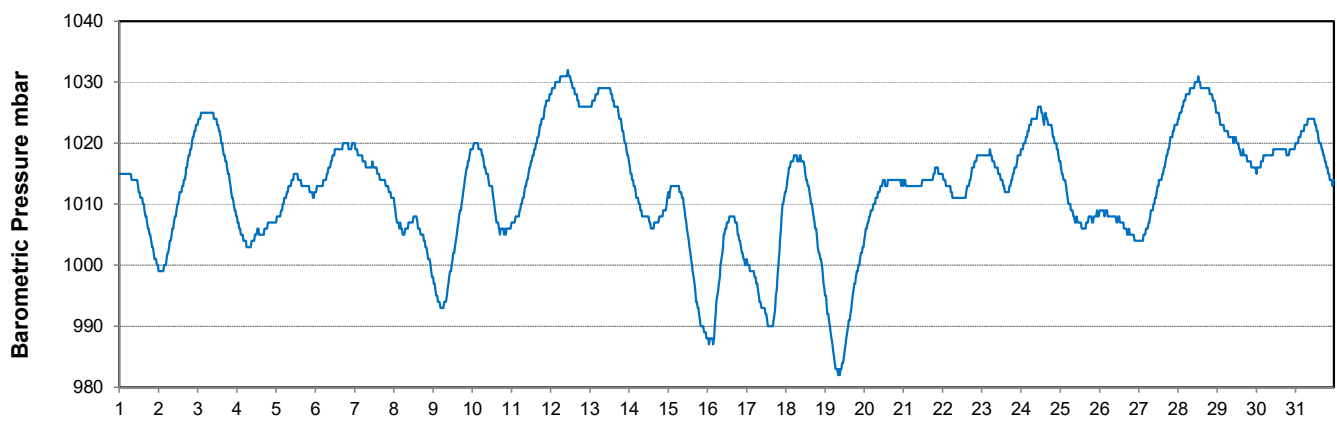
Temperature and Precipitation for December 2025



Relative Humidity for December 2025



Barometric Pressure Corrected to Sea Level for December 2025





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SASKATOON STATION 4057180

52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary

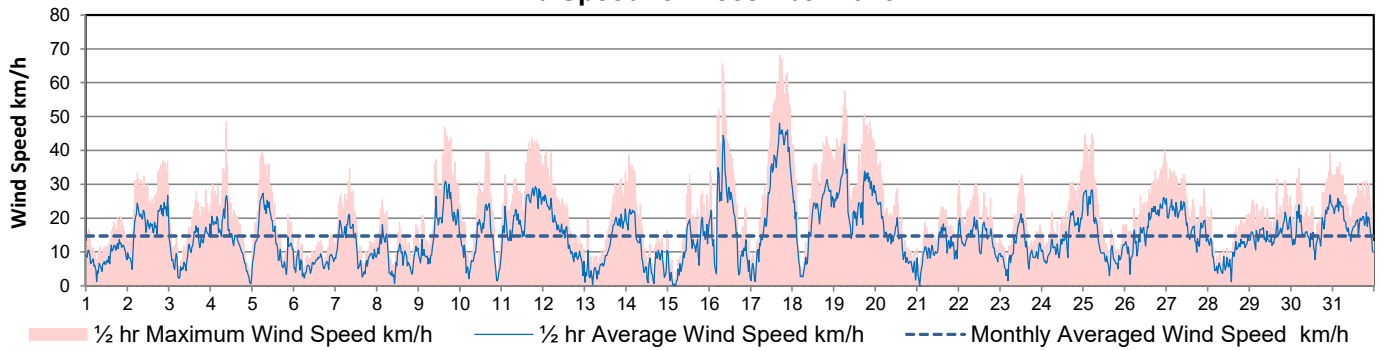
DECEMBER 2025

Day	Wind Gust (10 meter)			Wind Speed (10 meters)	Soil Temperatures at 0900hrs								Radiation				
	Max	Direction	Time	Daily Average	Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	30.8	SW	20:39	8.6	-18.0	-5.0	-4.0	-2.0	2.0	6.0	9.5	9.0	5.3	8.1	65.7	1.8	1.7
2	20.6	S	19:46	18.4	-10.5	-3.5	-3.0	-2.0	2.0	5.5	9.5	9.0	0.0	8.0	0.0	1.9	1.8
3	36.9	N	20:29	10.8	-20.5	-4.5	-4.0	-2.0	1.5	5.5	9.0	9.0	0.0	8.0	0.0	2.2	2.2
4	28.3	SSE	20:32	14.0	0.5	-3.5	-3.5	-2.5	1.5	5.5	9.0	9.0	0.0	8.0	0.0	1.4	1.4
5	48.5	NW	8:45	14.9	-11.5	-3.5	-2.5	-2.0	1.5	5.0	8.5	9.0	0.0	7.9	0.0	2.8	1.9
6	39.4	N	5:17	6.6	-25.0	-6.5	-5.0	-3.0	1.5	5.0	8.5	9.0	3.7	7.9	46.7	5.0	1.7
7	15.2	SSE	21:51	11.6	-17.0	-7.0	-5.5	-4.0	1.0	5.0	8.5	8.5	5.5	7.9	69.7	1.7	1.7
8	34.7	SE	7:51	8.8	-16.5	-5.5	-5.0	-4.0	0.5	5.0	8.0	8.5	0.0	7.9	0.0	4.0	2.1
9	25.5	ESE	2:48	17.6	-7.5	-5.0	-4.0	-3.5	0.5	4.5	8.0	8.5	5.2	7.9	66.2	2.5	2.3
10	46.9	NW	14:38	12.1	-18.5	-6.0	-5.5	-3.5	0.5	4.5	8.0	8.5	1.4	7.8	17.9	1.5	1.5
11	39.7	SE	14:38	21.3	-16.5	-5.5	-5.0	-3.5	0.0	4.5	7.5	8.5	0.0	7.8	0.0	1.8	1.7
12	43.5	NW	1:23	15.5	-28.5	-8.5	-7.0	-4.5	0.0	4.0	7.5	8.5	1.5	7.8	19.3	3.4	1.2
13	39.9	NW	1:23	10.4	-21.0	-9.0	-8.0	-6.0	0.0	4.0	7.0	8.5	4.4	7.8	56.6	3.3	2.0
14	33.7	SE	23:22	10.4	-11.0	-7.5	-7.0	-5.5	-0.5	4.0	7.0	8.0	2.8	7.8	36.1	2.7	2.2
15	38.5	SSE	1:25	10.0	-13.5	-6.5	-6.0	-5.0	-0.5	4.0	7.0	8.0	1.7	7.8	21.9	1.9	1.9
16	32.9	SE	12:11	18.8	-11.0	-4.5	-4.5	-4.0	-0.5	3.5	6.5	8.0	0.0	7.7	0.0	2.4	1.9
17	65.6	NW	7:18	27.1	-13.0	-6.0	-5.5	-4.5	-0.5	3.5	6.5	8.0	2.1	7.7	27.2	0.9	0.9
18	68.3	NE	16:19	19.0	-20.0	-5.0	-4.5	-4.0	-0.5	3.5	6.5	8.0	0.0	7.7	0.0	3.6	1.3
19	44.1	SE	19:26	26.8	-7.5	-4.5	-4.0	-3.5	-0.5	3.5	6.5	8.0	6.1	7.7	79.0	1.6	1.7
20	57.4	SE	5:39	13.9	-21.5	-4.5	-4.0	-3.0	-0.5	3.5	6.0	8.0	0.0	7.7	0.0	3.9	0.9
21	39.2	NW	0:13	10.8	-16.0	-4.5	-4.0	-3.5	-0.5	3.5	6.0	7.5	6.9	7.7	89.4	4.7	1.2
22	29.1	ESE	0:00	14.2	-11.0	-4.5	-4.0	-3.5	-0.5	3.0	6.0	7.5	6.9	7.7	89.4	1.7	1.8
23	31.1	ESE	0:00	10.8	-14.0	-4.5	-4.0	-3.0	-0.5	3.0	6.0	7.5	0.0	7.7	0.0	3.0	1.7
24	32.7	SE	12:21	13.8	-13.0	-4.0	-4.0	-3.0	-0.5	3.0	6.0	7.5	5.2	7.7	67.3	1.9	1.9
25	36.5	ESE	23:50	14.3	-7.0	-4.0	-3.5	-3.0	-0.5	3.0	5.5	7.5	0.0	7.7	0.0	1.8	1.8
26	44.7	SE	4:48	17.0	-9.0	-3.5	-3.5	-3.0	-0.5	3.0	5.5	7.5	0.0	7.7	0.0	1.6	1.6
27	39.9	NE	22:45	19.0	-10.5	-3.5	-3.0	-2.5	-0.5	3.0	5.5	7.5	0.0	7.8	0.0	1.5	1.6
28	34.6	NE	1:57	9.1	-15.5	-3.0	-3.0	-2.5	0.0	3.0	5.5	7.5	0.0	7.8	0.0	4.4	1.6
29	22.5	NNW	1:31	15.6	-10.5	-3.0	-3.0	-2.5	0.0	3.0	5.5	7.0	5.2	7.8	66.8	2.5	2.2
30	31.5	WSW	15:43	16.7	0.0	-3.0	-2.5	-2.0	0.0	3.0	5.5	7.0	0.9	7.8	11.6	2.6	2.2
31	39.1	NE	22:19	19.1	-9.5	-2.5	-2.5	-2.0	0.0	3.0	5.5	7.0	1.4	7.8	17.9	1.9	1.9
Total													66.2	242.1	27.3	77.9	53.5
Mean				14.7	-13.7	-4.9	-4.3	-3.3	0.2	4.0	7.0	8.1	1991-2020 Normal				
Extreme	68.3	NE	16:19		1971- 2000 Normal for Soil Temperatures								85.7	242.3	35.4	92.1	47.6
Date	18				-7.1	-6.6	-5.6	-1.7	2.0	3.8	6.4		No. of Bright Sunshine days = 17				

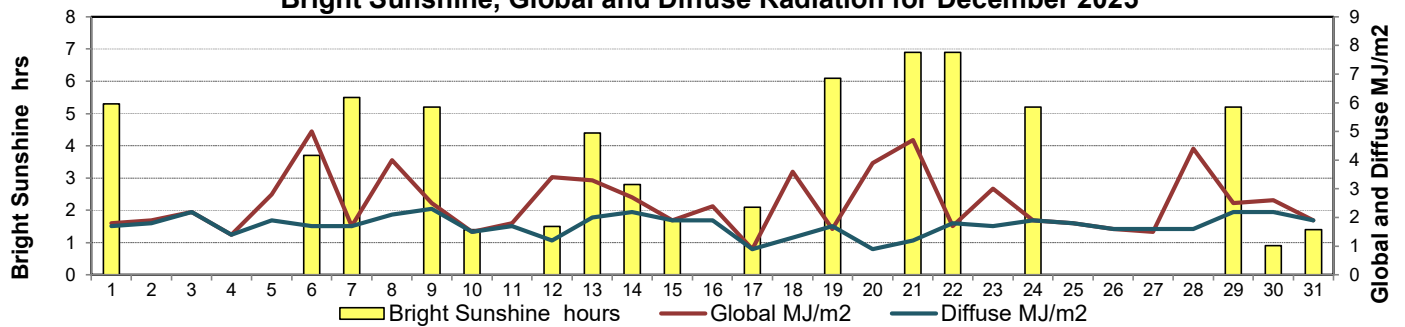
Note: Red numbers indicate manual calculation; Red cell indicate data not available

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Wind Speed for December 2025

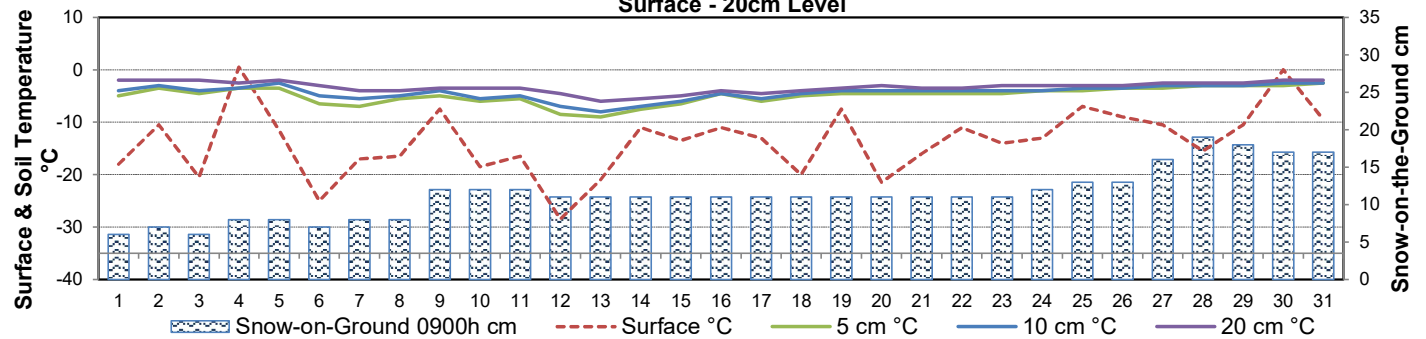


Bright Sunshine, Global and Diffuse Radiation for December 2025



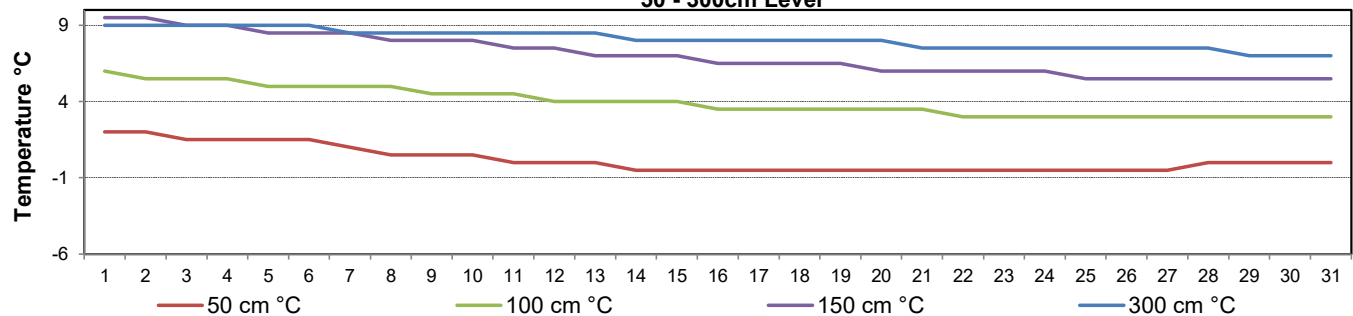
Soil Temperatures for December 2025

Surface - 20cm Level



Soil Temperatures for December 2025

50 - 300cm Level





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52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary **DECEMBER 2025**

Extreme Records for December

Max/Min Temperature °C					Precipitation - Monthly mm					Wind Monthly km/h				CRS Bright Sunshine - Monthly			
S'toon Area	Date	Site	S'toon CRS	Date	S'toon Area	Date	Site	S'toon CRS	Date	S'toon Airport	Date	S'toon CRS**	Date	Hours	Year	No. of Days	Year
14.4	05/1939	SE	11.2	14/1997	59.2	1956	SA	43.0	1977	121 ^W	12/1955	89.4	1992	123.3	2006	27	1994*
-43.9	22/1892	SM	-42.2	31/1973	0.0	1906,'30	SE	1.2	1997					49.1	1973	17	1966*

**1975 forward * more than one year

Notable Events for CRS Saskatoon - December						Saskatoon Area Stations			Glossary	
Element	Type	Day	New Record	Old Record	Year	SM	NWMP	c. 1892-1901	T	Trace of precipitation
						SE	Eby	1901-1941	Normal	30 year average beginning with the decade
						US	Univ. of Sask.	1915-1964	SOG	Depth of snow-on-the-ground in cm
						S	Saskatoon	1941-1942	na	not available
						SA	Saskatoon A	1942 -	Degree-days	
						NRC	Nat. Res. Council	1952-1966	Tm	Mean Temperature
						SRC	Sask. Res. Council	1963-	Growing	(Tm-5°C); if Tm ≤ 5°C then GDD = 0
						SWT	S'toon Water Treatment Plant	1974 -	Heating	(18°C-Tm); if Tm ≤ 18°C then HDD = 0
						SC	S'toon Central Ave	1974-1989	Cooling	(Tm-18°C); if Tm ≥ 18°C then CDD = 0
						S1	Saskatoon 1	1976-1978	Extreme Cooling	(Tm-24°C); if Tm ≥ 24°C then CDD = 0
						S2	Saskatoon 2	1977-1990		
						K	S'toon Kernen Farm	1993-2004		
						KCS	S'toon Kernen Farm CS	1996-		
						RCS	Environment Canada	2008-		
						SF	Sutherland Forestry	1943-1970		

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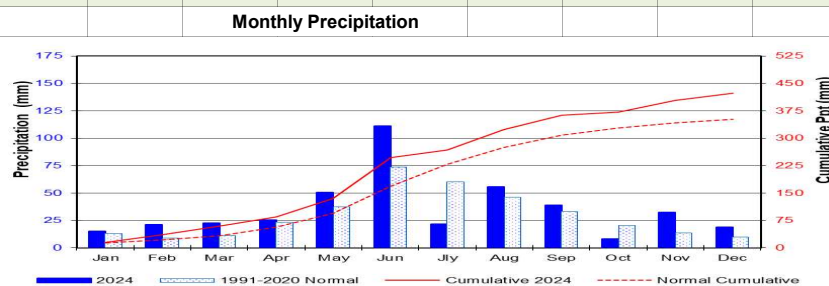
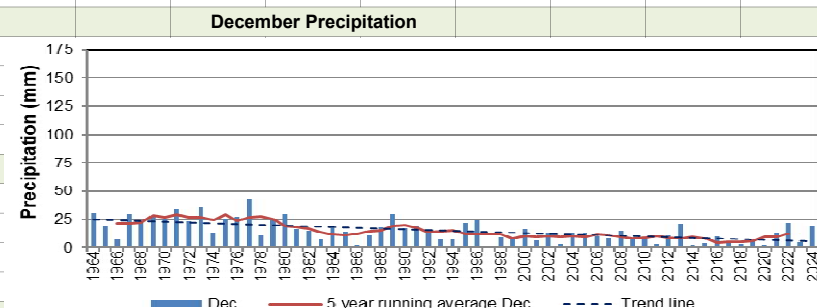
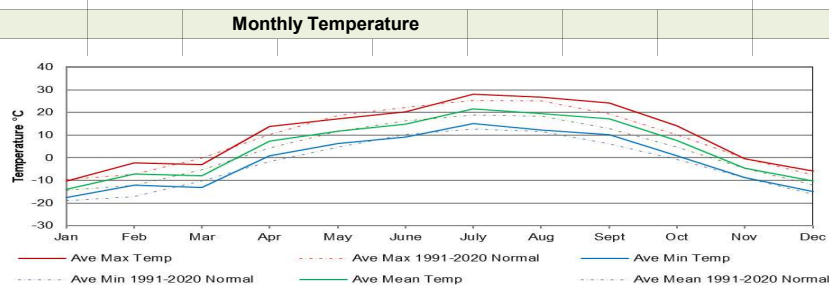
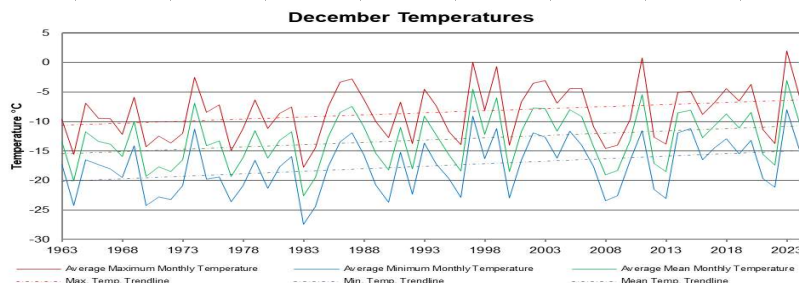
52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary

December

2025

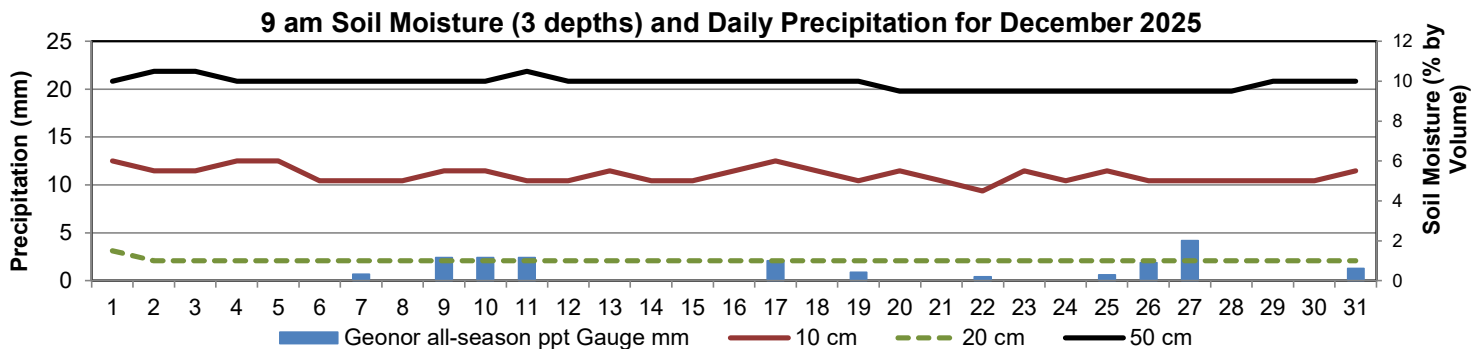
Day	2 meter Wind Speed			Soil Moisture at 0900 hrs (rounded to the 0.5%)		
	Daily Average	Max ½ hr Avg	½ hr Extreme Max	10 cm	20 cm	50 cm
	km/h	km/h	km/h	% by volume (soil type is Loam (45.5% Sand, 41.1% Silt, 13.3% Clay))		
1	7.0	10.2	16.0	6.0	1.5	10.0
2	13.0	19.4	31.6	5.5	1.0	10.5
3	7.0	14.0	21.8	5.5	1.0	10.5
4	11.0	20.6	35.0	6.0	1.0	10.0
5	11.0	20.1	32.1	6.0	1.0	10.0
6	5.0	8.6	12.6	5.0	1.0	10.0
7	9.0	16.9	27.5	5.0	1.0	10.0
8	7.0	14.8	21.8	5.0	1.0	10.0
9	14.0	24.2	40.8	5.5	1.0	10.0
10	10.0	18.2	31.6	5.5	1.0	10.0
11	17.0	23.7	36.2	5.0	1.0	10.5
12	12.0	21.2	32.7	5.0	1.0	10.0
13	8.0	15.4	25.8	5.5	1.0	10.0
14	7.0	13.6	26.4	5.0	1.0	10.0
15	7.0	15.3	25.2	5.0	1.0	10.0
16	14.0	34.7	53.5	5.5	1.0	10.0
17	21.0	36.9	54.6	6.0	1.0	10.0
18	14.0	23.1	36.8	5.5	1.0	10.0
19	21.0	33.3	48.3	5.0	1.0	10.0
20	11.0	22.4	31.6	5.5	1.0	9.5
21	8.0	13.9	22.9	5.0	1.0	9.5
22	12.0	16.8	27.5	4.5	1.0	9.5
23	9.0	15.9	28.7	5.5	1.0	9.5
24	11.0	18.6	27.5	5.0	1.0	9.5
25	11.0	23.6	39.6	5.5	1.0	9.5
26	14.0	21.5	31.0	5.0	1.0	9.5
27	16.0	21.2	31.0	5.0	1.0	9.5
28	8.0	11.8	17.7	5.0	1.0	9.5
29	13.0	19.2	26.4	5.0	1.0	10.0
30	14.0	21.4	32.7	5.0	1.0	10.0
31	16.0	31.0	31.0	5.5	1.0	10.0
Total						
Mean				5	1	9.9
Extreme	21.0	36.9	54.6	6	1.5	10.5
Date	17	17	17	1	1	2



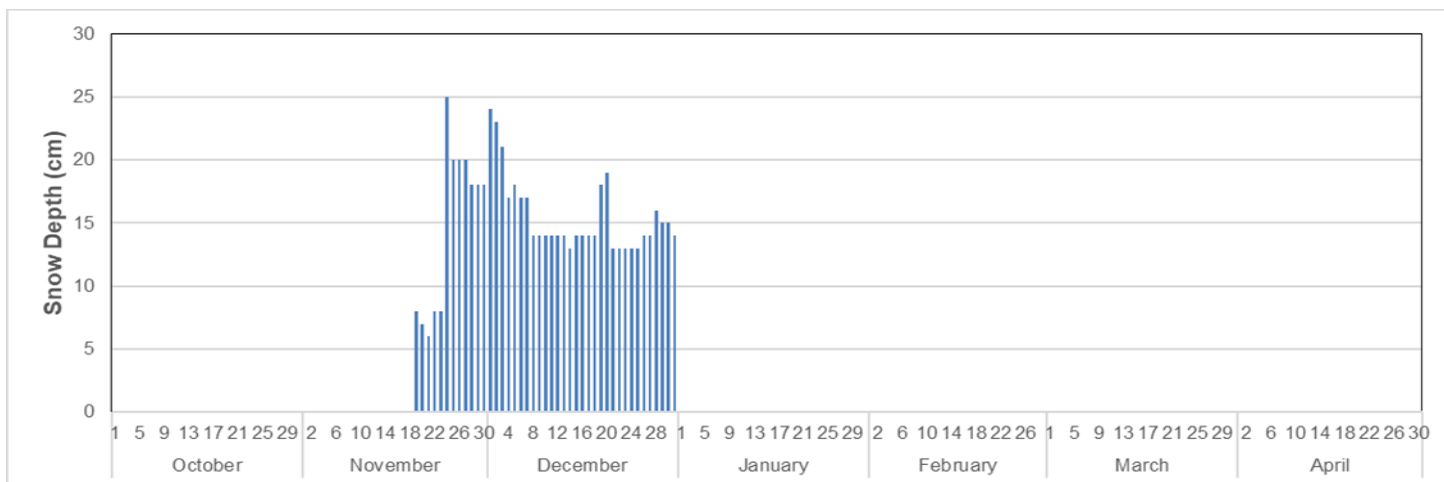
Note: Red numbers indicate manual calculation; Red cell indicate data not available

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2024-2025 9 am Daily Snow Depth (Oct to April)



December End of Month Snow Depth (1967 to 2024)

