



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

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

Preliminary

APRIL

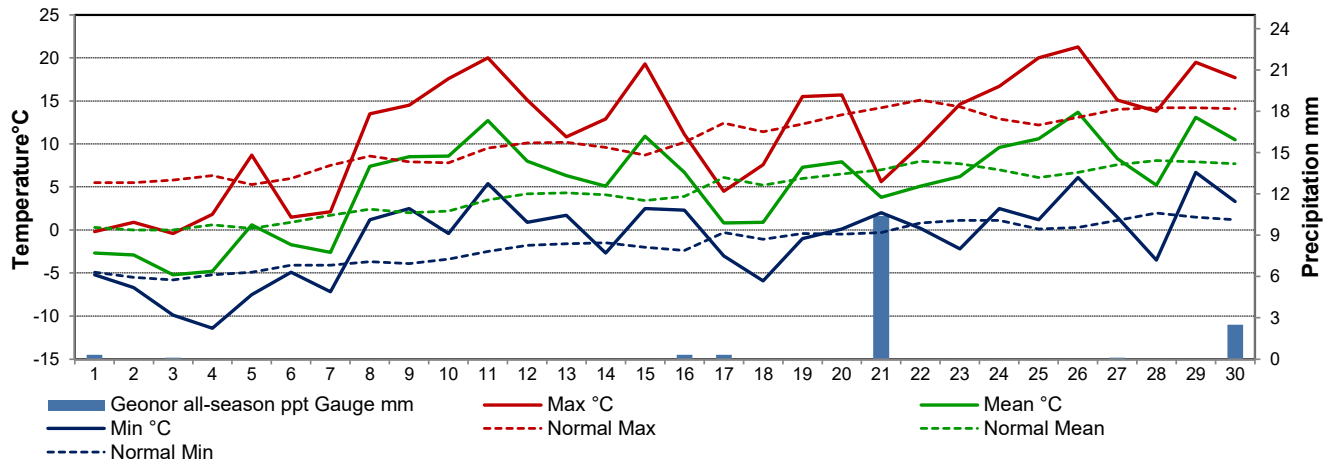
2025

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	Notes	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	-0.2	5.5	-5.2	-4.9	-2.7	0.3	0.0	20.7	0.0	0.3	light snow	6	90	78	1008	1004
2	0.9	5.5	-6.7	-5.5	-2.9	0.0	0.0	20.9	0.0	0.0		9	92	49	1009	1005
3	-0.4	5.8	-9.9	-5.8	-5.2	0.0	0.0	23.2	0.0	0.1		6	86	52	1021	1009
4	1.8	6.3	-11.4	-5.2	-4.8	0.6	0.0	22.8	0.0	0.0		5	80	44	1028	1022
5	8.7	5.3	-7.5	-4.9	0.6	0.2	0.0	17.4	0.0	0.0		5	80	45	1025	1017
6	1.5	6.0	-4.9	-4.1	-1.7	0.9	0.0	19.7	0.0	0.0		0	91	57	1022	1017
7	2.1	7.5	-7.2	-4.1	-2.6	1.7	0.0	20.6	0.0	0.0		0	83	71	1020	1005
8	13.5	8.6	1.2	-3.7	7.4	2.4	2.4	10.6	0.0	0.0		0	83	54	1004	1002
9	14.5	7.9	2.5	-3.9	8.5	2.0	3.5	9.5	0.0	0.0		0	89	43	1018	1005
10	17.6	7.8	-0.4	-3.4	8.6	2.2	3.6	9.4	0.0	0.0		0	83	25	1023	1015
11	20.0	9.5	5.4	-2.5	12.7	3.5	7.7	5.3	0.0	0.0		0	61	24	1015	1005
12	15.1	10.1	0.9	-1.8	8.0	4.2	3.0	10.0	0.0	0.0		0	70	18	1012	1010
13	10.8	10.2	1.7	-1.6	6.3	4.3	1.3	11.7	0.0	0.0		0	74	33	1019	1011
14	12.9	9.6	-2.7	-1.5	5.1	4.1	0.1	12.9	0.0	0.0		0	80	19	1022	1017
15	19.3	8.7	2.5	-2.0	10.9	3.4	5.9	7.1	0.0	0.0		0	59	20	1017	1004
16	11.1	10.2	2.3	-2.4	6.7	3.9	1.7	11.3	0.0	0.3	light rain	0	91	25	1012	1005
17	4.5	12.4	-3.0	-0.3	0.8	6.1	0.0	17.2	0.0	0.3	light snow	0	88	25	1019	1008
18	7.6	11.4	-5.9	-1.1	0.9	5.2	0.0	17.1	0.0	0.0		2	76	31	1021	1013
19	15.5	12.3	-1.0	-0.4	7.3	6.0	2.3	10.7	0.0	0.0		0	69	24	1012	1005
20	15.7	13.4	0.1	-0.5	7.9	6.5	2.9	10.1	0.0	0.0		0	81	17	1015	1011
21	5.6	14.2	2.0	-0.3	3.8	7.0	0.0	14.2	0.0	10.4	light rain	0	90	56	1016	1014
22	9.9	15.1	0.2	0.8	5.1	8.0	0.1	12.9	0.0	0.0		0	88	21	1019	1016
23	14.6	14.3	-2.2	1.1	6.2	7.7	1.2	11.8	0.0	0.0		0	80	22	1019	1017
24	16.7	12.9	2.5	1.1	9.6	7.0	4.6	8.4	0.0	0.0		0	76	22	1023	1019
25	20.0	12.2	1.2	0.1	10.6	6.1	5.6	7.4	0.0	0.0		0	73	17	1024	1016
26	21.3	13.1	6.1	0.3	13.7	6.7	8.7	4.3	0.0	0.0		0	66	29	1016	1005
27	15.1	14.0	1.5	1.1	8.3	7.6	3.3	9.7	0.0	0.1		0	86	31	1017	1005
28	13.8	14.2	-3.5	2.0	5.2	8.1	0.2	12.8	0.0	0.0		0	79	22	1020	1012
29	19.5	14.2	6.7	1.5	13.1	7.9	8.1	4.9	0.0	0.0		0	39	20	1012	1003
30	17.7	14.1	3.3	1.2	10.5	7.7	5.5	7.5	0.0	2.5	showers	0	76	28	1013	1006
Total							71.7	382.1	0.0	14.0			Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	11.6	10.4	-1.0	-1.7	5.3	4.4	1991-2020 Normal			23.3	1991-2020 Normal					
Extreme	21.3		-11.4				60.6	414.2	0.2	43.3	Year to date Cumulative		92	17	1028	1002
Date	26		4							56.8	Year to date Cumulative Normal		2	20	4	8
Note: Red numbers indicate manual calculation; Red cell indicate data not available										It has not been corrected for wind speed.						

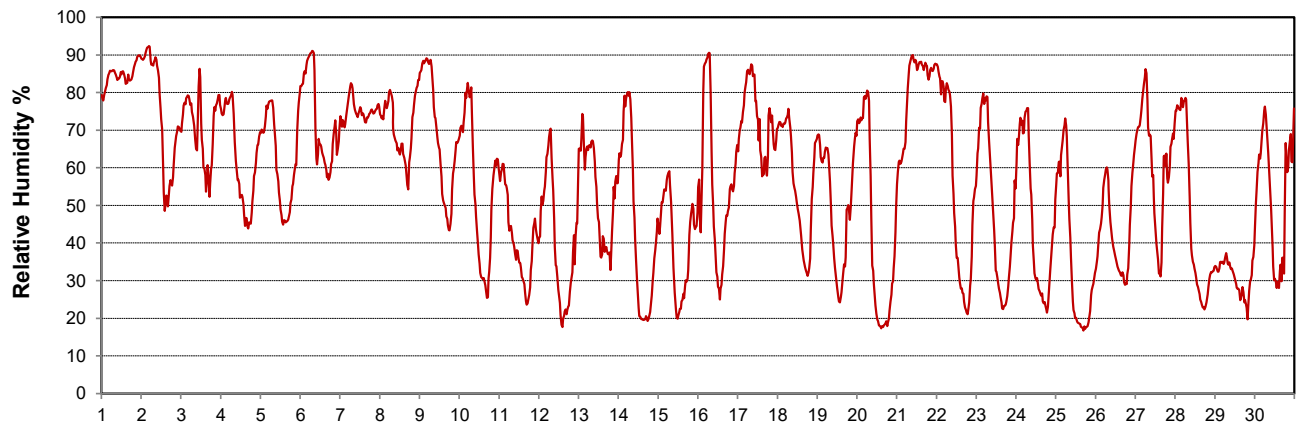
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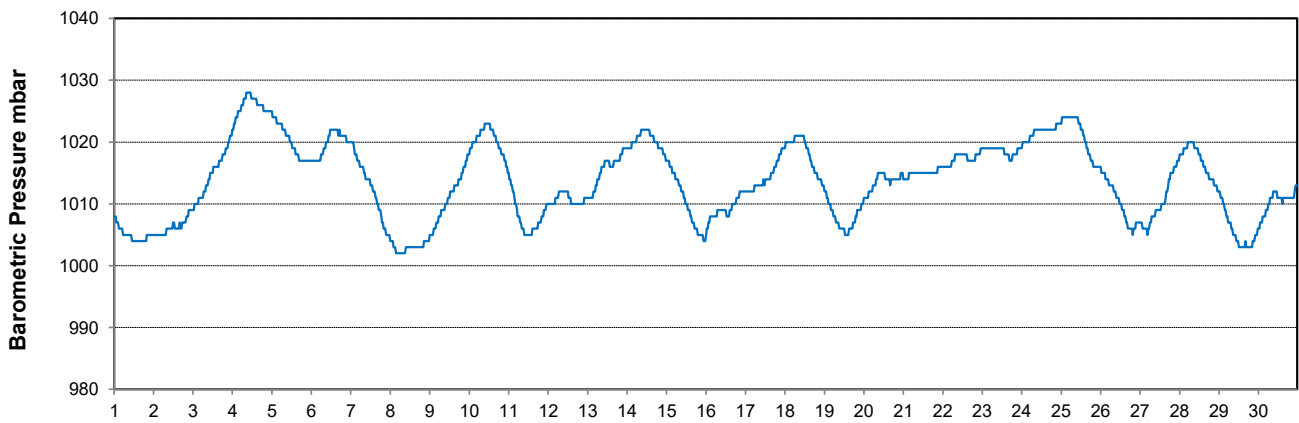
Temperature and Precipitation for April 2025



Relative Humidity for April 2025



Barometric Pressure Corrected to Sea Level for April 2025





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SASKATOON STATION 4057180

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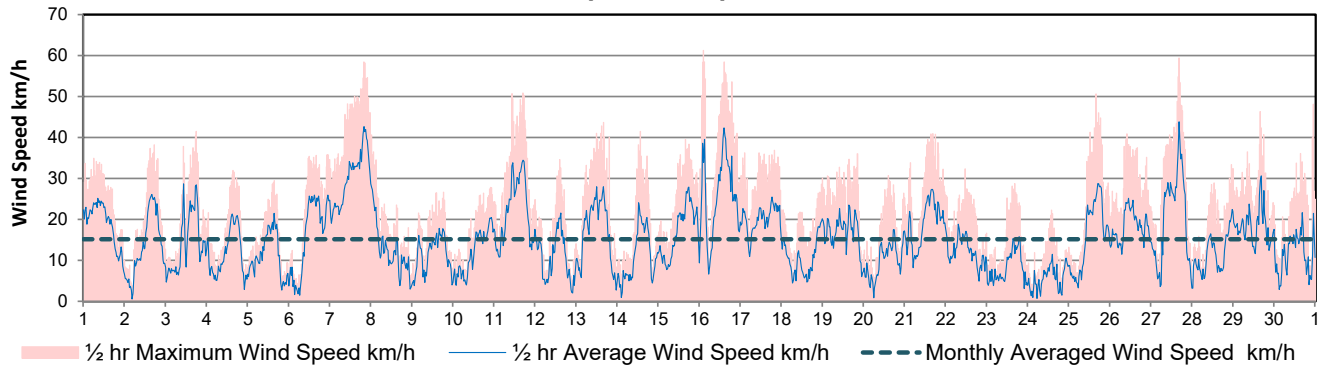
Day	Wind Gust			Wind Speed (10 meters)	Soil Temperatures at 0900hrs								Radiation				
	Max	Direction	Time	Daily Average	Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	34.8	ESE	5:51	18.8	-3.5	0.0	0.5	0.0	1.0	2.5	3.0	4.5	0.0	13.0	0.0	7.9	7.5
2	38.2	NW	17:18	13.5	-1.5	0.0	0.5	0.0	1.0	2.5	3.0	4.5	6.9	13.1	52.7	13.5	7.7
3	41.4	WNW	17:30	14.3	-7.0	0.0	0.5	0.0	1.0	2.5	3.0	4.5	10.0	13.2	76.0	16.9	6.2
4	31.9	W	15:14	11.6	-9.5	0.0	0.5	0.0	1.0	2.5	3.0	4.5	12.7	13.2	96.1	20.0	4.7
5	29.4	W	15:18	11.3	-4.0	0.0	0.5	0.0	1.0	2.5	3.0	4.5	12.1	13.3	91.0	19.2	4.1
6	35.7	ESE	22:18	16.0	-2.5	0.0	0.5	0.5	1.0	2.5	3.0	4.5	12.2	13.4	91.3	19.5	5.9
7	58.4	SE	19:30	30.1	-5.0	0.0	0.5	0.0	1.0	2.5	3.0	4.5	12.5	13.4	93.1	19.7	3.3
8	40.6	SE	0:04	12.3	5.5	0.0	0.5	0.5	1.0	2.5	3.0	4.5	9.4	13.5	69.7	15.0	6.8
9	26.6	NW	18:22	11.4	6.0	0.0	0.5	0.5	1.0	2.5	3.0	4.5	12.2	13.6	90.0	19.8	3.4
10	27.8	SE	21:54	12.0	6.0	0.0	0.5	0.5	1.0	2.0	3.0	4.5	12.1	13.6	88.8	20.1	2.6
11	50.8	WSW	16:57	22.0	12.0	1.0	1.5	1.0	1.0	2.0	3.0	4.5	12.7	13.7	92.8	20.3	2.8
12	34.6	NW	14:09	10.6	6.0	2.5	3.0	3.5	2.0	2.0	3.0	4.0	11.9	13.8	86.5	20.1	3.1
13	43.6	WNW	15:46	17.0	4.0	4.0	4.5	4.5	2.5	2.5	3.0	4.0	5.2	13.8	37.6	12.9	8.2
14	41.4	WNW	13:27	11.0	3.0	2.5	3.5	4.0	3.5	2.5	3.0	4.0	13.2	13.9	95.0	21.1	2.9
15	39.5	ESE	15:53	17.0	12.5	4.5	4.5	4.5	3.5	2.5	3.0	4.0	8.3	14.0	59.5	16.3	9.2
16	61.2	N	2:29	25.8	5.5	5.5	6.0	6.0	4.0	3.0	3.0	4.0	8.3	14.0	59.2	17.2	5.6
17	36.8	N	19:57	19.9	0.5	3.5	4.5	4.5	4.5	3.0	3.0	4.0	0.9	14.1	6.4	8.2	6.9
18	30.1	SE	23:45	10.5	-2.5	2.0	3.0	3.5	4.0	3.5	3.5	4.0	12.9	14.2	91.2	22.6	3.0
19	35.9	WNW	20:19	16.8	6.0	3.0	3.5	4.5	4.0	3.5	3.5	4.0	6.6	14.2	46.4	13.6	9.1
20	30.6	NNW	14:26	10.0	7.0	3.5	4.5	5.0	4.0	3.5	3.5	4.0	11.3	14.3	79.2	21.6	4.3
21	40.9	ENE	16:23	18.8	2.0	5.5	6.5	6.0	4.5	3.5	3.5	4.0	0.0	14.3	0.0	4.6	4.2
22	32.3	ENE	11:26	12.1	2.5	4.5	5.0	5.0	4.5	4.0	3.5	4.0	13.1	14.4	91.0	23.0	7.4
23	28.7	WSW	16:03	8.1	5.0	4.0	5.0	6.0	5.0	4.0	3.5	4.0	13.0	14.5	89.9	24.1	3.3
24	22.2	W	13:56	5.7	8.5	5.5	6.0	7.0	5.0	4.0	4.0	4.0	9.8	14.5	67.4	20.3	5.5
25	50.6	S	15:30	15.9	11.0	5.5	6.5	7.0	5.5	4.0	4.0	4.0	14.0	14.6	96.0	24.7	3.2
26	40.8	SSW	9:35	18.2	12.0	7.0	7.5	8.0	6.0	4.5	4.0	4.0	12.7	14.7	86.7	23.5	4.4
27	59.3	N	16:21	20.3	6.5	9.0	9.5	9.0	6.5	4.5	4.0	4.0	4.2	14.7	28.6	15.0	9.0
28	33.3	SE	22:58	11.5	3.5	5.5	6.5	7.5	7.0	5.0	4.5	4.5	13.7	14.8	92.7	25.4	3.0
29	46.3	NW	15:41	18.3	11.0	8.0	8.0	8.5	7.0	5.0	4.5	4.5	7.6	14.8	51.2	16.7	11.3
30	48.1	WNW	22:32	11.5	10.0	7.5	8.0	8.5	7.0	5.0	4.5	4.5	9.4	14.9	63.1	19.7	6.0
Total													288.9	419.3	68.9	542.5	164.6
Mean				15.1	3.7	3.1	3.7	3.9	3.4	3.2	3.4	4.2	1991-2020 Normal				
Extreme	61.2	N	2:29		1971- 2000 Normal for Soil Temperatures								231.4	418.7		487.2	180.1
Date	16				3.1	3.6	4.0	3.0	1.6	1.5	2.4		No. of Bright Sunshine days = 28				

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

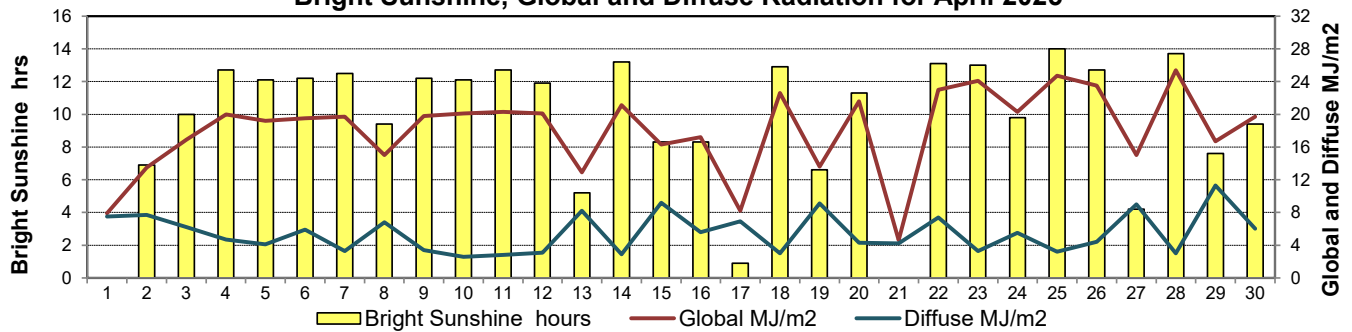
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Wind Speed for April 2025

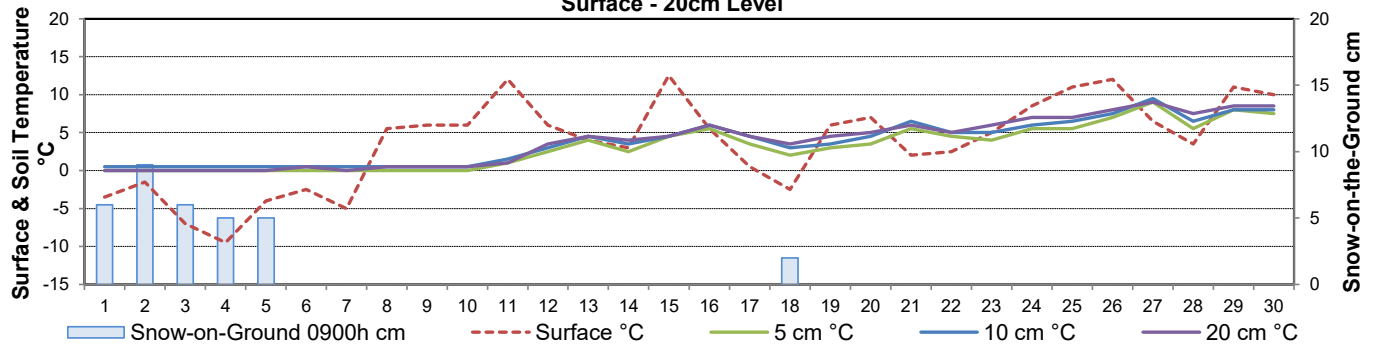


Bright Sunshine, Global and Diffuse Radiation for April 2025



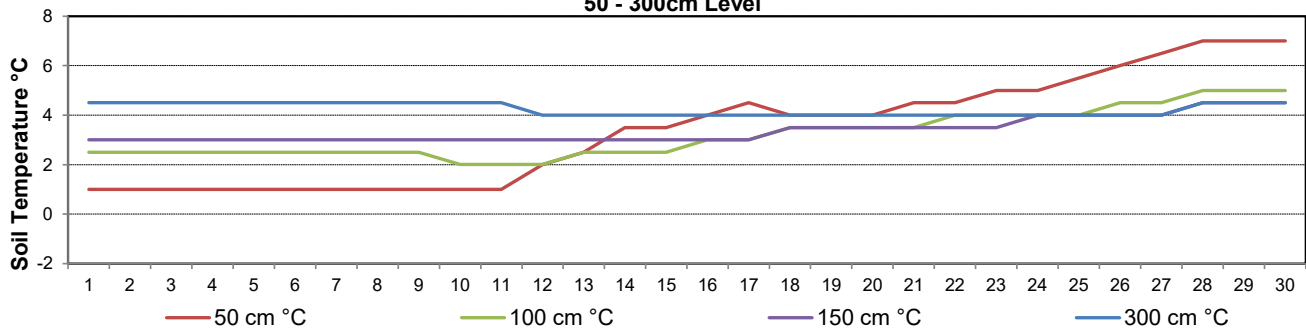
Soil Temperatures for April 2025

Surface - 20cm Level



Soil Temperatures for April 2025

50 - 300cm Level





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Preliminary APRIL 2025

Extreme Records for April

Max/Min Temperature °C					Precipitation - Monthly mm					Wind Monthly km/h					CRS Bright Sunshine - Monthly										
S'toon			Date		Site		S'toon			Date		S'toon			Date		S'toon			Date		CRS		Bright Sunshine - Monthly	
Area							Area										Hours	Year	No. of Days						
33.3	28/1952	SA	US	SF	31.5	28/2001	93.9	1955	SF	83.5	2014	108 ^w	06/1959	91.2 ^w	09/2010	312.5	2018	30	1968/88/94	2011/16/20					
-30.5	01/1979	SWT			-27.8	01/1979	0.0	1897	SM	2.4	2007					165.7	1996	19							

**1975 forward * more than one year

Notable Events for CRS Saskatoon - April						Saskatoon Area Stations			Glossary			
Element		Type	Day	New Record	Old Record	Year	SM	NWMP	c. 1892-1901	T	Trace of precipitation	
Temperature	Highest Mean Daily	11	12.7	12.5	2015	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
Precipitation	Highest Daily Maximum	21	10.4	8.1	1976	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		
									Cooling	(Tm-18°C); if Tm ≥18°C then CDD = 0		
						SC	S'toon Central Ave	1974-1989	Extreme Cooling	(Tm-24°C); if Tm ≥24°C then CDD = 0		
						S1	Saskatoon 1	1976-1978				
						S2	Saskatoon 2	1977-1990	Apr 30 2025 Spring Maintenance: Tipping Bucket recalibrated; All-Season Precipitation Gauge; radiation sensors domes cleaned; desiccant replaced			
						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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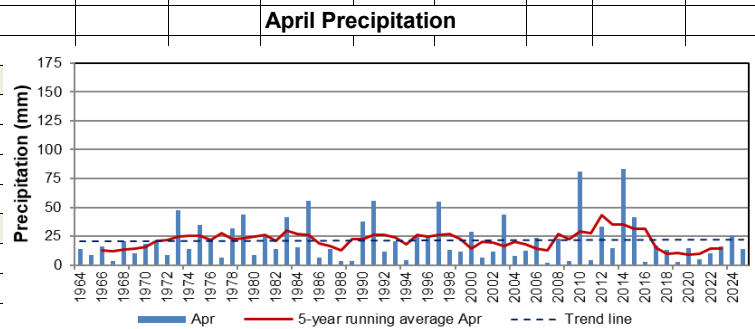
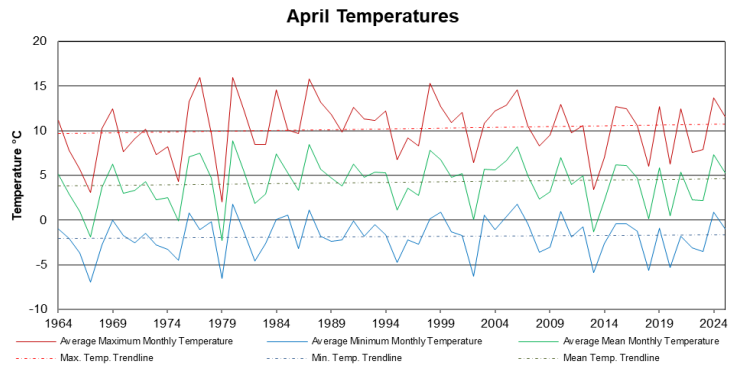
52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary

April

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	16.0	21.2	29.3	12.5	2.0	16.0
2	11.0	20.9	32.1	12.5	2.0	17.0
3	11.0	22.7	36.2	13.0	2.0	17.0
4	9.0	16.7	25.2	14.0	2.0	18.0
5	9.0	16.1	23.5	13.5	2.0	18.0
6	12.0	20.2	31.0	13.5	2.0	19.0
7	22.0	32.4	46.5	12.0	2.0	19.5
8	9.0	19.7	34.4	13.0	2.0	20.0
9	6.0	13.0	21.8	14.5	2.0	20.5
10	6.0	13.9	24.1	28.5	2.0	20.5
11	14.0	25.8	41.9	25.5	3.5	21.0
12	5.0	16.4	28.1	22.5	3.0	21.0
13	11.0	21.0	33.3	21.5	3.0	22.0
14	6.0	18.3	31.0	20.0	3.0	22.5
15	11.0	21.5	32.1	19.5	3.0	22.0
16	19.0	31.3	46.5	19.0	3.0	22.0
17	15.0	18.9	28.7	18.0	3.0	22.0
18	8.0	13.3	22.4	17.5	3.0	21.5
19	11.0	18.0	29.8	17.5	3.0	21.5
20	6.0	13.9	27.0	17.0	3.0	21.5
21	14.0	20.0	31.6	17.0	3.0	21.5
22	9.0	14.1	24.7	23.5	3.0	21.0
23	6.0	12.8	24.1	20.0	3.0	21.0
24	4.0	10.2	20.6	19.0	3.0	21.0
25	10.0	21.0	40.2	18.0	3.0	21.0
26	12.0	18.6	32.7	17.0	3.0	21.0
27	14.0	31.7	44.8	16.5	3.0	21.0
28	9.0	14.5	26.4	15.5	3.0	21.0
29	13.0	22.6	38.5	15.5	3.0	21.0
30	8.0	16.8	35.0	15.0	3.0	20.5
Total						
Mean				17	3	20.4
Extreme	22.0	32.4	46.5	28.5	3.5	22.5
Date	7	7	7	10	11	14



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

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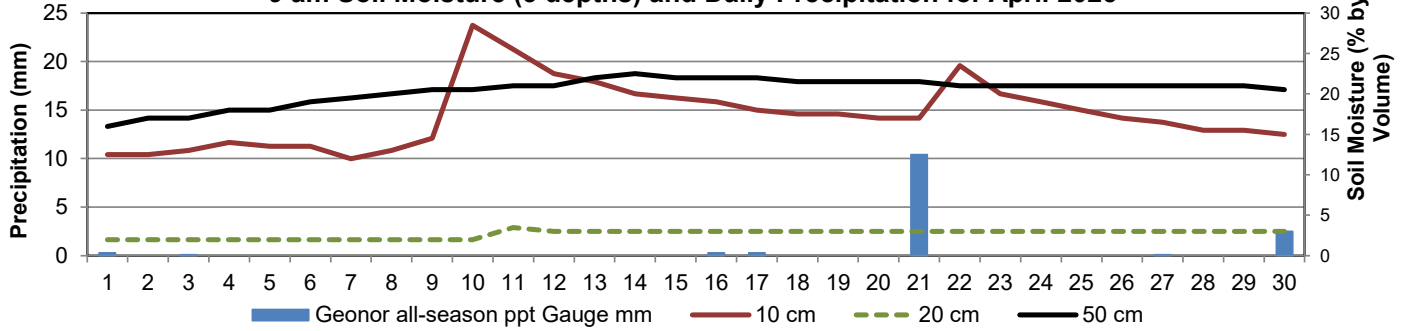


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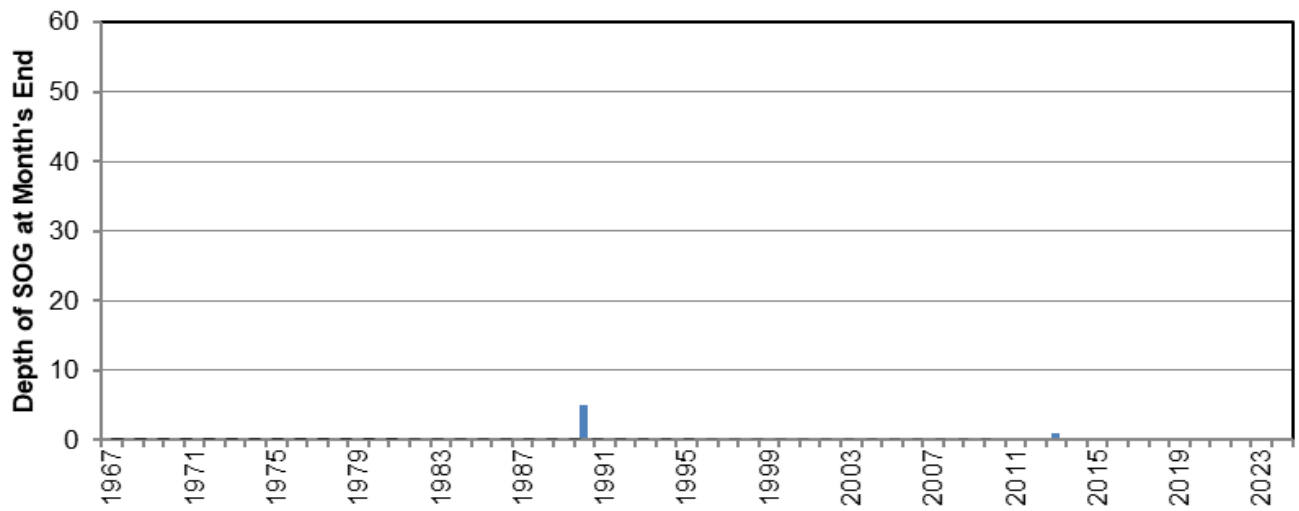
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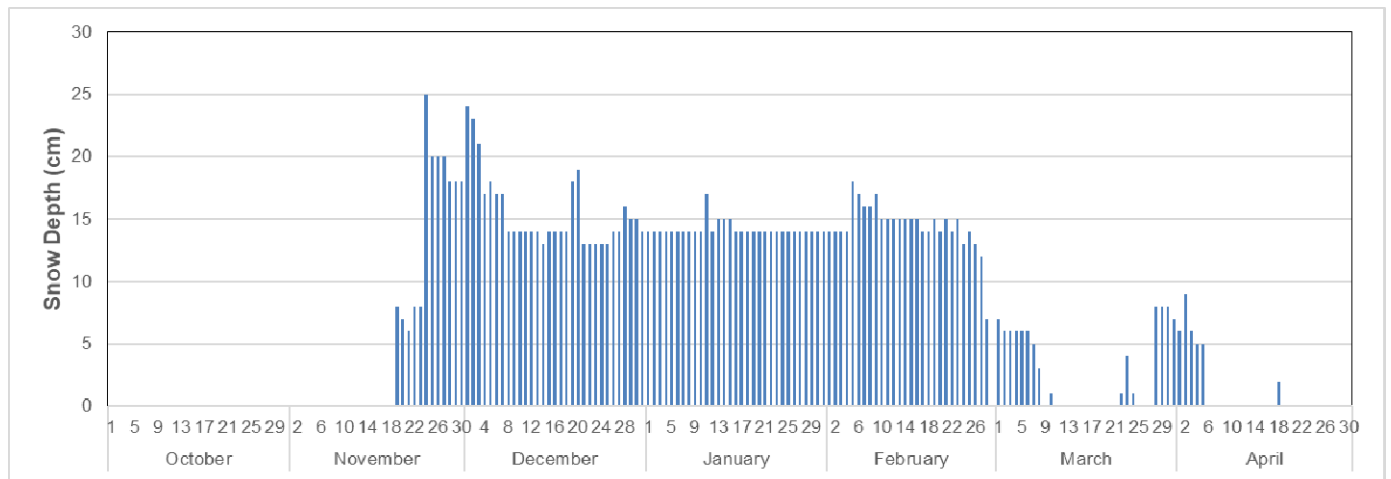
9 am Soil Moisture (3 depths) and Daily Precipitation for April 2025



April (1967 to 2025) End of Month Snow on Ground (depth (cm))

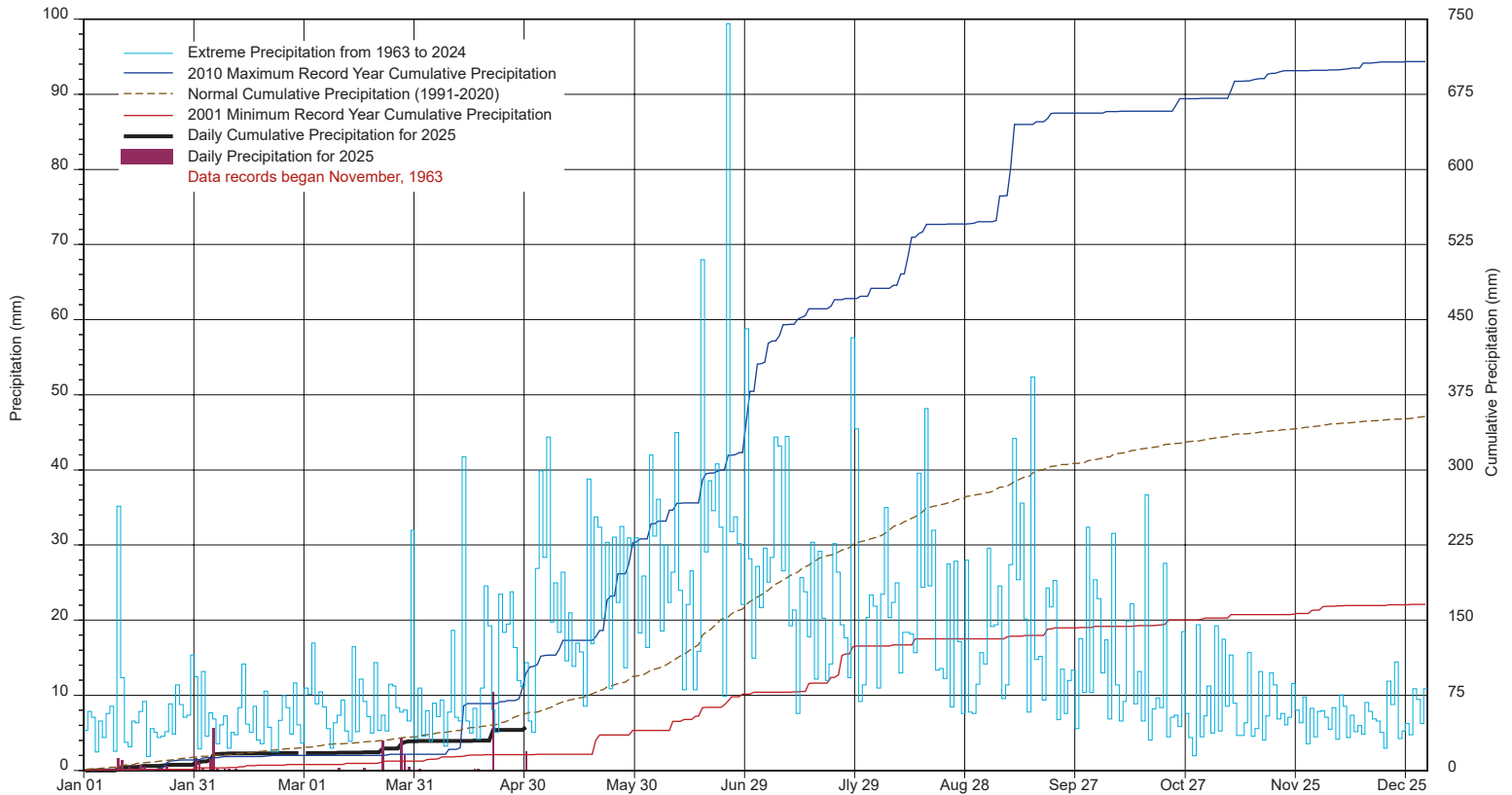


October 2024 to April 2025 09:00 Daily Snow Depth (cm)

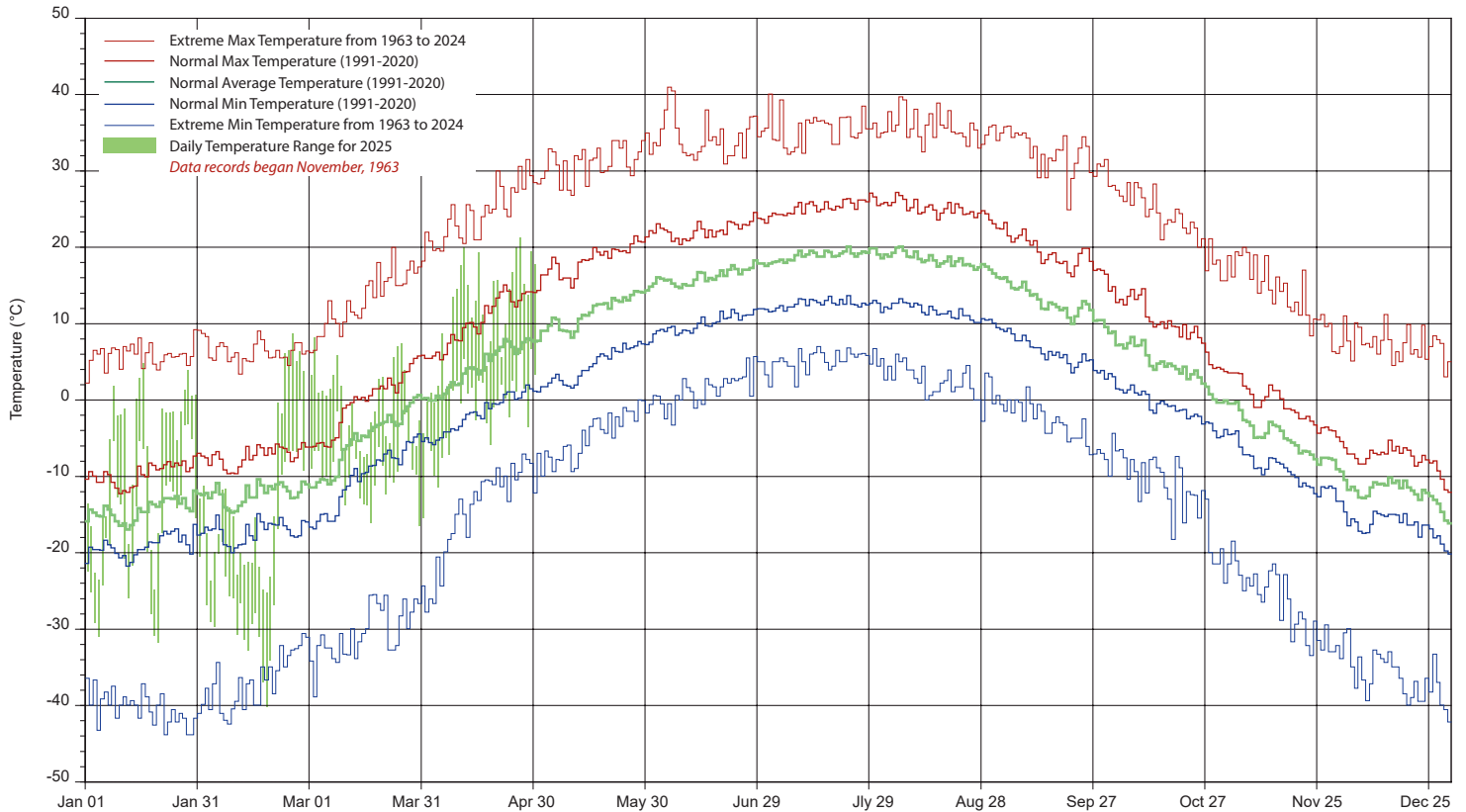


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2025 PRECIPITATION AND NORMALS



2025 TEMPERATURES AND NORMALS



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