



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

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

Preliminary JUNE 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	Tipping Bucket	Notes	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	mm		%	%	mbar	mbar
1	22.1	21.9	12.1	8.7	17.1	15.3	12.1	0.9	0.0	0.0	0.0		64	19	1013	1000
2	20.0	23.1	7.0	9.1	13.5	16.1	8.5	4.5	0.0	0.0	0.0	few drops	70	22	1013	1012
3	20.1	22.5	7.5	9.3	13.8	15.9	8.8	4.2	0.0	0.3	0.3	shower	66	22	1013	1011
4	20.4	22.3	5.4	9.0	12.9	15.7	7.9	5.1	0.0	0.4	0.5	shower	62	26	1016	1013
5	25.0	22.0	6.7	9.5	15.9	15.8	10.9	2.1	0.0	0.0	0.0		71	17	1017	1011
6	29.6	20.8	12.6	9.7	21.1	15.3	16.1	0.0	3.1	0.0	0.0		48	16	1011	1002
7	18.8	21.2	9.9	8.5	14.4	14.9	9.4	3.6	0.0	2.7	2.5	showers	79	44	1010	1002
8	20.9	20.4	8.9	8.8	14.9	14.7	9.9	3.1	0.0	0.0	0.0		69	33	1013	1011
9	30.6	21.1	7.2	9.2	18.9	15.2	13.9	0.0	0.9	0.0	0.0		81	13	1012	1003
10	22.2	20.9	9.5	9.1	15.9	15.0	10.9	2.1	0.0	0.0	0.0		67	19	1016	1008
11	24.8	21.2	9.0	8.8	16.9	15.0	11.9	1.1	0.0	0.0	0.0		64	20	1018	1016
12	26.1	22.2	6.9	9.4	16.5	15.8	11.5	1.5	0.0	0.0	0.0		83	23	1019	1016
13	19.8	23.4	15.0	10.1	17.4	16.8	12.4	0.6	0.0	0.2	0.0	few drops	64	39	1016	1012
14	29.0	22.4	14.0	10.9	21.5	16.7	16.5	0.0	3.5	8.0	7.9	showers	91	28	1014	1010
15	24.8	21.3	10.3	9.8	17.6	15.6	12.6	0.4	0.0	0.0	0.3	few drops	92	39	1015	1014
16	22.6	22.3	10.0	9.7	16.3	16.0	11.3	1.7	0.0	1.9	2.0	showers	92	43	1016	1012
17	27.9	21.4	11.3	10.1	19.6	15.8	14.6	0.0	1.6	0.0	0.0		88	24	1015	1009
18	23.8	22.1	11.8	10.3	17.8	16.3	12.8	0.2	0.0	0.5	0.5	showers	86	39	1011	1009
19	25.7	22.3	11.9	11.7	18.8	17.0	13.8	0.0	0.8	23.9	21.3	rain	92	34	1011	1004
20	23.4	21.7	9.6	10.7	16.5	16.3	11.5	1.5	0.0	0.0	0.0		92	41	1008	1004
21	16.4	23.4	8.6	10.8	12.5	17.1	7.5	5.5	0.0	22.6	22.4	rain	89	61	1011	1004
22	12.1	23.3	6.9	11.9	9.5	17.7	4.5	8.5	0.0	1.1	1.0	showers	90	64	1014	1011
23	14.6	23.0	6.2	11.4	10.4	17.2	5.4	7.6	0.0	8.1	8.1	t-storm	89	60	1016	1013
24	18.2	22.4	7.4	10.5	12.8	16.5	7.8	5.2	0.0	0.0	0.0		92	47	1021	1016
25	26.4	23.0	9.7	11.1	18.1	17.1	13.1	0.0	0.1	0.0	0.0		80	45	1019	1010
26	28.4	22.9	15.8	11.2	22.1	17.1	17.1	0.0	4.1	0.0	0.0		83	35	1010	1006
27	27.5	23.4	13.7	11.2	20.6	17.3	15.6	0.0	2.6	17.9	17.3	t-storm	92	34	1008	1005
28	23.1	24.6	13.2	11.9	18.2	18.3	13.2	0.0	0.2	4.7	5.1	showers	91	58	1010	1006
29	23.0	23.8	14.0	12.0	18.5	17.9	13.5	0.0	0.5	6.1	6.4	showers	91	58	1015	1010
30	27.2	23.7	13.0	12.0	20.1	17.9	15.1	0.0	2.1	0.0	0.0		81	36	1017	1014
Total							350.1	59.4	19.5	98.4	95.5		Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	23.2	22.3	10.2	10.2	16.7	16.3	1991-2020 Normal			73.9	1991-2020 Normal					
Extreme Date	30.6		5.4				339.1	74.2	22.9	151.3	Year to date 2024 Cumulative		92	13	1021	1000
	9		4							168.3	Year to date Cumulative Normal		15	9	24	1

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

Precipitation is measured precipitation. It has not been corrected for wind speed.

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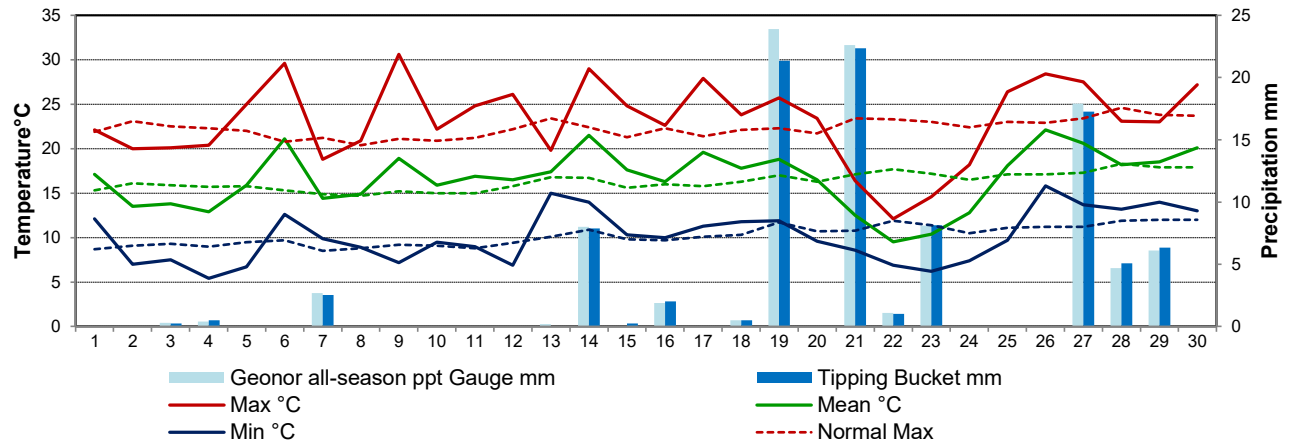


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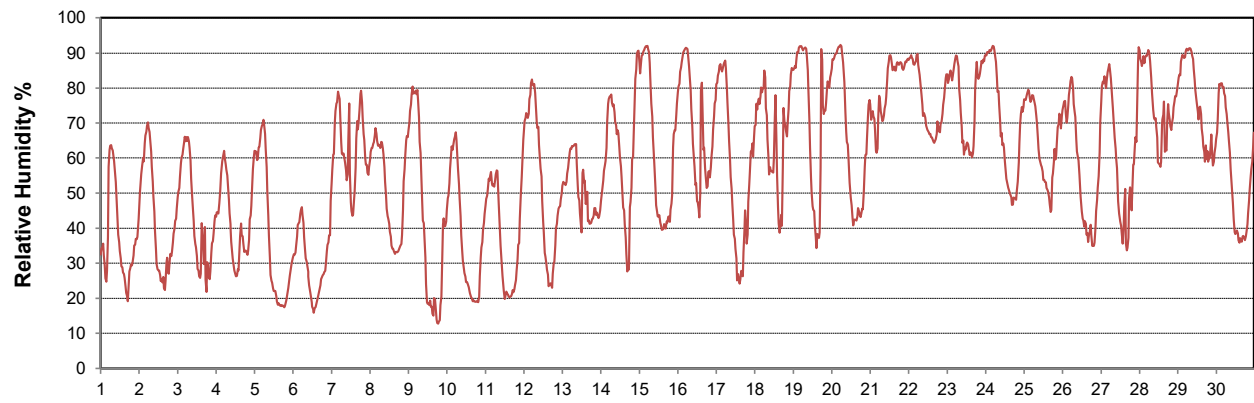


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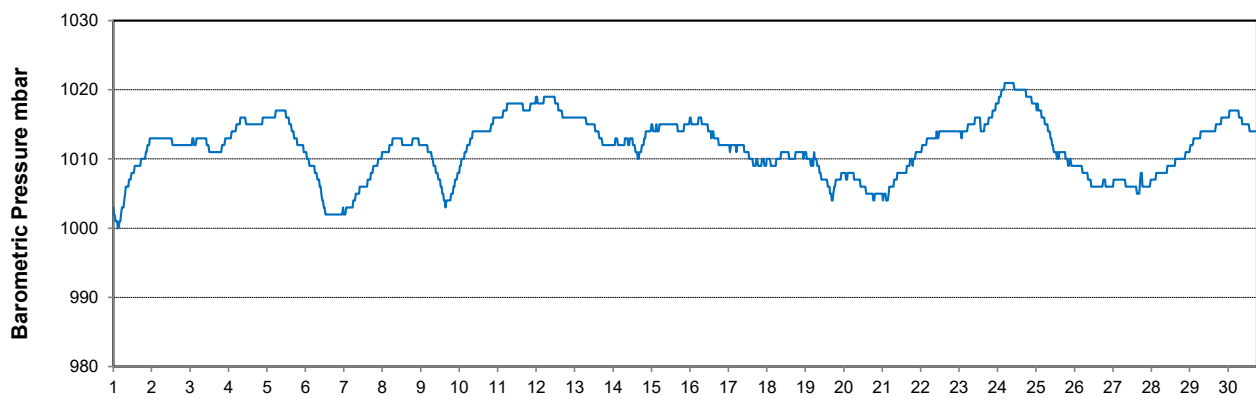
Temperature and Precipitation for June 2025



Relative Humidity for June 2025



Barometric Pressure Corrected to Sea Level for June 2025





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Preliminary JUNE 2025

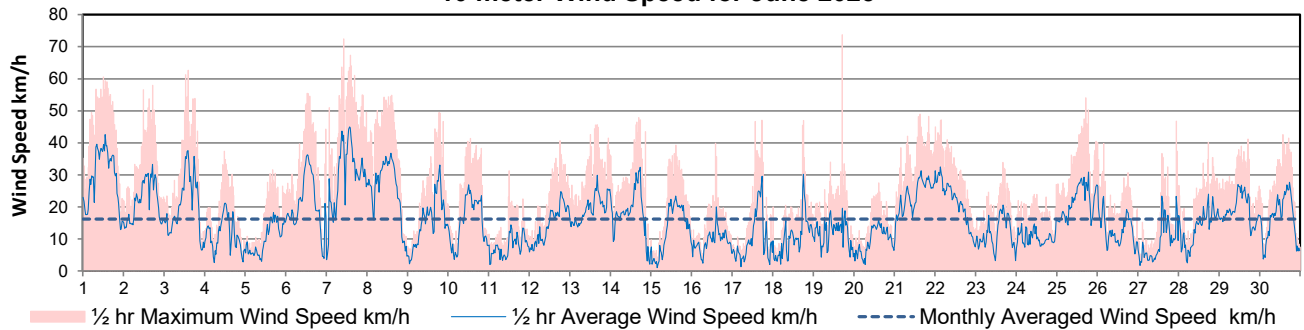
Day	Wind Gust			Wind Speed (10 meters)	Soil Temperatures at 0900hrs (rounded to the nearest 0.5C)								Radiation				
	Max	Direction	Time	Daily Average	Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	60.6	W	12:02	18.8	15.5	17.5	17.5	17.5	14.0	10.0	8.5	6.5	12.3	16.5	74.8	26.3	8.6
2	58.0	NW	17:16	13.5	14.0	15.0	15.5	16.5	14.0	10.0	8.5	6.5	12.0	16.5	72.8	23.4	8.3
3	62.6	NW	14:10	14.3	13.0	14.0	15.0	15.5	14.0	10.5	9.0	6.5	10.7	16.5	64.8	23.7	9.8
4	37.4	NW	11:55	11.6	14.5	13.0	13.5	15.0	13.5	10.5	9.0	6.5	11.2	16.5	67.7	23.0	8.7
5	31.6	WSW	16:28	11.3	15.5	12.5	13.5	14.5	13.5	10.5	9.0	6.5	13.2	16.6	79.7	25.7	9.9
6	55.5	SW	12:56	16.0	19.5	15.5	15.5	15.5	13.5	10.5	9.0	7.0	9.4	16.6	56.7	22.1	12.6
7	72.4	WNW	10:21	30.1	13.0	16.0	17.0	17.0	14.0	10.5	9.0	7.0	2.9	16.6	17.5	9.6	7.1
8	54.8	NNW	14:59	12.3	11.5	12.0	13.0	14.0	13.5	10.5	9.5	7.0	12.9	16.6	77.6	27.8	7.7
9	49.5	NW	18:53	11.4	18.0	12.5	13.5	14.5	13.5	10.5	9.5	7.0	10.7	16.7	64.3	23.1	10.0
10	41.4	NNW	13:10	12.0	14.0	14.0	15.0	15.5	13.5	10.5	9.5	7.0	12.6	16.7	75.6	23.3	11.2
11	31.3	SW	12:00	22.0	15.0	14.0	14.5	15.5	13.5	10.5	9.5	7.0	9.8	16.7	58.7	21.4	12.6
12	40.6	ESE	16:11	10.6	14.0	14.5	15.5	16.0	13.5	11.0	9.5	7.0	4.7	16.7	28.1	17.0	12.3
13	45.6	SE	18:22	17.0	16.0	16.5	17.0	16.5	14.0	11.0	9.5	7.0	0.0	16.7	0.0	6.7	6.0
14	47.8	SW	16:43	11.0	18.5	15.5	15.5	15.5	14.0	11.0	9.5	7.5	9.8	16.7	58.6	22.0	10.4
15	39.3	WNW	14:49	17.0	18.0	15.0	15.5	16.5	14.0	11.0	9.5	7.5	14.6	16.7	87.2	28.7	6.2
16	39.9	W	14:25	25.8	17.0	15.5	16.5	17.0	14.5	11.0	9.5	7.5	11.3	16.8	67.5	20.4	9.4
17	47.1	NNW	17:32	19.9	19.5	15.0	15.5	16.5	14.5	11.0	10.0	7.5	11.7	16.8	69.9	23.5	8.8
18	47.0	NE	18:03	10.5	18.5	15.5	16.0	17.0	14.5	11.5	10.0	7.5	7.9	16.8	47.1	17.7	10.1
19	73.7	SSW	17:25	16.8	14.5	15.5	16.5	16.5	14.5	11.5	10.0	7.5	9.2	16.8	54.9	21.8	8.6
20	27.5	NNE	14:53	10.0	17.5	15.0	15.5	16.0	14.5	11.5	10.0	7.5	8.1	16.8	48.3	19.5	11.2
21	49.0	ENE	15:12	18.8	11.5	15.5	16.5	17.0	14.5	11.5	10.0	7.5	0.0	16.8	0.0	3.1	2.7
22	47.2	NE	3:32	12.1	9.0	12.0	12.5	13.5	14.0	11.5	10.0	8.0	0.6	16.8	3.6	9.4	8.2
23	33.9	E	16:03	8.1	10.5	11.5	12.0	13.0	13.0	11.5	10.5	8.0	4.1	16.8	24.5	12.8	9.5
24	27.0	SE	23:40	5.7	11.0	12.0	12.5	13.0	13.0	11.5	10.5	8.0	11.1	16.8	66.3	25.1	11.2
25	54.0	SSW	17:20	15.9	16.0	13.5	14.0	14.5	13.0	11.5	10.5	8.0	10.8	16.7	64.5	24.6	8.2
26	40.1	SE	0:00	18.2	21.0	16.0	16.0	16.0	13.5	11.5	10.5	8.0	13.2	16.7	78.9	26.0	8.8
27	46.8	WNW	22:55	20.3	20.0	17.5	17.5	18.0	14.5	11.5	10.5	8.0	11.6	16.7	69.4	24.0	8.9
28	40.1	W	17:40	11.5	18.5	17.5	18.0	18.5	15.0	11.5	10.5	8.0	10.3	16.7	61.6	21.3	10.0
29	41.1	NW	17:23	18.3	14.5	17.0	17.5	18.0	15.5	12.0	10.5	8.0	6.8	16.7	40.7	16.9	11.0
30	42.6	W	13:40	11.5	19.5	16.5	17.0	18.0	15.5	12.0	10.5	8.0	15.9	16.7	95.3	29.2	3.9
Total													279.4	500.4	55.8	619.1	271.9
Mean				15.1	15.6	14.8	15.4	15.9	14.0	11.0	9.7	7.4	1991-2020 Normal				
Extreme	73.7	SSW	17:25		1971- 2000 Normal for Soil Temperatures								253	500.2	50.6	612.6	218.3
Date	19				15.3	15.7	16.3	14.0	10.4	8.3	5.4		No. of Bright Sunshine days = 28				

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

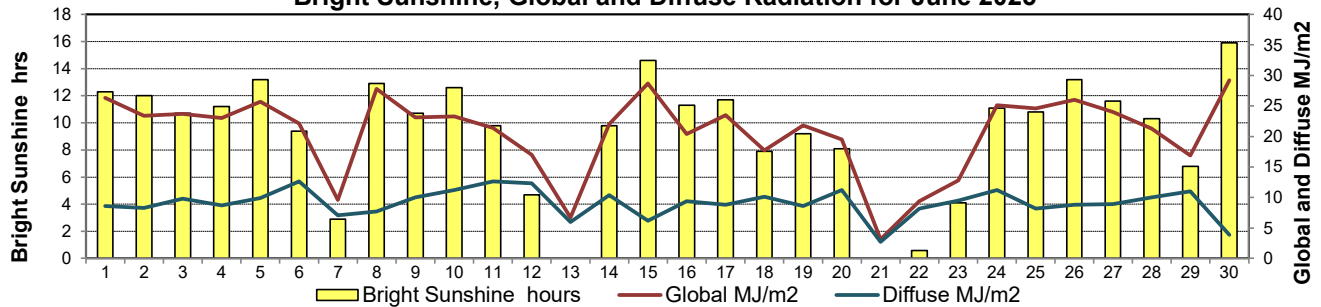
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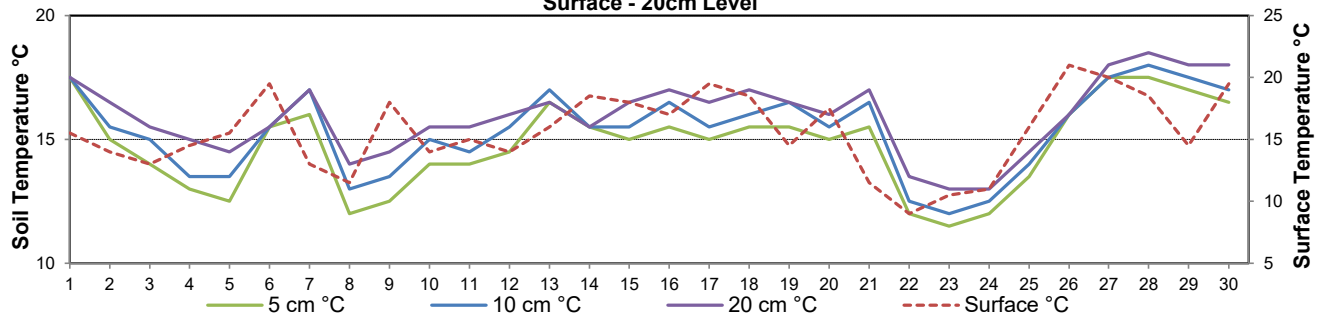
10 meter Wind Speed for June 2025



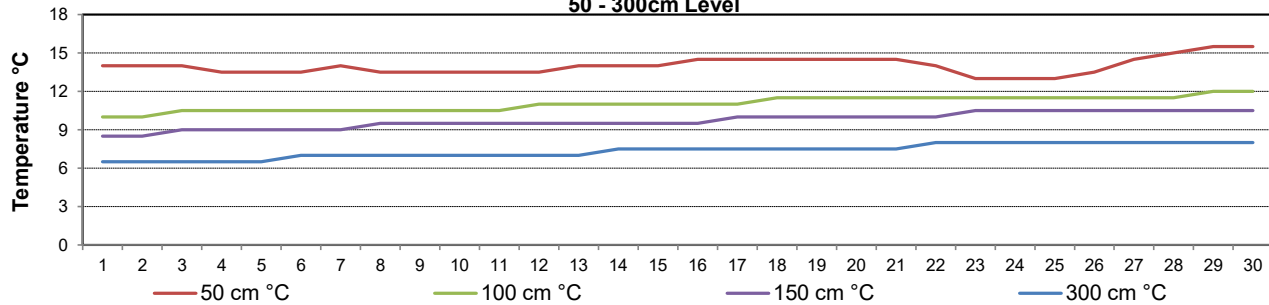
Bright Sunshine, Global and Diffuse Radiation for June 2025



Soil Temperatures for June 2025
Surface - 20cm Level



Soil Temperatures for June 2025
50 - 300cm Level





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Extreme Records for June

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
41.5	06/1988	S2	41.0	05/1988	186.8	1942	S	171.0	2005	117	01 ^S 1986	109.7 ^{SW}	22/2005	370.6	1978	30	1969*
-3.9	02/1917	US	-3.3	06/1967	5.0	2003	KCS	13.0	1985					175.3	2005	25	2002, 05

**1975 forward * more than one year

Notable Events for CRS Saskatoon - June						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		
Temperature	Lowest Maximum Daily	22	12.1	12.2	1967	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		
									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	June 2, 2025 Tour of CRS Saskatoon of WSA staff			
						K	S'toon Kernen Farm	1993-2004				
						KCS	S'toon Kernen Farm CS	1996-				
						RCS	Environment Canada	2008-				
						SF	Sutherland Forestry	1943-1970	The theme of the first half of June 2025 was smoke from the Forest fires. The them of the second half was much welcomed rain.			

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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							
				% by volume (soil type is Loam (45.5% Sand, 41.1% Silt, 13.3% Clay))									
	km/h	km/h	km/h										
1	22.0	32.5	48.3	5.0	2.0	11.5							
2	16.0	24.7	46.5	3.5	2.0	11.5							
3	15.0	28.7	47.7	4.0	2.0	11.5							
4	8.0	17.2	31.6	3.0	2.0	11.5							
5	6.0	14.1	27.5	3.0	2.0	11.0							
6	15.0	29.3	47.1	4.0	2.0	11.0							
7	22.0	33.3	54.6	3.5	2.0	11.5							
8	19.0	27.9	44.2	3.5	1.5	11.0							
9	11.0	23.6	40.2	3.0	1.5	11.5							
10	11.0	20.5	33.3	3.5	1.5	11.0							
11	4.0	12.1	29.8	3.0	1.5	11.0							
12	10.0	17.4	29.8	3.0	1.5	11.0							
13	14.0	19.2	34.4	3.0	1.5	10.5							
14	12.0	25.5	40.2	3.0	1.5	10.5							
15	9.0	17.4	31.0	3.5	1.5	10.5							
16	7.0	16.4	36.8	5.0	1.5	10.5							
17	7.0	21.3	35.6	5.0	1.5	10.5							
18	8.0	22.2	36.2	5.5	1.5	11.0							
19	8.0	14.0	62.1	5.5	1.5	11.0							
20	6.0	12.6	21.8	22.0	1.5	21.0							
21	17.0	23.1	37.3	19.5	1.5	20.0							
22	15.0	22.8	40.2	28.0	3.5	19.5							
23	9.0	15.1	26.4	23.5	3.0	19.5							
24	8.0	12.2	21.8	27.0	3.5	18.5							
25	16.0	21.1	46.0	23.0	3.0	18.5							
26	9.0	17.7	31.0	20.5	3.0	18.5							
27	6.0	16.5	32.7	19.0	3.0	18.5							
28	9.0	17.4	32.1	29.0	3.5	18.0							
29	14.0	19.2	28.7	29.5	3.5	18.5							
30	11.0	19.3	33.3	25.0	3.5	18.5							
Total													
Mean				11	2	14							
Extreme	22.0	33.3	62.1	29.5	3.5	21.0							
Date	1	7	19										

June Temperatures

Temperature °C

1964 1969 1974 1979 1984 1989 1994 1999 2004 2009 2014 2019 2024

— Average Maximum Monthly Temperature — Average Minimum Monthly Temperature — Average Mean Monthly Temperature
- - - Max. Temp. Trendline - - - Min. Temp. Trendline - - - Mean Temp. Trendline

Maximum temperature was 18th warmest since 1964
Minimum temperature was 27th warmest since 1964
Average temperature was 21st warmest since 1964

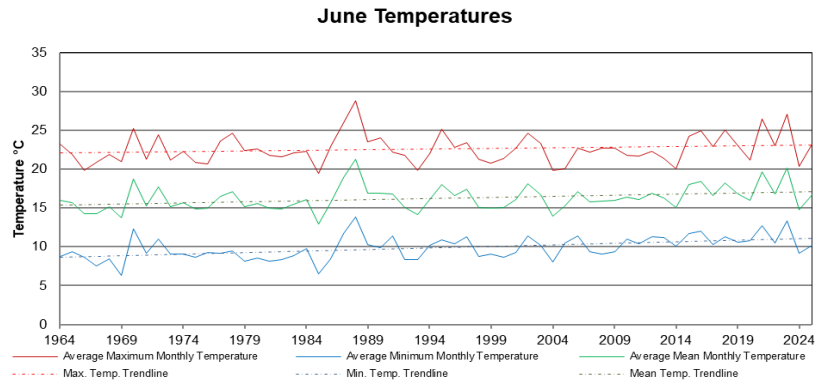
June Precipitation

Precipitation (mm)

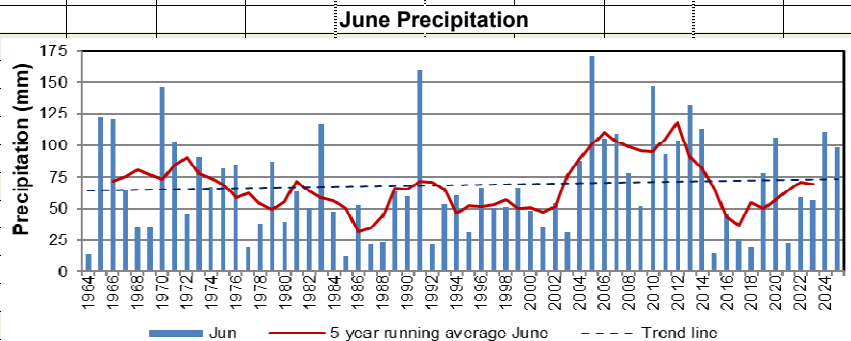
1964 1966 1968 1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024

■ Jun — 5 year running average June - - - Trend line

June 2025 was 16th wettest since 1964



Maximum temperature was 18th warmest since 1964
Minimum temperature was 27th warmest since 1964
Average temperature was 21st warmest since 1964



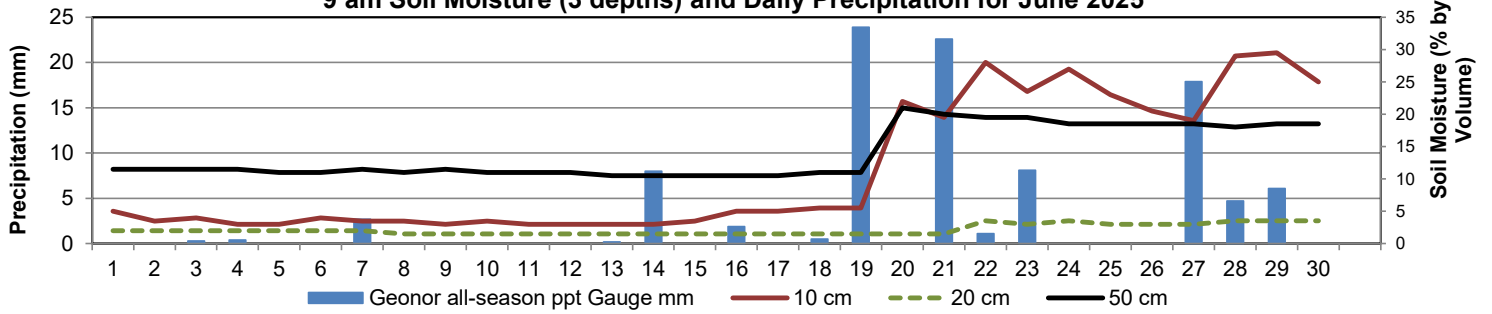
June 2025 was 16th wettest since 1964

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

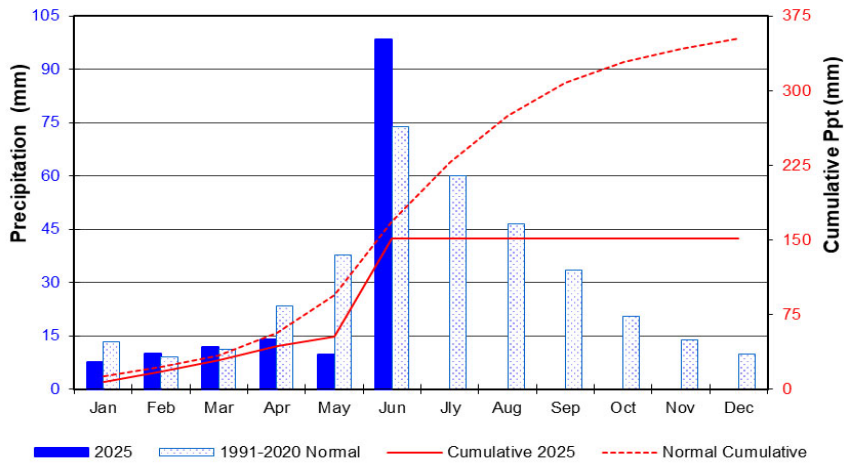
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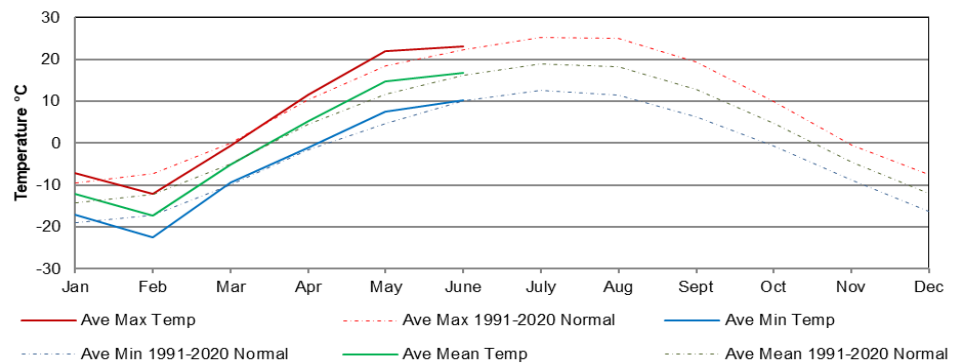
9 am Soil Moisture (3 depths) and Daily Precipitation for June 2025



2025 Monthly Precipitation

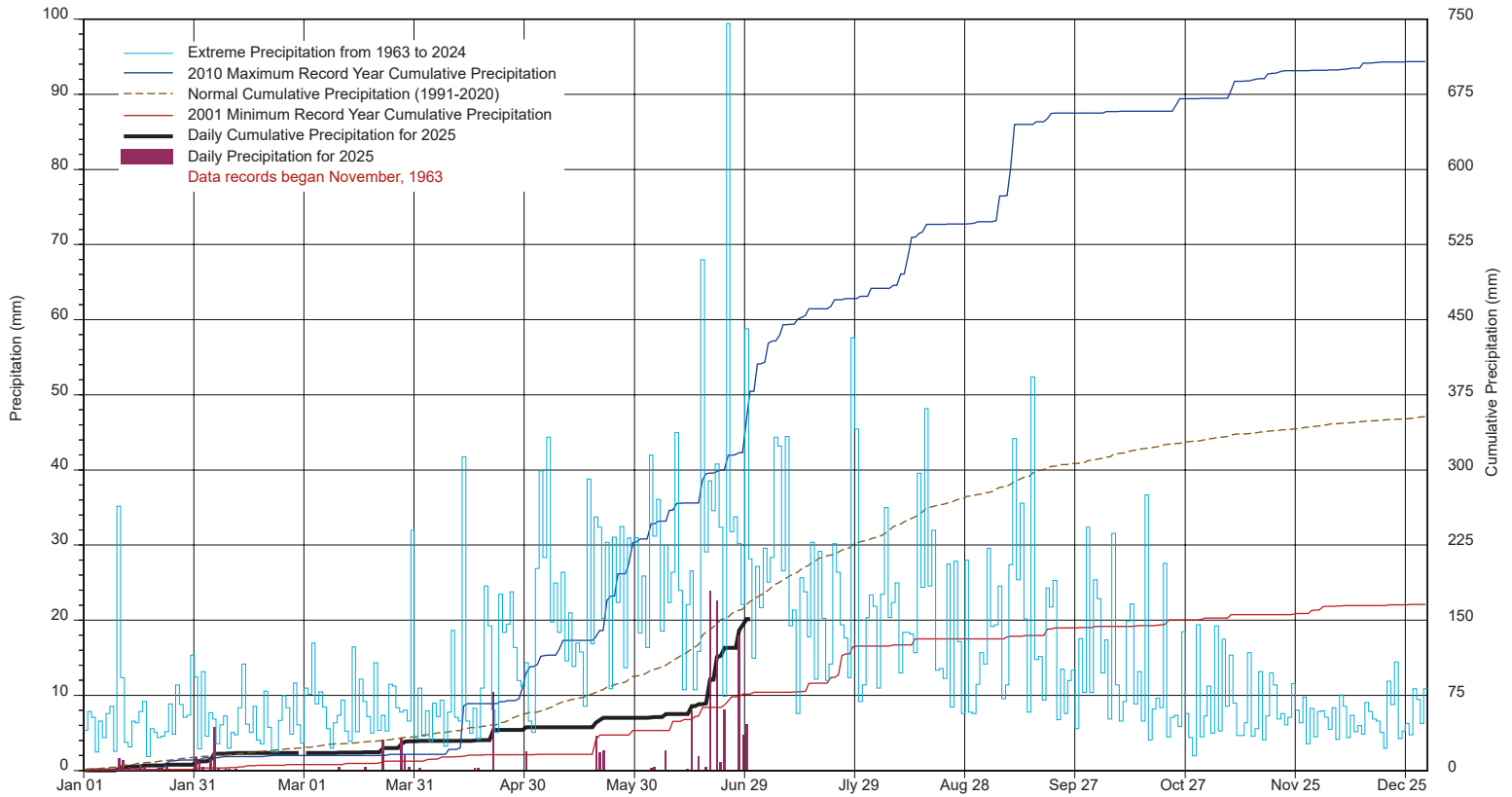


2025 Monthly Temperature

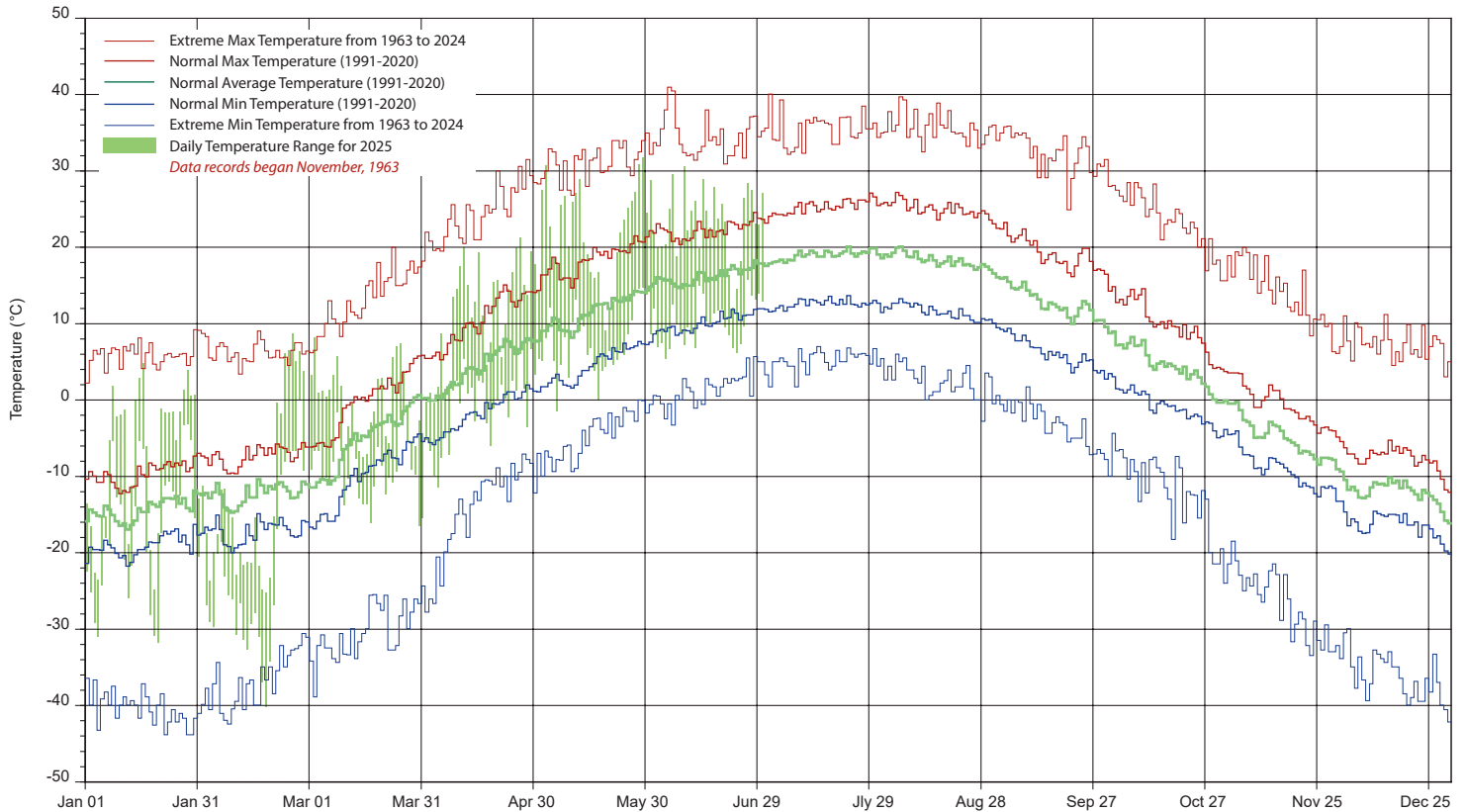


SASKATCHEWAN RESEARCH COUNCIL SASKATOON CLIMATE REFERENCE STATION

2025 PRECIPITATION AND NORMALS



2025 TEMPERATURES AND NORMALS



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