



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

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

Preliminary

AUGUST

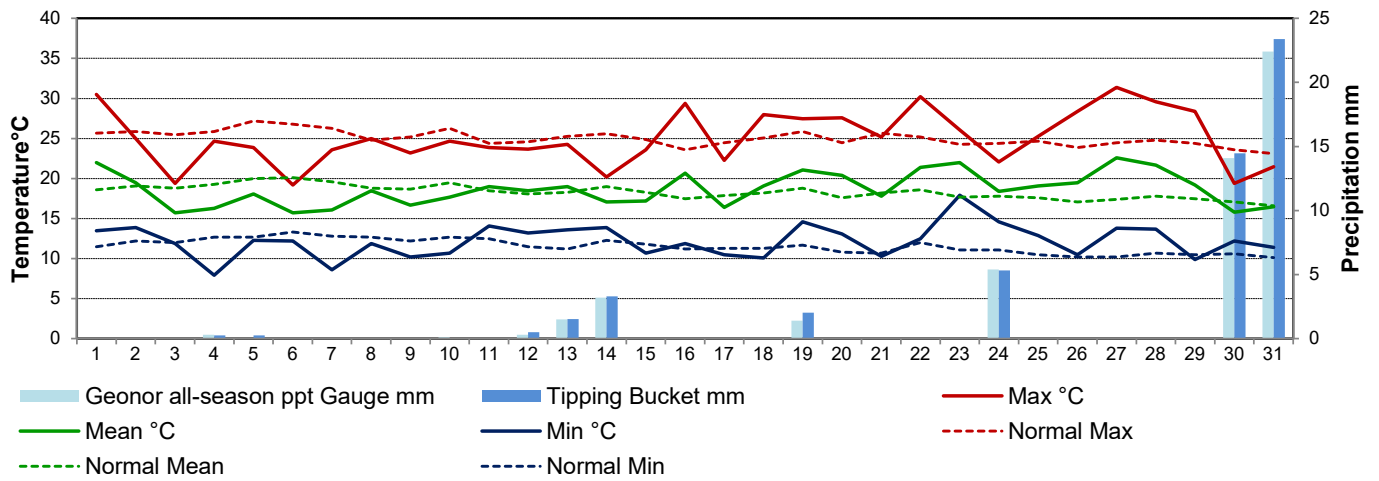
2026

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	30.5	25.7	13.5	11.5	22.0	18.6	17.0	0.0	4.0	0.0	0.0		92	43	1016	1001
2	25.0	25.9	13.9	12.2	19.5	19.1	14.5	0.0	1.5	0.0	0.0		70	29	1008	998
3	19.4	25.5	11.9	12.0	15.7	18.8	10.7	2.3	0.0	0.0	0.0		83	38	1016	1009
4	24.7	25.9	7.9	12.7	16.3	19.3	11.3	1.7	0.0	0.3	0.3		78	27	1016	1010
5	23.9	27.2	12.3	12.7	18.1	20.0	13.1	0.0	0.1	0.0	0.3		85	35	1010	1008
6	19.2	26.8	12.2	13.3	15.7	20.1	10.7	2.3	0.0	0.0	0.0		76	47	1017	1007
7	23.6	26.3	8.6	12.8	16.1	19.6	11.1	1.9	0.0	0.0	0.0		84	33	1018	1015
8	25.0	24.8	11.9	12.7	18.5	18.8	13.5	0.0	0.5	0.0	0.0		80	32	1016	1015
9	23.2	25.2	10.2	12.2	16.7	18.7	11.7	1.3	0.0	0.0	0.0		90	38	1016	1014
10	24.7	26.3	10.7	12.7	17.7	19.5	12.7	0.3	0.0	0.1	0.0		87	41	1016	1014
11	23.9	24.4	14.1	12.5	19.0	18.5	14.0	0.0	1.0	0.0	0.0		90	36	1015	1014
12	23.7	24.6	13.2	11.5	18.5	18.1	13.5	0.0	0.5	0.3	0.5		86	29	1017	1015
13	24.3	25.3	13.6	11.2	19.0	18.3	14.0	0.0	1.0	1.5	1.5		87	37	1019	1018
14	20.2	25.6	13.9	12.3	17.1	19.0	12.1	0.9	0.0	3.2	3.3		91	68	1019	1017
15	23.6	24.9	10.7	11.8	17.2	18.3	12.2	0.8	0.0	0.0	0.0		92	38	1022	1018
16	29.4	23.6	11.9	11.2	20.7	17.5	15.7	0.0	2.7	0.0	0.0		85	24	1020	1014
17	22.3	24.5	10.5	11.3	16.4	17.9	11.4	1.6	0.0	0.0	0.0		91	24	1019	1014
18	28.0	25.1	10.1	11.3	19.1	18.2	14.1	0.0	1.1	0.0	0.0		79	30	1016	1010
19	27.5	25.9	14.6	11.7	21.1	18.8	16.1	0.0	3.1	1.4	2.0		81	35	1012	1008
20	27.6	24.5	13.1	10.8	20.4	17.6	15.4	0.0	2.4	0.0	0.0		86	31	1018	1012
21	25.2	25.7	10.3	10.7	17.8	18.2	12.8	0.2	0.0	0.0	0.0		91	26	1023	1018
22	30.2	25.2	12.5	12.0	21.4	18.6	16.4	0.0	3.4	0.0	0.0		74	24	1023	1013
23	26.1	24.3	17.9	11.1	22.0	17.7	17.0	0.0	4.0	0.0	0.0		85	40	1012	1006
24	22.1	24.4	14.6	11.1	18.4	17.8	13.4	0.0	0.4	5.4	5.3	Showers	90	67	1015	1005
25	25.3	24.7	12.9	10.5	19.1	17.6	14.1	0.0	1.1	0.0	0.0		83	28	1021	1016
26	28.4	23.9	10.5	10.2	19.5	17.1	14.5	0.0	1.5	0.0	0.0		82	25	1021	1018
27	31.4	24.5	13.8	10.2	22.6	17.4	17.6	0.0	4.6	0.0	0.0		75	20	1018	1010
28	29.6	24.8	13.7	10.7	21.7	17.8	16.7	0.0	3.7	0.0	0.0		72	24	1010	1007
29	28.4	24.4	9.9	10.5	19.2	17.5	14.2	0.0	1.2	0.0	0.0		87	25	1011	1008
30	19.4	23.6	12.2	10.6	15.8	17.1	10.8	2.2	0.0	14.1	14.5	Rain	91	63	1009	1003
31	21.5	23.1	11.4	10.1	16.5	16.6	11.5	1.5	0.0	22.4	23.4	Rain	93	55	1011	995
Total							423.8	17.0	37.8	48.7	51.1		Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	25.1	25.1	12.2	11.6	18.7	18.3	1991-2020 Normal			46.4	Aug 1991-2020 Normal					
Extreme	31.4		7.9				413.0	41.6	51.6	283.8	Year to date 2026 Cumulative		93	20	1023	995
Date	27		4							274.8	Year to date Cumulative Normal		31	27	21	31
Note: Red numbers indicate manual calculation; Red cell indicate data not available										It has not been corrected for wind speed.						

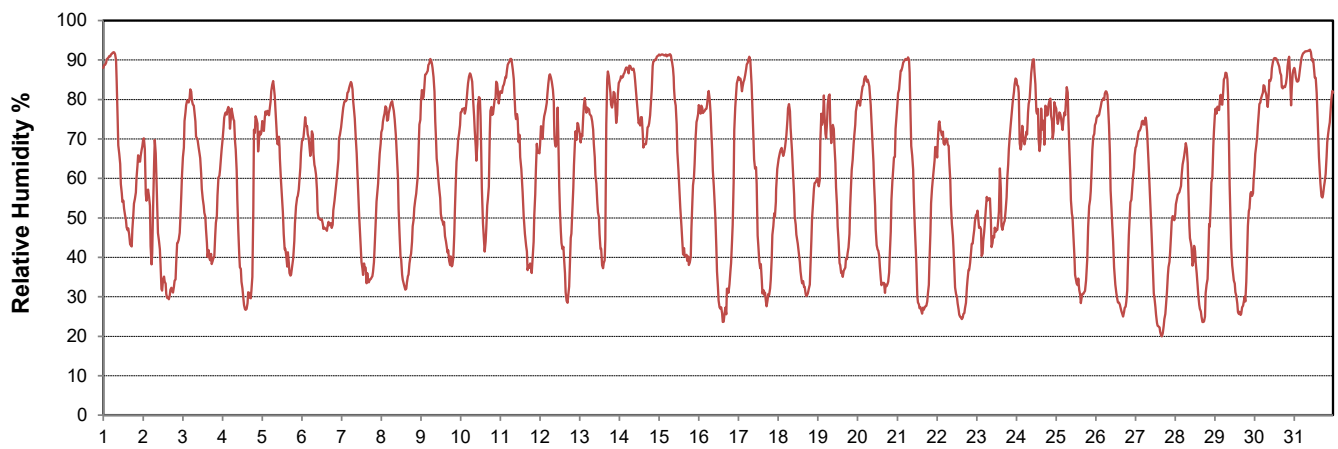
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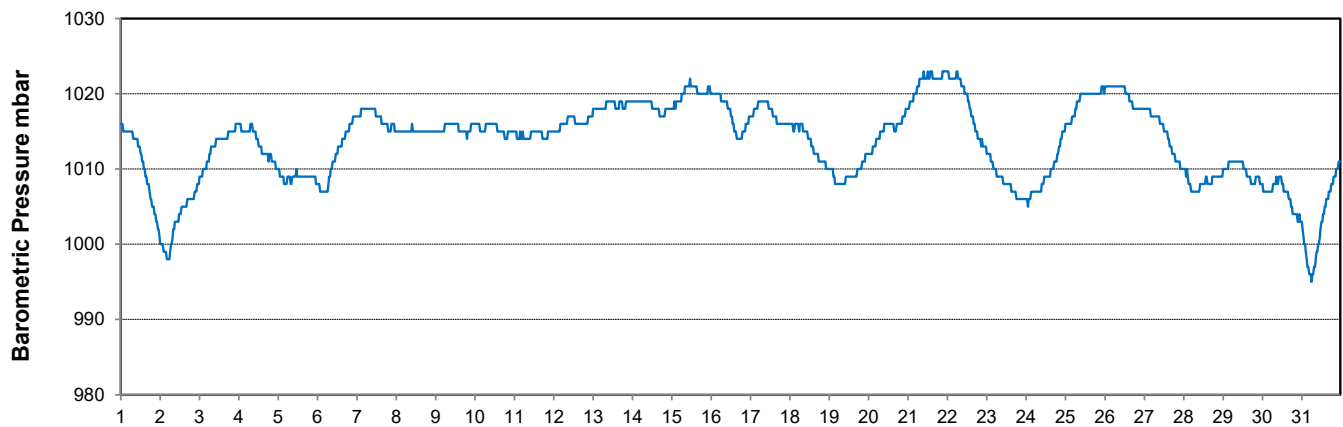
Temperature and Precipitation for August 2026



Relative Humidity for August 2026



Barometric Pressure Corrected to Sea Level for August 2026





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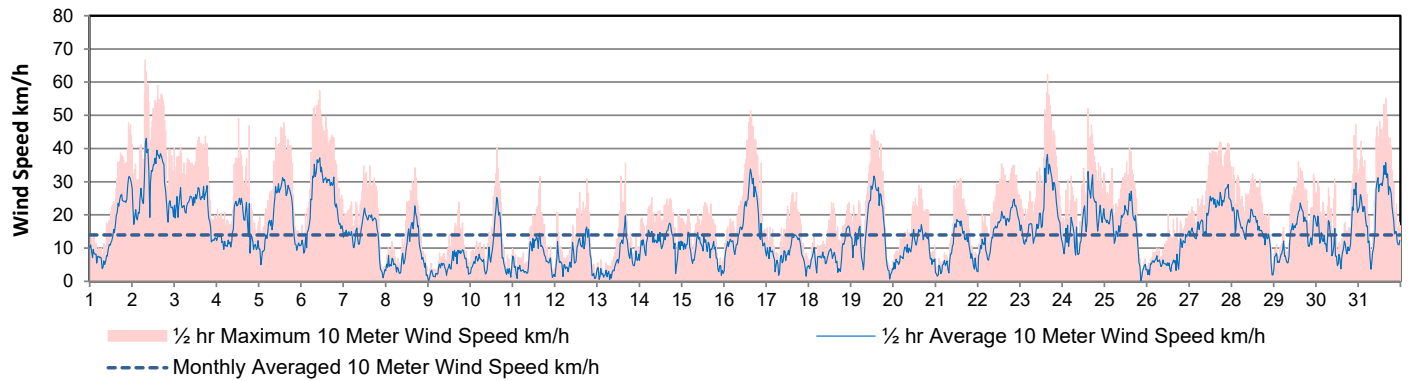
Day	Wind Gust (10 meters)			Wind Speed (10 meters)	Soil Temperatures at 0900hrs								Radiation				
	Max	Direction	Time	Daily Average	Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	47.7	ESE	22:22	15.1	20.5	20.0	20.5	25.5	18.5	15.0	19.0	9.5	13.8	15.5	89.3	24.1	5.9
2	66.7	WNW	7:54	28.8	19.0	21.0	21.5	26.5	18.5	15.0	19.5	10.0	11.6	15.4	75.3	22.6	7.1
3	43.7	NW	17:56	22.4	14.0	19.0	19.5	25.5	18.5	15.5	19.5	10.0	4.7	15.4	30.6	15.0	11.5
4	49.0	W	12:58	15.6	13.5	16.5	17.5	24.0	18.0	15.5	20.0	10.0	7.4	15.3	48.4	20.0	7.0
5	47.8	NW	14:27	19.3	17.0	17.5	18.0	24.0	17.5	15.0	20.0	10.0	8.1	15.2	53.1	18.3	9.1
6	57.3	WNW	10:52	24.6	14.0	17.5	18.0	24.0	17.5	15.0	20.0	10.0	3.7	15.2	24.4	16.0	11.5
7	34.8	NW	15:28	14.1	14.5	16.0	16.5	23.5	17.0	15.0	20.0	10.0	13.1	15.1	86.6	22.4	5.4
8	34.2	N	16:31	8.7	15.5	16.5	17.5	23.5	17.0	15.0	20.0	10.0	7.1	15.1	47.1	18.8	8.9
9	23.7	NNW	17:49	4.9	15.0	16.5	17.5	23.5	17.0	15.0	20.0	10.0	5.7	15.0	38.0	13.7	8.8
10	40.4	SW	15:04	8.2	15.5	16.0	17.0	23.0	17.0	15.0	20.0	10.5	3.2	15.0	21.4	12.0	8.1
11	31.5	NNE	15:48	6.7	18.5	17.0	17.5	23.0	16.5	14.5	20.0	10.5	7.4	14.9	49.7	14.9	8.4
12	30.9	NNE	16:09	7.3	16.5	17.5	17.5	23.5	16.5	14.5	20.0	10.5	6.8	14.8	45.9	16.5	8.3
13	35.6	WNW	18:15	6.2	16.5	17.0	17.5	23.5	16.5	14.5	20.0	10.5	3.2	14.8	21.7	13.4	7.8
14	25.2	NE	7:02	12.1	15.0	17.5	18.0	23.5	16.5	14.5	20.0	10.5	1.1	14.7	7.5	9.3	8.1
15	23.7	WNW	13:10	9.3	13.5	16.5	17.0	23.0	16.5	14.5	19.5	10.5	11.8	14.7	80.5	21.1	5.5
16	51.3	WSW	15:10	17.2	17.0	16.0	16.5	23.0	16.5	14.5	19.5	10.5	12.2	14.6	83.6	22.2	5.6
17	26.7	WNW	17:11	8.3	15.5	16.0	17.0	23.5	16.5	14.5	19.5	10.5	11.0	14.5	75.7	18.9	7.3
18	23.8	SE	23:08	8.1	15.5	15.5	16.0	23.0	16.5	14.5	19.5	10.5	12.5	14.5	86.4	21.4	4.4
19	45.6	NW	13:15	15.8	18.0	17.5	18.5	24.0	16.5	14.5	20.0	10.5	12.7	14.4	88.2	21.4	5.0
20	28.9	NW	14:32	9.9	17.0	16.5	17.5	24.0	16.5	14.5	20.0	10.5	12.1	14.3	84.4	19.0	7.0
21	30.9	NNE	14:27	9.1	17.0	16.0	17.0	23.5	16.5	14.5	20.0	10.5	13.5	14.3	94.5	22.3	3.2
22	35.4	SSE	13:33	15.7	18.5	16.5	17.5	24.0	16.5	14.5	20.0	10.5	9.4	14.2	66.1	18.6	6.7
23	62.3	SE	15:31	20.5	21.0	18.5	19.0	24.5	16.5	14.5	20.0	11.0	6.3	14.2	44.5	13.6	7.7
24	52.1	WNW	14:43	17.7	14.5	18.0	18.5	24.0	17.0	14.5	20.0	11.0	1.8	14.1	12.8	8.6	6.6
25	40.4	NW	14:22	15.7	17.0	16.5	17.5	23.0	16.5	14.5	19.5	11.0	13.0	14.0	92.7	19.9	7.3
26	21.1	SE	23:32	6.7	16.5	15.0	16.0	23.0	16.5	14.5	19.5	11.0	13.2	14.0	94.6	20.6	3.3
27	42.0	SE	17:59	20.7	18.5	16.5	17.5	23.5	16.5	14.5	20.0	11.0	12.0	13.9	86.3	18.6	6.1
28	34.4	SSE	0:01	15.9	22.0	18.0	18.5	24.0	16.5	14.5	20.0	11.0	12.5	13.8	90.4	19.8	4.0
29	36.0	ENE	14:16	13.3	16.5	16.5	17.5	24.0	17.0	14.5	20.0	11.0	12.6	13.8	91.5	19.4	4.7
30	47.1	WSW	22:48	13.3	15.0	18.0	19.0	24.5	17.0	14.5	20.0	11.0	0.1	13.7	0.7	3.9	3.6
31	55.1	NW	15:33	21.1	12.0	15.5	16.0	23.0	16.5	14.5	20.0	11.0	3.7	13.6	27.1	7.2	4.9
Total													267.3	451.9	59.2	533.5	208.8
Mean				14.0	16.5	17.0	17.8	23.8	16.9	14.7	19.8	10.5	1991-2020 Normal				
Extreme	66.7	WNW	7:54		1971- 2000 Normal for Soil Temperatures								276.9	452.3	61.2	542.2	172.5
Date	2					16.5	16.9	18.1	16.8	14.1	12.3	9.1	No. of Bright Sunshine days = 31				

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

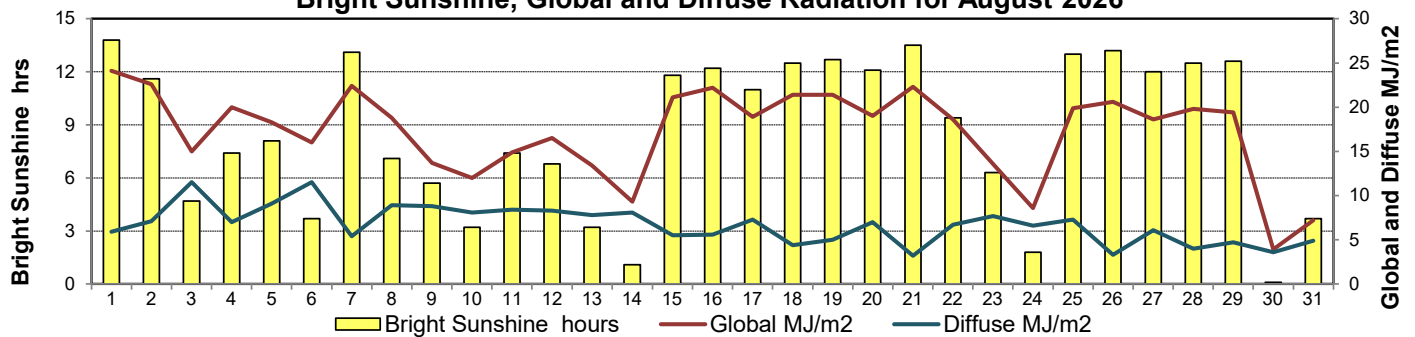
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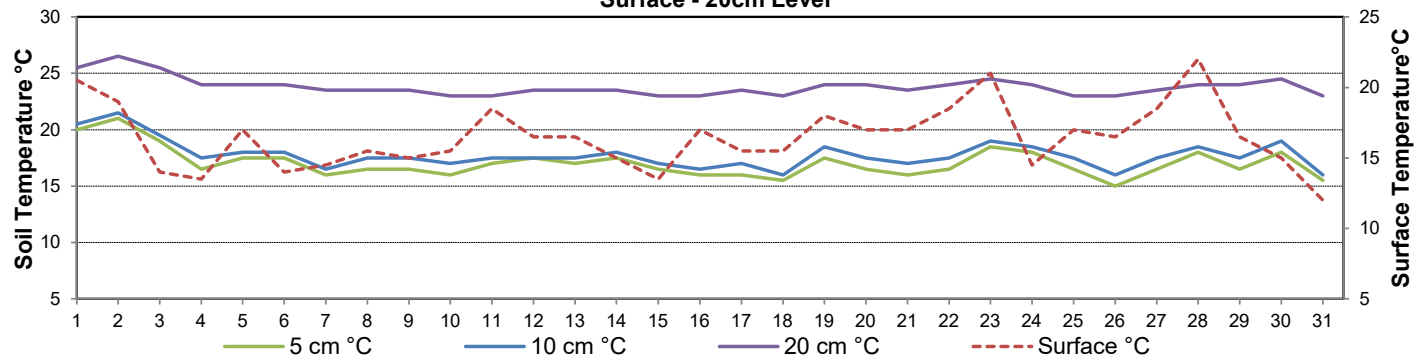
Wind Speed for August 2026



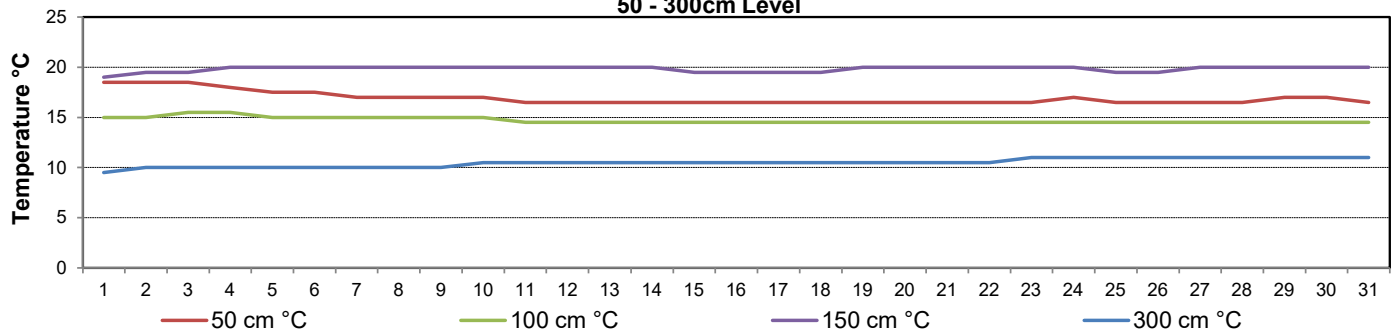
Bright Sunshine, Global and Diffuse Radiation for August 2026



Soil Temperatures for August 2026
Surface - 20cm Level



Soil Temperatures for August 2026
50 - 300cm Level





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Extreme Records for August

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
39.7	06/1998	SRC	39.7	06/1998	229.8	1953	SF	105.2	2007	151 ^W	14/1967	129	1985	360.8	1969	31	1966*
-2.8	23/1901 28/1976	SM SRC	-2.8	28/1976	0.0	1986	SC	7.0	2001					200.8	1987	27	1992*

**1975 forward * more than one year

Notable Events for CRS Saskatoon - August						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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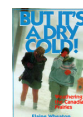
August

2026

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	9.0	20.9	36.2	11.0	2.5	17.0								
2	19.0	28.2	48.3	11.0	2.0	16.5								
3	16.0	20.3	33.9	10.5	2.0	16.0								
4	11.0	17.9	35.0	10.0	2.0	15.5								
5	13.0	22.1	40.8	10.0	2.0	15.5								
6	17.0	25.5	41.4	10.0	2.0	16.0								
7	10.0	16.2	28.1	10.0	2.0	16.0								
8	7.0	17.0	25.2	9.5	2.0	15.5								
9	4.0	8.2	20.0	9.5	2.0	15.5								
10	6.0	18.5	31.6	9.0	2.0	15.0								
11	5.0	11.2	22.9	9.0	2.0	15.5								
12	6.0	12.1	21.8	9.0	2.0	15.0								
13	5.0	13.8	30.4	9.0	2.0	15.0								
14	8.0	11.5	18.9	9.0	2.0	15.0								
15	7.0	10.8	20.6	8.5	2.0	15.0								
16	12.0	24.8	40.8	8.0	2.0	15.0								
17	6.0	11.0	20.6	8.5	2.0	15.0								
18	6.0	11.2	20.6	8.5	2.0	15.0								
19	11.0	22.1	33.9	9.0	2.0	14.5								
20	8.0	13.0	24.1	9.0	2.0	14.5								
21	6.0	13.9	24.7	9.0	2.0	14.5								
22	10.0	15.8	31.0	9.0	2.0	14.5								
23	13.0	23.5	47.7	9.0	2.0	14.5								
24	12.0	22.6	36.2	9.0	2.0	14.5								
25	11.0	20.2	32.1	8.5	2.0	14.5								
26	6.0	9.7	25.8	8.5	2.0	14.0								
27	14.0	19.9	33.9	8.5	2.0	14.5								
28	11.0	16.3	25.2	8.5	2.0	14.5								
29	10.0	17.7	31.0	8.5	2.0	14.0								
30	9.0	21.4	35.0	9.0	2.0	14.0								
31	15.0	45.0	45.0	27.0	2.0	14.0								
Total														
Mean				10	2	15.0								
Extreme	19.0	45.0	48.3	27	2.5	17								
Date	2	31	2	31	1	1								

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 August 2026

