



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

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

Preliminary

SEPTEMBER

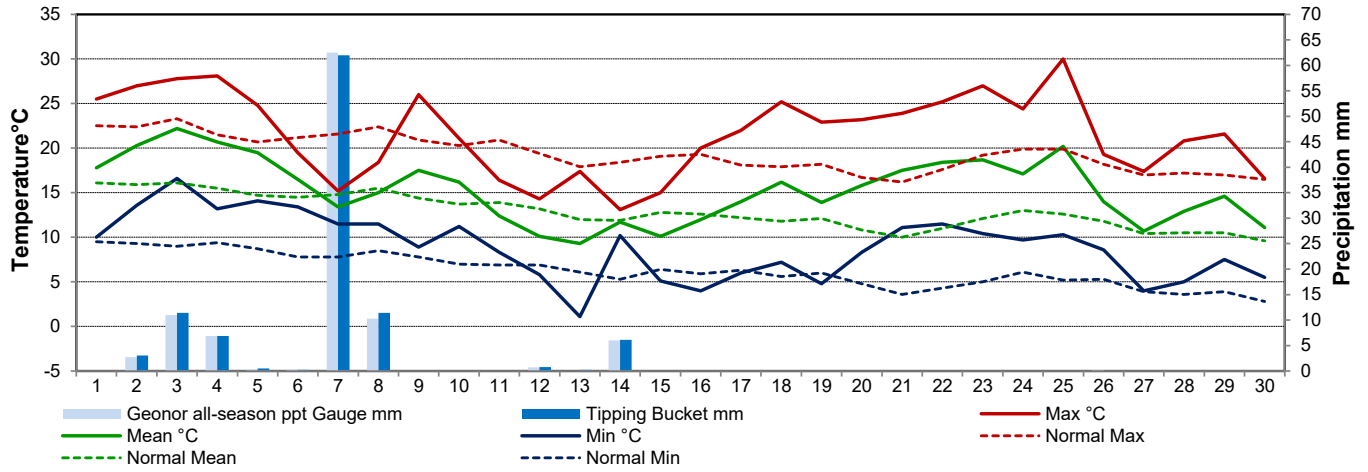
2026

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	25.5	22.5	10.0	9.5	17.8	16.1	12.8	0.2	0.0	0.0	0.0		89	33	1014	1011
2	27.0	22.4	13.6	9.3	20.3	15.9	15.3	0.0	2.3	2.7	3.0		83	37	1012	1006
3	27.8	23.3	16.6	9.0	22.2	16.1	17.2	0.0	4.2	11.0	11.4	Showers	87	27	1008	1004
4	28.1	21.5	13.2	9.4	20.7	15.5	15.7	0.0	2.7	6.9	6.9		89	40	1013	1008
5	24.8	20.7	14.1	8.7	19.5	14.7	14.5	0.0	1.5	0.3	0.5		88	57	1020	1012
6	19.5	21.2	13.4	7.8	16.5	14.5	11.5	1.5	0.0	0.3	0.3		92	65	1020	1016
7	15.2	21.6	11.5	7.8	13.4	14.8	8.4	4.6	0.0	62.5	62.0	Rain	92	87	1016	1004
8	18.4	22.4	11.5	8.5	15.0	15.5	10.0	3.0	0.0	10.3	11.4	Shoers	92	59	1014	1003
9	26.0	20.9	8.9	7.8	17.5	14.4	12.5	0.5	0.0	0.0	0.0		91	31	1015	1008
10	21.1	20.3	11.2	7.0	16.2	13.7	11.2	1.8	0.0	0.0	0.0		77	47	1007	1002
11	16.4	20.9	8.3	6.9	12.4	13.9	7.4	5.6	0.0	0.0	0.0		84	54	1015	1006
12	14.3	19.4	5.8	6.9	10.1	13.2	5.1	7.9	0.0	0.7	0.8		89	46	1019	1015
13	17.4	17.9	1.1	6.1	9.3	12.0	4.3	8.7	0.0	0.0	0.3		93	30	1019	1011
14	13.1	18.4	10.2	5.3	11.7	11.9	6.7	6.3	0.0	6.0	6.1	Light Rain	90	67	1011	1004
15	15.0	19.1	5.1	6.4	10.1	12.8	5.1	7.9	0.0	0.0	0.0		92	46	1021	1011
16	20.0	19.3	4.0	5.9	12.0	12.6	7.0	6.0	0.0	0.0	0.0		91	33	1023	1020
17	22.0	18.1	6.0	6.3	14.0	12.2	9.0	4.0	0.0	0.0	0.0		86	32	1023	1016
18	25.2	17.9	7.2	5.6	16.2	11.8	11.2	1.8	0.0	0.0	0.0		91	29	1020	1016
19	22.9	18.2	4.8	6.0	13.9	12.1	8.9	4.1	0.0	0.0	0.0		93	30	1023	1020
20	23.2	16.7	8.3	4.8	15.8	10.8	10.8	2.2	0.0	0.0	0.0		80	34	1022	1019
21	23.9	16.2	11.1	3.6	17.5	10.0	12.5	0.5	0.0	0.0	0.0		88	41	1019	1014
22	25.2	17.6	11.5	4.3	18.4	11.0	13.4	0.0	0.4	0.0	0.0		87	43	1014	1010
23	27.0	19.2	10.4	5.0	18.7	12.1	13.7	0.0	0.7	0.0	0.0		90	34	1012	1011
24	24.4	19.9	9.7	6.1	17.1	13.0	12.1	0.9	0.0	0.0	0.0		89	41	1017	1012
25	30.0	19.9	10.3	5.2	20.2	12.6	15.2	0.0	2.2	0.0	0.0		88	22	1015	1003
26	19.3	18.2	8.6	5.3	14.0	11.8	9.0	4.0	0.0	0.2	0.0		67	35	1014	1002
27	17.4	17.0	4.0	3.9	10.7	10.4	5.7	7.3	0.0	0.0	0.0		78	23	1019	1014
28	20.8	17.2	5.0	3.6	12.9	10.5	7.9	5.1	0.0	0.0	0.0		75	27	1015	1004
29	21.6	17.0	7.5	3.9	14.6	10.5	9.6	3.4	0.0	0.0	0.0		65	23	1004	996
30	16.6	16.5	5.5	2.8	11.1	9.6	6.1	6.9	0.0	0.0	0.0		62	24	1015	1004
Total							309.8	94.2	14.0	100.9	102.6		Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	21.6	19.4	8.9	6.3	15.3	12.9	1991-2020 Normal			33.4	1991-2020 Normal					
Extreme	30.0		1.1				238.0	163.6	9.6	384.7	Year to date 2026 Cumulative		93	22	1023	996
Date	25		13							308.2	Year to date Cumulative Normal		13	25	16	29
Note: Red numbers indicate manual calculation; Red cell indicate data not available										Precipitation is measured precipitation. It has not been corrected for wind speed.						

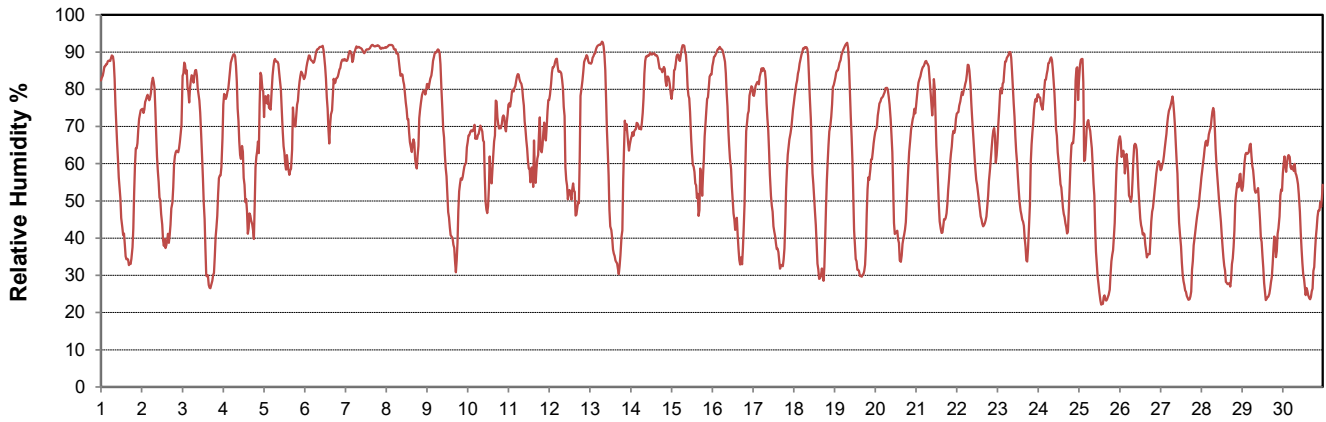
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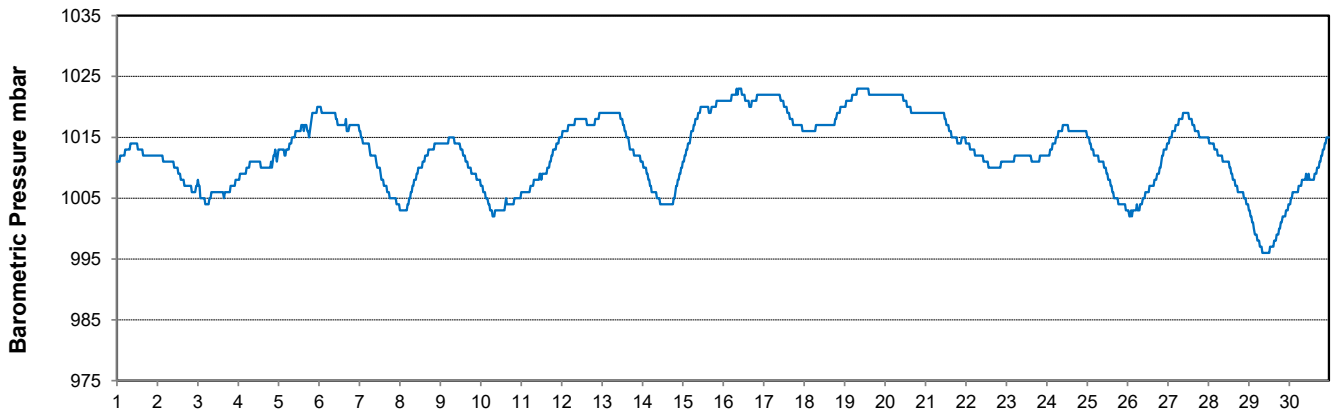
Temperature and Precipitation for September 2026



Relative Humidity for September 2026



Barometric Pressure Corrected to Sea Level for September 2026





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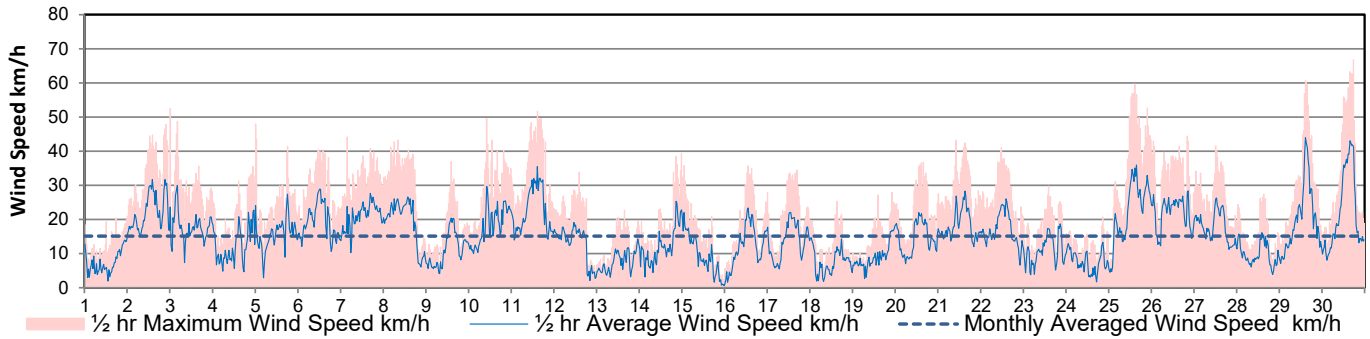
Day	Wind Gust (10 meters)			Wind Speed (10 meters)	Soil Temperatures at 0900hrs								Radiation				
	Max	Direction	Time	Daily Average	Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	20.3	ESE	17:52	7.5	14.5	14.5	15.0	22.0	16.0	14.5	20.0	11.0	12.9	13.6	95.1	19.6	3.3
2	47.8	E	21:30	22.1	17.5	16.0	16.5	23.0	16.0	14.5	20.0	11.0	8.5	13.5	62.9	14.8	6.3
3	52.5	S	0:03	17.8	16.5	17.5	18.0	23.5	16.0	14.5	20.0	11.0	8.7	13.4	64.7	16.4	6.2
4	35.6	NE	22:37	12.2	17.5	17.0	17.5	23.5	16.5	14.5	20.0	11.0	5.4	13.4	40.4	10.6	6.9
5	48.0	NW	0:14	15.7	16.5	18.0	18.0	24.0	16.5	14.5	20.0	11.0	7.3	13.3	54.8	14.2	6.3
6	40.5	NNE	11:33	19.3	13.5	18.0	18.5	24.0	17.0	14.5	20.0	11.0	2.2	13.2	16.6	8.1	5.4
7	44.1	E	3:48	20.9	13.5	17.0	17.5	23.5	17.0	14.5	20.0	11.0	0.0	13.2	0.0	2.0	1.9
8	43.2	NW	8:11	19.6	13.0	15.0	15.5	22.0	16.5	14.5	20.0	11.0	1.9	13.1	14.5	7.4	6.2
9	36.9	SW	14:28	11.1	13.0	13.5	14.5	21.5	16.0	14.5	20.0	11.0	11.1	13.1	85.1	17.0	3.4
10	49.5	N	10:21	18.2	15.5	15.0	15.5	22.0	15.5	14.5	20.0	11.0	3.8	13.0	29.3	9.5	4.9
11	51.7	WNW	14:57	22.7	11.5	13.5	14.5	21.5	15.5	14.5	20.0	11.0	3.7	12.9	28.7	9.7	6.5
12	33.9	NNW	15:59	13.0	7.5	12.0	13.0	21.0	15.0	14.5	20.0	11.0	2.2	12.9	17.1	8.6	7.1
13	22.7	WSW	14:09	7.7	5.5	9.5	11.0	20.0	14.5	14.0	20.0	11.0	12.0	12.8	93.9	17.8	2.0
14	39.2	NW	23:50	12.0	10.0	12.0	12.5	20.5	14.0	14.0	20.0	11.0	0.0	12.7	0.0	2.5	2.3
15	35.8	NW	1:06	9.5	7.0	11.0	12.0	20.0	13.5	14.0	20.0	11.0	3.5	12.7	27.7	9.1	7.2
16	35.7	SW	13:20	12.1	7.5	9.5	10.5	19.5	13.5	13.5	19.5	11.0	9.9	12.6	78.7	14.8	3.1
17	34.4	SSE	16:34	13.7	11.0	10.0	11.0	20.0	13.0	13.5	19.5	11.0	12.1	12.5	96.7	16.6	1.8
18	25.3	N	15:15	7.6	11.5	11.0	12.0	20.5	13.0	13.0	19.5	11.5	11.6	12.5	93.2	15.7	2.3
19	27.9	SE	22:12	9.1	9.0	10.5	12.0	20.5	13.5	13.0	19.5	11.5	11.7	12.4	94.5	15.6	2.1
20	36.8	S	15:31	14.4	11.0	11.5	12.5	21.0	13.5	13.0	19.5	11.5	11.7	12.3	95.0	15.3	2.7
21	43.2	SSW	10:17	18.3	13.0	12.5	13.0	21.0	13.5	13.0	19.5	11.5	10.7	12.3	87.3	14.6	2.8
22	41.1	S	11:47	16.9	14.0	13.0	13.5	21.5	13.5	13.0	19.5	11.5	11.5	12.2	94.4	15.5	1.8
23	29.8	S	14:04	11.0	13.5	13.0	14.0	22.0	14.0	13.0	19.5	11.0	11.0	12.1	90.8	14.6	2.1
24	20.7	ENE	20:41	7.6	12.0	13.5	14.0	22.0	14.0	13.0	19.5	11.0	10.8	12.1	89.6	14.2	2.5
25	59.6	SSW	14:31	22.3	17.5	13.5	14.0	22.5	14.0	13.0	19.5	11.0	11.2	12.0	93.5	14.8	2.0
26	44.4	NW	20:12	22.0	14.0	14.5	15.0	22.5	14.0	13.0	19.5	11.0	9.2	11.9	77.2	13.0	3.7
27	41.5	WSW	12:29	17.9	6.0	11.5	12.5	21.5	14.0	13.0	19.5	11.0	11.4	11.9	96.2	14.7	1.6
28	27.4	SW	15:18	9.8	8.5	10.5	11.5	20.5	13.5	13.0	19.5	11.0	11.0	11.8	93.4	14.2	1.6
29	60.7	WNW	14:57	20.1	9.5	11.0	11.5	20.5	13.5	13.0	19.5	11.0	8.1	11.7	69.2	11.8	3.0
30	66.7	NW	17:52	22.0	7.5	10.0	11.0	20.5	13.0	13.0	19.5	11.0	8.7	11.7	74.7	13.1	2.8
Total													243.8	378.4	64.4	385.8	111.8
Mean				15.1	11.9	13.2	13.9	21.6	14.6	13.7	19.8	11.1	1991-2020 Normal				
Extreme	66.7	NW	17:52		1971- 2000 Normal for Soil Temperatures								214.7	378.9	56.7	373.1	120.9
Date	30					10.5	11.0	12.5	13.2	12.4	11.7	9.9	No. of Bright Sunshine days = 28				

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

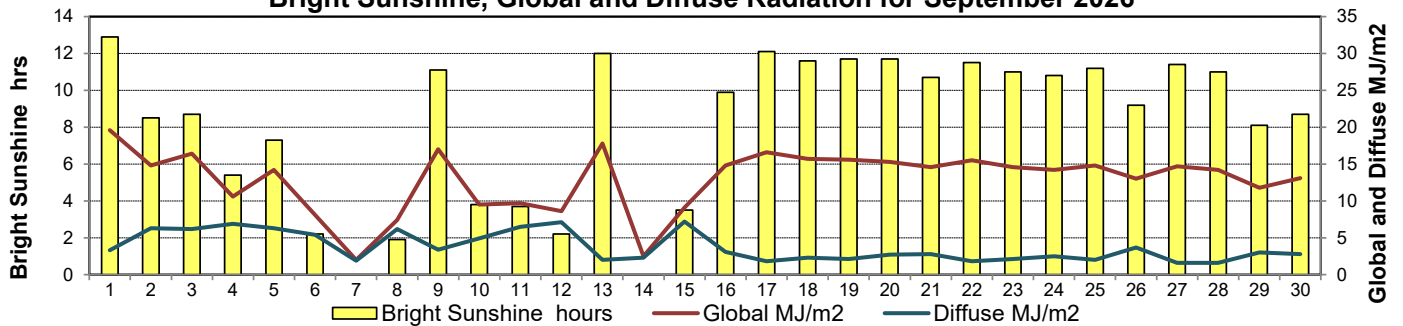
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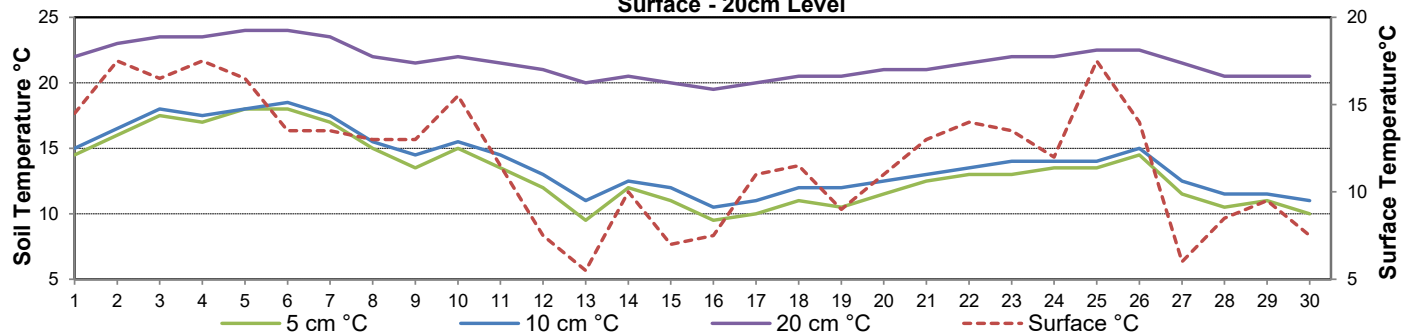
Wind Speed for September 2026



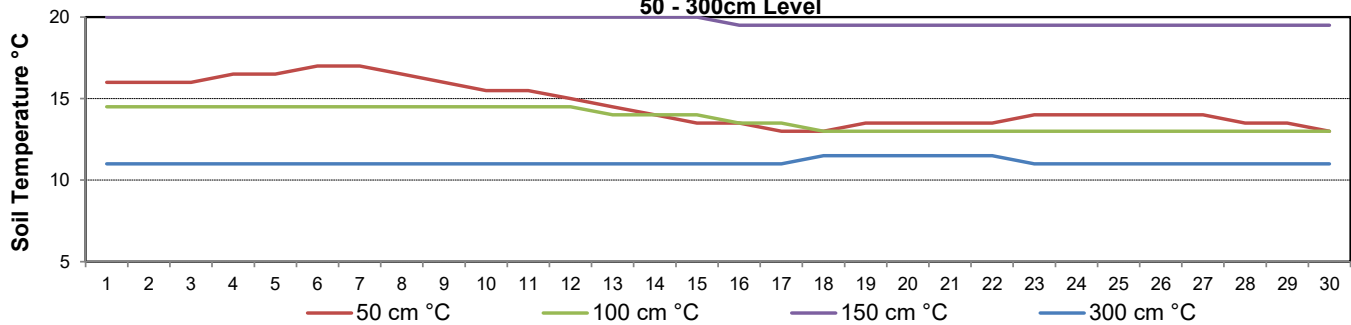
Bright Sunshine, Global and Diffuse Radiation for September 2026



Soil Temperatures for September 2026
Surface - 20cm Level



Soil Temperatures for September 2026
50 - 300cm Level





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Extreme Records for September

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
36.1	22/1950	SF	35.9	04/2022	128.8	2006	SWT	128.4	2006	148 ^w	22/1967	89	1986	302.2	2011	30	1966*
-11.1	28,30/1908,'61	SE SF	-7.8	30/1974	0.6	1995	SA	0.8	1995, 2012					114.6	1986	20	1984

**1975 forward * more than one year

Notable Events for CRS Saskatoon - September						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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September

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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								
	km/h	km/h	km/h	% by volume (soil type is Loam (45.5% Sand, 41.1% Silt, 13.3% Clay))										
1	6.0	9.8	24	26.0	3.0	14.0								
2	16.0	22.7	37	24.0	3.0	14.0								
3	11.0	19.4	40	31.0	3.5	14.0								
4	8.0	15.9	28	25.5	3.5	13.5								
5	11.0	18.3	32	29.0	3.5	14.0								
6	13.0	19.4	31	26.0	3.5	13.5								
7	15.0	18.2	38	36.0	4.0	14.0								
8	14.0	19.0	33	33.5	4.0	30.0								
9	7.0	15.9	27	28.0	3.5	28.5								
10	13.0	21.8	36	26.0	3.5	27.5								
11	16.0	25.5	39	24.5	3.5	27.5								
12	9.0	14.4	28	24.0	3.0	27.5								
13	4.0	9.4	22	23.0	3.0	26.5								
14	8.0	17.6	31	23.0	3.0	26.5								
15	7.0	15.9	28	26.0	3.0	26.5								
16	8.0	18.0	28	25.0	3.0	26.5								
17	8.0	14.0	25	23.5	3.0	26.0								
18	5.0	11.5	21	23.0	3.0	26.0								
19	6.0	11.9	29	22.5	3.0	26.0								
20	9.0	13.7	29	21.5	3.0	26.0								
21	11.0	18.9	33	21.5	3.0	26.0								
22	10.0	16.4	30	21.0	3.0	25.5								
23	7.0	13.4	23	20.5	3.0	25.5								
24	6.0	9.9	16	20.0	3.0	25.5								
25	14.0	21.4	49	19.5	3.0	25.5								
26	17.0	22.1	37	19.0	3.0	25.5								
27	14.0	21.9	36	19.0	3.0	25.5								
28	6.0	12.9	24	18.0	3.0	25.5								
29	15.0	34.0	49	17.5	3.0	25.5								
30	16.0	33.8	51	17.0	3.0	25.0								
Total														
Mean				24	3	23.4								
Extreme	17.0	34.0	51.2	36	4	30								
Date	26	29	30	7	7	8								

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 September 2026

