



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

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

Preliminary

JULY

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	19.3	23.2	14.6	11.9	17.0	17.6	12.0	1.0	0.0	0.3	0.5		89	72	1011	1005
2	21.2	24.1	12.4	11.6	16.8	17.9	11.8	1.2	0.0	0.0	0.0		93	70	1013	1011
3	24.7	24.5	13.8	11.7	19.3	18.1	14.3	0.0	1.3	0.1	0.0		91	64	1013	1010
4	27.3	24.3	12.2	12.1	19.8	18.2	14.8	0.0	1.8	0.0	0.0		93	36	1013	1008
5	24.5	24.3	11.8	12.4	18.2	18.4	13.2	0.0	0.2	3.4	3.3	Showers	86	46	1015	1010
6	22.7	24.2	12.7	11.7	17.7	18.0	12.7	0.3	0.0	0.0	0.0		87	44	1019	1015
7	25.6	24.5	10.1	12.2	17.9	18.4	12.9	0.1	0.0	0.0	0.0		85	40	1020	1017
8	24.6	24.4	12.4	12.2	18.5	18.3	13.5	0.0	0.5	0.5	0.5		89	55	1018	1008
9	24.0	25.3	11.1	12.6	17.6	19.0	12.6	0.4	0.0	25.4	24.9	Rain	92	54	1012	1008
10	28.8	25.9	13.0	13.3	20.9	19.6	15.9	0.0	2.9	0.0	0.0		92	55	1011	1005
11	29.9	24.4	13.5	13.2	21.7	18.8	16.7	0.0	3.7	0.0	0.0		93	55	1011	1005
12	30.6	25.7	16.5	12.4	23.6	19.1	18.6	0.0	5.6	0.0	0.0		89	41	1011	1007
13	27.4	26.0	15.1	13.2	21.3	19.6	16.3	0.0	3.3	0.1	0.0		85	32	1019	1010
14	26.8	25.5	12.2	13.1	19.5	19.3	14.5	0.0	1.5	0.0	0.0		89	48	1023	1019
15	25.8	24.7	18.5	12.8	22.2	18.8	17.2	0.0	4.2	1.2	1.0		89	56	1022	1017
16	27.0	25.0	16.2	12.5	21.6	18.8	16.6	0.0	3.6	0.4	0.8		90	55	1018	1014
17	30.3	26.0	17.5	13.1	23.9	19.6	18.9	0.0	5.9	0.0	0.0		87	48	1017	1014
18	31.5	25.1	16.6	13.6	24.1	19.4	19.1	0.0	6.1	4.6	5.1	Showers	90	52	1017	1005
19	30.1	24.9	18.4	12.7	24.3	18.8	19.3	0.0	6.3	0.0	0.0		79	45	1007	1003
20	23.4	25.4	15.1	12.5	19.3	18.9	14.3	0.0	1.3	0.0	0.0		90	55	1020	1007
21	26.4	25.2	12.6	13.2	19.5	19.2	14.5	0.0	1.5	0.0	0.0		92	47	1021	1018
22	28.5	26.3	15.2	12.6	21.9	19.5	16.9	0.0	3.9	0.0	0.0		87	45	1018	1012
23	31.2	26.4	15.3	13.7	23.3	20.1	18.3	0.0	5.3	0.0	0.0		89	34	1013	1004
24	29.3	25.8	17.1	12.6	23.2	19.2	18.2	0.0	5.2	0.0	0.0		89	37	1007	1004
25	29.6	25.0	16.9	12.5	23.3	18.8	18.3	0.0	5.3	0.0	0.0		86	38	1008	1006
26	27.8	26.2	17.6	12.2	22.7	19.2	17.7	0.0	4.7	0.0	0.0		88	56	1010	1005
27	29.7	26.2	14.9	12.7	22.3	19.5	17.3	0.0	4.3	0.0	0.0		93	41	1012	1009
28	27.7	26.0	13.3	12.5	20.5	19.3	15.5	0.0	2.5	0.2	0.0		90	44	1014	1007
29	27.8	27.1	15.9	12.7	21.9	19.9	16.9	0.0	3.9	0.0	0.0		83	31	1013	1006
30	28.3	26.6	9.9	13.1	19.1	19.9	14.1	0.0	1.1	0.0	0.0		89	26	1017	1013
31	30.0	25.5	16.7	12.7	23.4	19.1	18.4	0.0	5.4	1.2	1.3	Light Rain	87	38	1018	1014
Total							491.3	3.0	91.3	37.4	37.3		Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	27.2	25.3	14.5	12.6	20.8	19.0	1991-2020 Normal			60.1	Jly 1991-2020 Normal					
Extreme Date	31.5		9.9				433.2	25.9	56.1	235.1	Year to date 2026 Cumulative		93	26	1023	1003
	18		30							228.4	Year to date Cumulative Normal		2	30	14	19

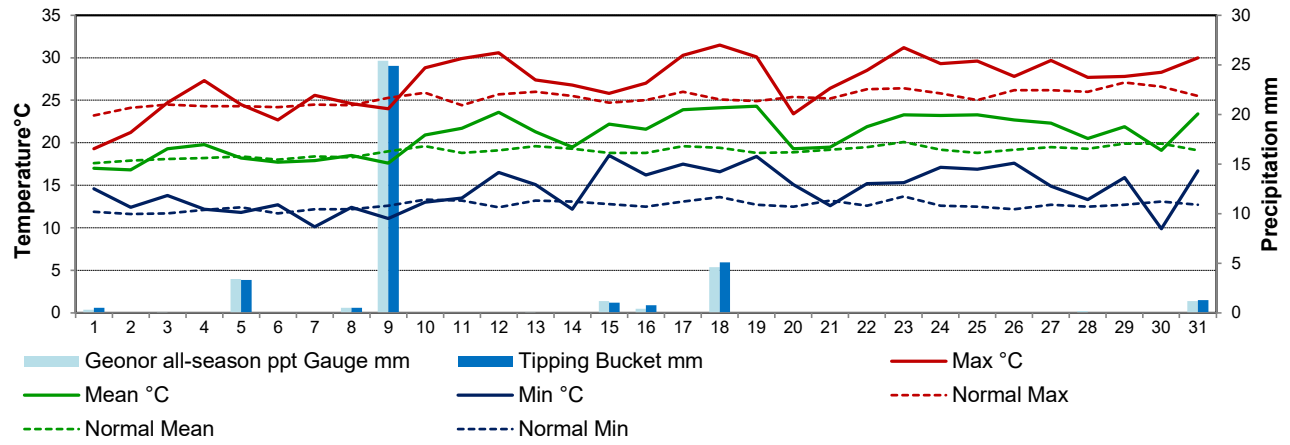
Note: Red numbers indicate manual calculation; Red cell indicate data not available

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

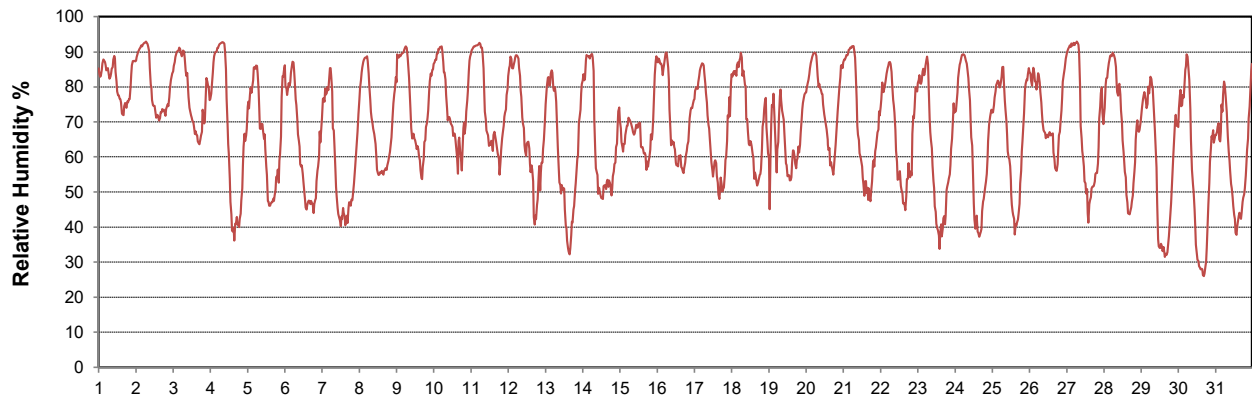
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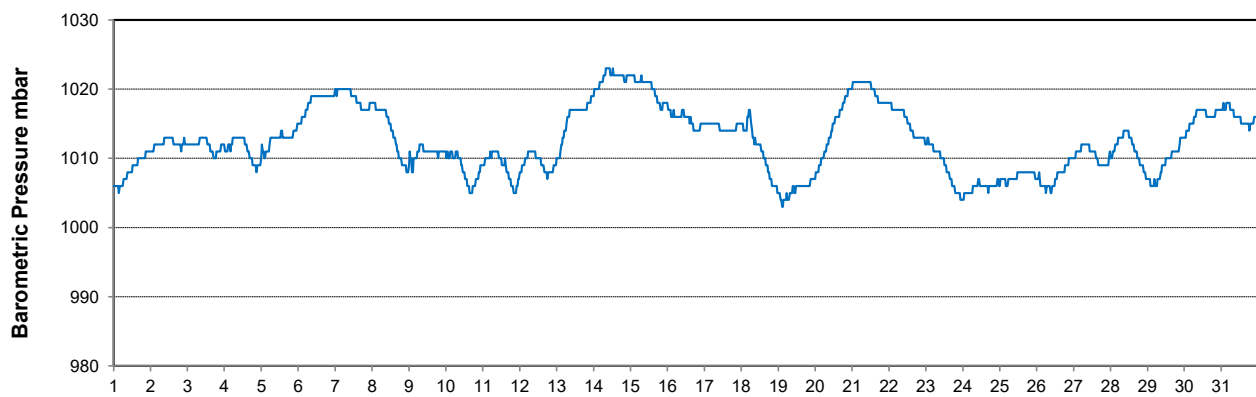
Temperature and Precipitation for July 2026



Relative Humidity for July 2026



Barometric Pressure Corrected to Sea Level for July 2026





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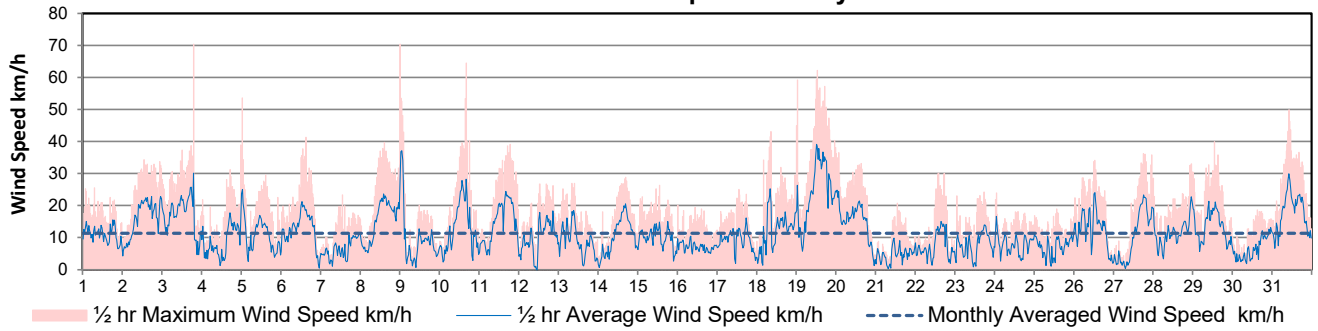
Day	Wind Gust			Wind Speed (10 meters) Daily Average	Soil Temperatures at 0900hrs								Radiation				
	Max	Direction	Time		Surface	5 cm	10 cm	20 cm	50 cm	100 cm	150 cm	300 cm	Bright Sunshine	Possible	% Possible	Global	Diffuse
	km/h				°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	25.5	N	7:13	11.0	15.0	17.0	17.0	21.0	15.0	11.5	12.0	7.5	1.0	16.7	6.0	8.3	7.1
2	34.3	ESE	13:08	16.0	15.5	16.0	16.5	20.0	15.0	11.5	12.0	7.5	1.0	16.7	6.0	12.0	10.3
3	70.3	NW	19:16	17.2	17.0	17.0	17.0	21.5	15.0	12.0	12.5	7.5	10.5	16.6	63.2	24.8	9.5
4	38.9	NNE	23:56	8.7	16.0	17.5	18.0	22.5	15.0	12.0	12.5	7.5	9.6	16.6	57.8	26.7	5.9
5	53.6	WNW	0:43	10.9	18.0	18.0	18.5	23.0	15.5	12.0	12.5	8.0	14.3	16.6	86.2	28.8	4.7
6	41.3	WNW	15:20	12.8	16.5	18.0	19.0	23.0	16.0	12.0	13.0	8.0	15.2	16.6	91.8	29.6	3.9
7	23.3	SW	13:16	6.4	19.5	16.5	17.5	22.5	16.0	12.5	13.5	8.0	9.9	16.5	59.9	22.4	6.4
8	39.7	SE	14:52	15.2	18.5	17.0	18.0	22.5	16.0	12.5	13.5	8.0	12.9	16.5	78.2	23.6	10.8
9	70.3	N	0:18	9.6	15.5	17.0	17.5	22.5	16.0	12.5	14.0	8.0	9.5	16.5	57.7	21.6	11.5
10	64.5	SSE	16:00	13.1	20.0	18.0	18.0	22.5	16.0	12.5	14.0	8.0	13.2	16.4	80.3	26.2	5.9
11	39.1	SSE	18:45	14.7	21.0	19.0	19.5	23.5	16.5	13.0	14.5	8.0	13.0	16.4	79.2	25.3	7.1
12	26.7	SW	8:00	9.8	21.0	20.5	20.5	24.5	17.0	13.0	15.0	8.0	10.5	16.4	64.1	20.8	10.3
13	27.0	N	12:42	9.0	19.5	20.5	21.0	25.0	17.5	13.0	15.0	8.5	14.3	16.3	87.5	25.4	6.9
14	28.9	NE	16:47	10.5	21.0	19.5	20.0	24.5	17.5	13.5	15.5	8.5	10.3	16.3	63.2	23.2	9.8
15	26.3	S	13:06	10.0	22.0	20.5	21.0	24.5	17.5	13.5	15.5	8.5	1.6	16.3	9.8	11.7	9.9
16	20.1	ESE	0:11	7.1	20.5	20.5	20.5	24.5	17.5	13.5	16.0	8.5	12.8	16.2	78.9	25.7	5.6
17	25.0	NNW	13:26	9.3	23.0	20.5	21.0	25.0	18.0	14.0	16.0	8.5	14.3	16.2	88.4	26.1	6.0
18	43.1	SE	8:32	12.2	18.0	21.0	21.5	25.5	18.0	14.0	16.0	8.5	11.6	16.1	71.9	23.3	5.4
19	62.2	WSW	12:34	24.2	20.0	21.5	22.0	26.0	18.5	14.0	16.5	8.5	10.7	16.1	66.5	22.2	7.8
20	36.5	NW	1:38	15.4	19.5	20.0	20.5	25.0	18.5	14.5	16.5	9.0	7.5	16.1	46.7	16.2	9.8
21	20.7	SW	13:03	4.7	18.0	18.0	19.0	24.0	18.0	14.5	17.0	9.0	9.9	16.0	61.8	20.2	11.2
22	30.1	SW	14:15	7.4	20.5	19.0	19.5	24.0	18.0	14.5	17.0	9.0	10.9	16.0	68.3	22.4	8.5
23	24.3	SW	17:47	7.7	22.5	20.0	20.5	25.0	18.0	14.5	17.0	9.0	11.4	15.9	71.6	23.8	7.5
24	23.9	WNW	1:13	7.9	19.5	20.5	21.0	25.0	18.0	14.5	17.5	9.0	10.8	15.9	68.1	21.5	10.2
25	18.9	NNE	13:34	7.1	21.0	20.5	21.0	25.5	18.5	14.5	17.5	9.0	12.1	15.8	76.4	21.6	9.2
26	34.1	N	12:41	12.6	23.0	21.0	21.5	26.0	18.5	15.0	17.5	9.5	9.6	15.8	60.8	17.9	9.9
27	36.2	ESE	18:08	10.2	21.5	20.0	20.5	25.5	18.5	15.0	17.5	9.5	14.3	15.7	90.9	25.0	6.0
28	33.0	SE	23:15	11.6	18.5	20.0	21.0	26.0	18.5	15.0	18.0	9.5	14.2	15.7	90.6	25.5	5.5
29	39.9	NW	13:24	13.4	21.5	20.5	21.5	26.0	18.5	15.0	18.5	9.5	14.2	15.6	90.9	25.8	4.7
30	18.6	NNW	15:11	6.5	18.0	19.0	20.0	25.5	18.5	15.0	18.5	9.5	14.2	15.6	91.2	25.1	5.1
31	49.9	SE	10:17	17.7	19.0	20.5	21.0	25.5	18.5	15.0	19.0	9.5	12.7	15.5	81.8	23.3	6.0
Total													338.0	501.5	67.4	696.0	238.4
Mean				11.3	19.4	19.2	19.7	24.1	17.2	13.5	15.5	8.5	1991-2020 Normal				
Extreme	70.3	NW	19:16		1971- 2000 Normal for Soil Temperatures								305.5	501.60	60.9	662.0	203.3
Date	3				17.5	18.0	18.9	16.7	13.1	10.9	7.5		No. of Bright Sunshine days = 31				

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

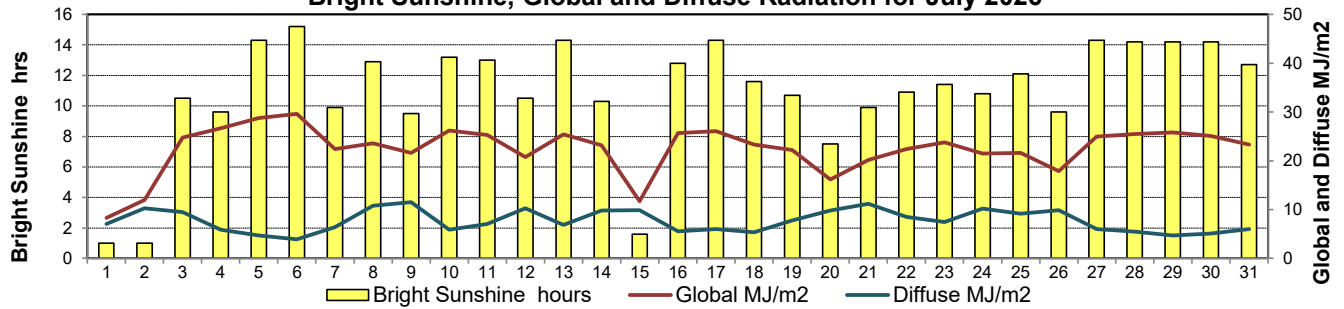
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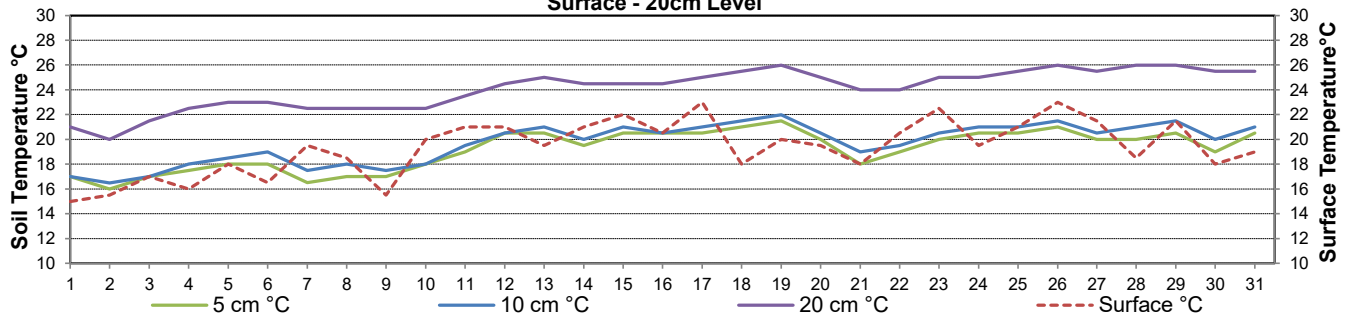
10 meter Tower Wind Speed for July 2026



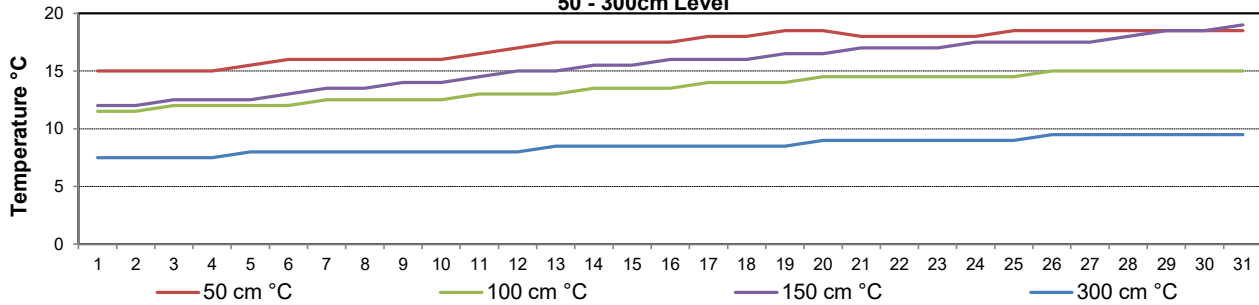
Bright Sunshine, Global and Diffuse Radiation for July 2026



Soil Temperatures for July 2026
Surface - 20cm Level



Soil Temperatures for July 2025
50 - 300cm Level





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Extreme Records for July

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	No. of Days
40.0	(1919,41)1946	(SE SA) US	40.1	02/2021	162.9	1928	SE	125.9	1971	113 ^E	05/1955	160	1985	386.2	1974
-0.6	25/1918	SE	1.7	02/1967,09/1978	0.0	1988	SC	5.0	2021					185.5	1998

**1975 forward * more than one year

Notable Events for CRS Saskatoon - July						Saskatoon Area Stations			Glossary	
Element	Type	Day	New Record	Old Record	Day / 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 Forest	1943-1970		

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July

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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	8.0	11.1	19.5	27.5	3.5	23.0									
2	11.0	15.6	27.0	26.0	3.5	24.0									
3	11.0	20.0	47.1	24.5	3.5	24.0									
4	6.0	10.9	28.1	23.5	3.0	24.0									
5	7.0	16.4	36.8	22.0	3.0	23.5									
6	8.0	14.2	25.8	22.5	3.0	24.0									
7	5.0	7.1	18.3	20.5	3.0	23.5									
8	9.0	13.7	29.8	20.0	3.0	24.0									
9	6.0	24.6	49.4	32.0	3.5	23.5									
10	8.0	18.4	35.6	27.5	3.5	24.5									
11	9.0	16.5	29.3	25.5	3.5	25.0									
12	7.0	12.3	20.0	24.0	3.5	25.0									
13	6.0	12.1	20.6	22.5	3.0	24.5									
14	7.0	13.8	20.6	22.0	3.0	24.5									
15	6.0	9.5	19.5	21.0	3.0	24.5									
16	5.0	7.5	17.7	20.5	3.0	24.5									
17	6.0	10.6	20.6	19.5	3.0	24.0									
18	8.0	14.2	29.8	19.0	3.0	24.0									
19	15.0	25.6	39.6	19.5	3.0	24.0									
20	9.0	15.4	26.4	18.5	3.0	24.0									
21	3.0	7.6	21.8	17.5	3.0	23.0									
22	5.0	11.0	22.9	17.0	3.0	23.5									
23	5.0	9.5	20.6	16.5	2.5	23.0									
24	6.0	10.2	16.6	15.5	2.5	22.5									
25	5.0	8.4	15.4	15.0	2.5	22.0									
26	9.0	16.3	24.1	14.0	2.5	21.5									
27	7.0	15.7	27.5	13.5	2.5	21.0									
28	7.0	14.3	28.7	13.0	2.5	20.5									
29	8.0	14.3	27.5	12.5	2.5	20.0									
30	4.0	8.5	15.4	11.5	2.5	19.0									
31	11.0	37.0	37.0	11.5	2.5	18.0									
Total															
Mean				20	3	23.1									
Extreme	15.0	37.0	49.4	32	3.5	25									
Date	19	31	9	9	1	11									

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 July 2026

