



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT CONSERVATION LEARNING CENTRE

Saskatchewan 53.03°N 105.77°W 451m asl Estab. 2011

Preliminary **January 2026**

Day	Temperature (HMP155A)						Degree-days			Precipitation			Relative Humidity (HMP115A)		Station Pressure corrected to sea level	
	Max	Avg Max	Min	Avg Min	Mean	Avg 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	2012-2021	°C	2012-2021	°C	2012-2021	5°C base	18°C base	18°C base	mm		cm	%	%	mbar	mbar
1	-19.9	-7.5	-24.9	-22.6	-22.4	-15.1	0.0	40.4	0.0	0.2		30	84	76	1016	1014
2	-17.6	-6.3	-25.8	-19.6	-21.7	-13.0	0.0	39.7	0.0	1.7		30	81	70	1016	1013
3	-18.3	-6.4	-31.2	-16.7	-24.8	-11.6	0.0	42.8	0.0	1.5		-	85	76	1018	1006
4	-17.4	-9.3	-21.0	-18.2	-19.2	-13.8	0.0	37.2	0.0	0.6		33	85	80	1005	1001
5	-16.6	-9.3	-25.1	-18.3	-20.9	-13.8	0.0	38.9	0.0	0.2		34	85	80	1006	1003
6	-15.9	-8.3	-30.4	-17.4	-23.2	-12.9	0.0	41.2	0.0	0.1		-	84	76	1005	991
7	-9.8	-9.6	-23.5	-20.9	-16.7	-15.3	0.0	34.7	0.0	0.0		33	87	76	998	991
8	-12.8	-10.4	-26.0	-22.7	-19.4	-16.6	0.0	37.4	0.0	0.0		32	88	78	1007	999
9	-10.5	-12.0	-29.7	-22.0	-20.1	-17.0	0.0	38.1	0.0	0.1		32	88	63	1021	1007
10	-5.4	-13.8	-34.6	-23.1	-20.0	-18.5	0.0	38.0	0.0	0.1		32	87	73	1023	1012
11	3.2	-14.8	-7.6	-24.3	-2.2	-19.5	0.0	20.2	0.0	1.8		32	96	59	1012	1010
12	4.5	-13.0	-7.9	-24.2	-1.7	-18.7	0.0	19.7	0.0	0.0		32	84	62	1010	999
13	3.4	-9.5	-11.1	-21.8	-3.9	-15.9	0.0	21.9	0.0	0.5		31	95	69	1022	1002
14	4.2	-7.7	-10.8	-19.3	-3.3	-13.5	0.0	21.3	0.0	0.0		30	97	56	1022	1004
15	3.7	-7.7	-16.1	-20.5	-6.2	-14.6	0.0	24.2	0.0	0.4		30	87	54	1013	1002
16	-13.8	-10.3	-30.3	-23.1	-22.1	-16.8	0.0	40.1	0.0	0.1		30	72	55	1032	1014
17	-5.0	-9.1	-31.9	-18.4	-18.5	-13.8	0.0	36.5	0.0	0.0		30	74	57	1032	1006
18	-5.8	-10.0	-26.9	-20.0	-16.4	-15.0	0.0	34.4	0.0	0.3		30	86	61	1031	1011
19	-16.6	-10.1	-23.9	-20.9	-20.3	-15.6	0.0	38.3	0.0	0.0		30	84	69	1027	1017
20	-8.0	-9.4	-22.0	-19.2	-15.0	-14.3	0.0	33.0	0.0	0.6		30	86	69	1017	1005
21	-9.4	-8.1	-29.1	-17.5	-19.3	-12.8	0.0	37.3	0.0	0.2		29	76	53	1023	1008
22	-27.3	-7.8	-36.2	-16.0	-31.8	-11.9	0.0	49.8	0.0	0.1		29	67	54	1039	1024
23	-29.2	-7.2	-43.2	-19.0	-36.2	-13.1	0.0	54.2	0.0	0.0		29	73	59	1040	1027
24	-27.2	-10.2	-42.0	-20.8	-34.6	-15.6	0.0	52.6	0.0	0.0		29	73	51	1030	1025
25	-21.3	-8.2	-42.8	-19.7	-32.1	-14.0	0.0	50.1	0.0	0.0		29	72	65	1030	1006
26	-16.1	-7.2	-26.1	-19.7	-21.1	-13.5	0.0	39.1	0.0	0.0		29	76	55	1021	1006
27	-16.1	-7.2	-30.3	-17.7	-23.2	-12.5	0.0	41.2	0.0	0.0		29	76	43	1025	1022
28	-21.2	-7.7	-29.3	-16.3	-25.3	-12.0	0.0	43.3	0.0	0.1		29	78	62	1025	1024
29	-15.7	-8.7	-24.7	-19.6	-20.2	-14.2	0.0	38.2	0.0	0.0		29	78	69	1028	1024
30	-10.7	-9.9	-17.5	-17.9	-14.1	-13.9	0.0	32.1	0.0	0.2		29	82	67	1028	1011
31	-3.2	-9.6	-12.3	-20.7	-7.8	-15.2	0.0	25.8	0.0	1.9		30	90	77	1015	1005
Total							0.0	1141.7	0.0	10.7			Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	-12.0	-9.2	-25.6	-19.9	-18.8	-14.6	2012 - 2021 Average			17.9	2012-2021 Average					
Extreme	4.5	8.1	-43.2	-41.1			0.0	1011.6	0.0	10.7	Cumulative ppt		97	43	1040	991
Date	12	2014	23	2020						17.9	Cumulative Average		14	27	23	6

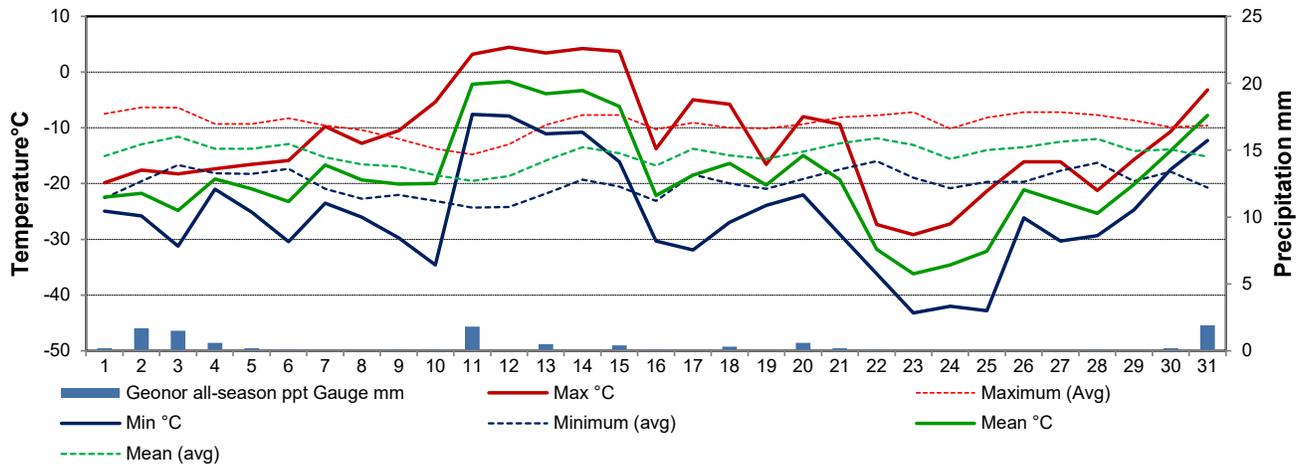
Note: Red numbers indicate manual calculation; Red cell indicate data not available

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

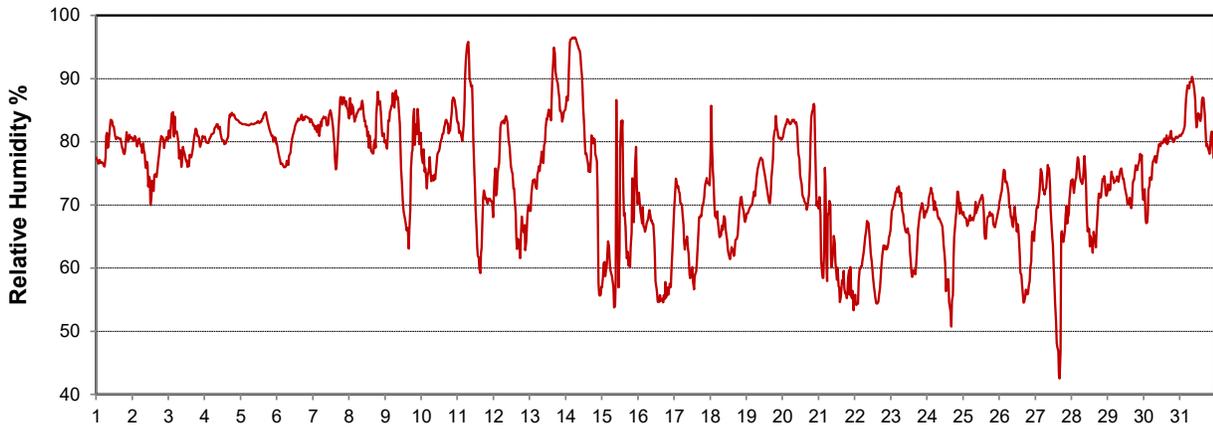
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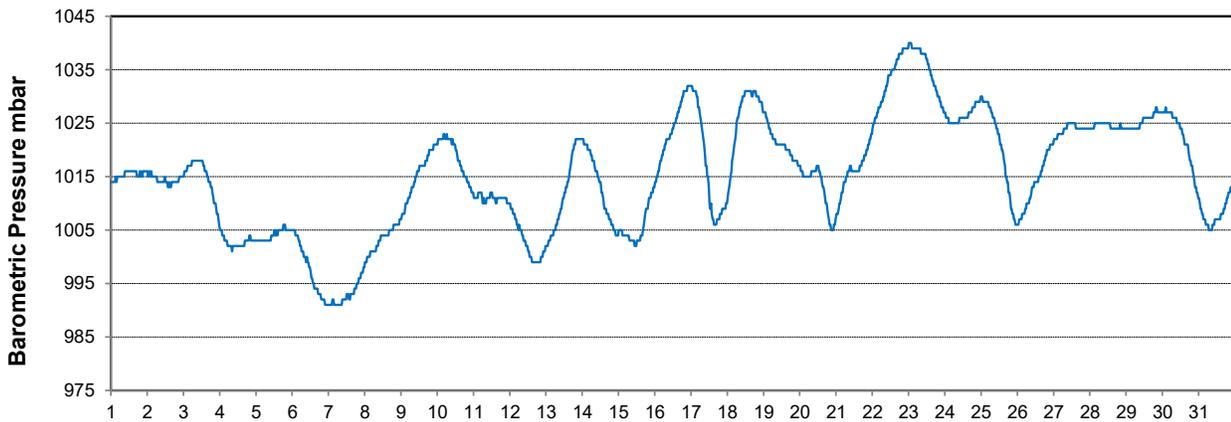
Temperature and Precipitation for January 2026



Relative Humidity for January 2026



Barometric Pressure Corrected to Sea Level for January 2026





SRC CLIMATE REFERENCE STATION DAILY DATA REPORT CONSERVATION LEARNING CENTRE

Saskatchewan 53.03°N 105.77°W 451m asl Estab. 2011

Preliminary

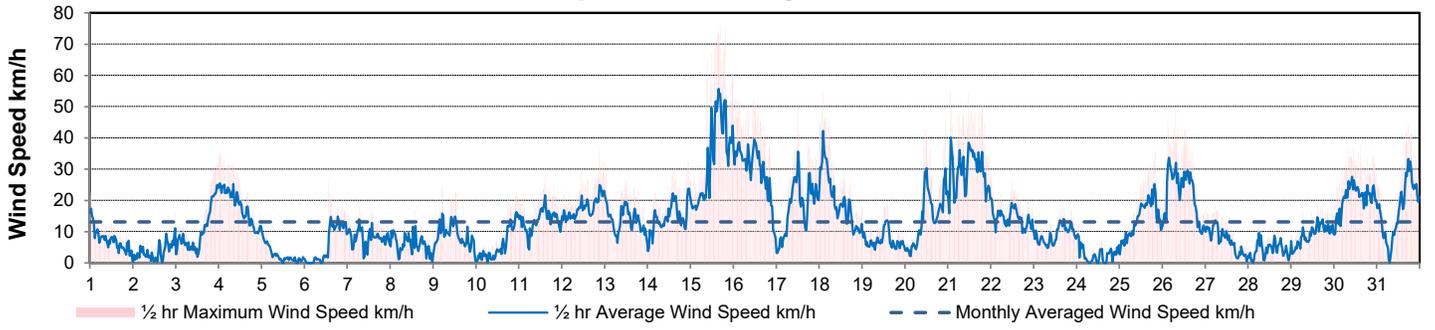
January 2026

Day	Wind Gust			Wind Speed (10 meters)	Soil Temperatures at 0900hrs								Radiation				
	km/h			km/h	°C	°C	°C	°C	°C	°C	°C	°C	hours	hours		MJ/m ²	MJ/m ²
1	22.6	ENE	0:29	7.4	-14.0	-2.0	-1.5	-1.0	-0.5	2.0	3.5	6.5	0.0	7.7	0.0	2.0	2.0
2	16.0	N	23:38	3.6	-12.5	-2.0	-2.0	-1.0	-0.5	2.0	3.5	6.0	0.0	7.7	0.0	1.9	1.8
3	32.3	ESE	23:06	10.5	-15.5	-2.0	-2.0	-1.0	-0.5	2.0	3.5	6.0	2.0	7.7	25.9	1.7	1.4
4	35.9	ENE	0:06	18.0	-13.0	-2.0	-2.0	-1.0	-0.5	2.0	3.5	6.0	0.0	7.8	0.0	2.1	2.0
5	13.6	ENE	0:02	2.6	-12.5	-2.0	-1.5	-1.0	-0.5	1.5	3.5	6.0	0.0	7.8	0.0	1.7	1.7
6	26.0	S	13:53	6.0	-15.0	-1.5	-1.5	-1.0	-0.5	1.5	3.5	6.0	2.9	7.8	37.1	3.4	1.8
7	18.1	SSW	6:49	8.4	-13.0	-1.5	-1.5	-1.0	-0.5	1.5	3.5	6.0	4.7	7.9	59.9	5.4	1.9
8	17.0	S	14:17	6.0	-11.5	-1.5	-1.5	-1.0	-0.5	1.5	3.0	6.0	4.6	7.9	58.4	4.7	1.7
9	24.7	NW	5:22	8.8	-11.5	-1.5	-1.5	-1.0	-0.5	1.5	3.0	6.0	7.0	7.9	88.5	7.2	1.1
10	22.8	SW	22:36	5.6	-17.5	-1.5	-1.5	-1.0	-0.5	1.5	3.0	6.0	0.1	8.0	1.3	1.9	1.6
11	28.3	WSW	14:43	13.7	-2.0	-2.0	-1.5	-1.0	-0.5	1.5	3.0	6.0	7.2	8.0	90.1	4.3	1.1
12	36.4	WNW	21:23	17.5	-5.0	-1.5	-1.5	-1.0	-0.5	1.5	3.0	6.0	1.3	8.0	16.2	2.4	2.1
13	29.6	WNW	0:34	13.6	0.0	-1.5	-1.5	-1.0	-0.5	1.5	3.0	5.5	0.1	8.1	1.2	2.7	2.6
14	33.2	NW	22:58	14.7	-4.0	-1.0	-1.0	-1.0	-0.5	1.5	3.0	5.5	3.1	8.1	38.2	3.2	2.5
15	75.8	NW	16:34	33.8	0.0	-0.5	-1.0	-0.5	-0.5	1.5	3.0	5.5	0.6	8.2	7.4	2.6	2.4
16	52.5	NNW	1:21	29.4	-17.0	-1.0	-1.0	-0.5	-0.5	1.5	3.0	5.5	6.6	8.2	80.5	4.6	1.2
17	50.1	SSW	12:18	18.0	-17.0	-1.0	-1.0	-0.5	-0.5	1.5	3.0	5.5	0.1	8.2	1.2	2.1	2.0
18	54.8	NNW	2:16	19.9	-19.5	-1.5	-1.5	-1.0	-0.5	1.5	3.0	5.5	7.3	8.3	88.1	4.6	1.5
19	19.4	NW	13:38	7.4	-15.5	-1.5	-1.5	-1.0	-0.5	1.5	3.0	5.5	2.0	8.3	24.0	3.4	2.9
20	44.2	NNW	22:43	14.4	-16.0	-1.5	-1.5	-1.0	-0.5	1.5	3.0	5.5	1.7	8.4	20.3	3.6	3.1
21	55.0	N	1:37	28.8	-14.5	-1.5	-1.5	-1.0	-1.0	1.5	3.0	5.5	7.1	8.4	84.1	5.0	2.1
22	27.6	NNW	0:06	14.2	-25.0	-2.0	-1.5	-1.5	-1.0	1.5	2.5	5.5	7.8	8.5	91.9	5.3	1.3
23	18.3	SSW	17:07	9.0	-29.5	-2.5	-2.0	-1.5	-1.0	1.5	2.5	5.5	7.8	8.5	91.3	6.0	1.4
24	12.4	SW	1:07	2.7	-28.0	-3.0	-2.5	-1.5	-1.0	1.0	2.5	5.5	7.9	8.6	92.0	6.4	1.3
25	36.3	SSW	20:03	14.2	-29.5	-3.5	-3.0	-2.0	-1.5	1.0	2.5	5.5	6.7	8.7	77.5	5.4	3.5
26	48.3	NNW	7:18	22.1	-16.0	-3.5	-3.0	-2.0	-1.5	1.0	2.5	5.5	7.4	8.7	85.1	5.4	2.0
27	18.5	WNW	5:46	7.2	-23.5	-3.0	-3.0	-2.0	-1.5	1.0	2.5	5.5	7.1	8.8	81.1	6.2	1.7
28	13.4	NE	6:15	4.3	-20.0	-3.5	-3.0	-2.5	-2.0	1.0	2.5	5.5	6.6	8.8	74.9	4.5	2.2
29	18.7	ENE	16:47	9.1	-17.0	-3.5	-3.0	-2.5	-2.0	1.0	2.5	5.5	4.6	8.9	51.9	4.8	3.5
30	37.6	S	15:03	20.5	-13.0	-3.0	-3.0	-2.5	-2.0	1.0	2.5	5.0	0.0	8.9	0.0	4.4	4.2
31	44.5	NNW	17:44	17.0	-7.0	-3.0	-2.5	-2.0	-2.0	1.0	2.5	5.0	0.0	9.0	0.0	3.9	3.7
Total													114.3	255.7	44.7	122.8	65.3
Mean				13.2	-14.7	-2.0	-1.9	-1.3	-0.9	1.4	3.0	5.7					
Extreme	75.8	NW	16:34														
Date	15																

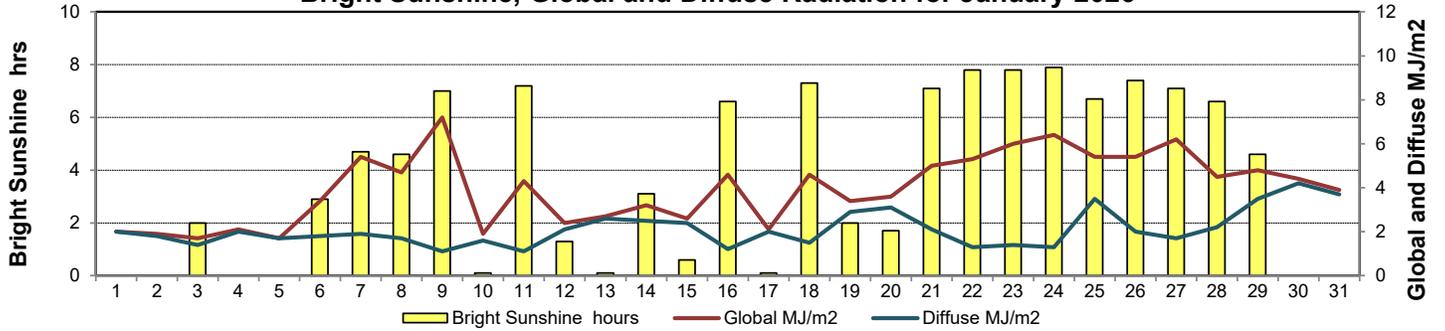
GLOSSARY OF TERMS

Degree-days		Radiation	
T _m Mean Temperature		Bright Sunshine	The unobstructed direct radiation from the sun, as opposed to the shading of a location by clouds or by other atmospheric obstructions.
Growing (T _m -5°C); if T _m ≤ 5°C then GDD = 0		Diffuse	Radiation reaching the earth's surface after having been scattered from the direct solar beam
Heating (18°C-T _m); if T _m ≥ 18°C then HDD = 0		Global	The sum of the direct solar and diffuse radiation
Cooling (T _m -18°C); if T _m ≤ 18°C then CDD = 0		Relative Humidity	The ratio of the air's water vapour content to its water vapour capacity which changes with temperature.
T Trace of Precipitation			
SOG Depth of snow-on-the-ground			
Red Cell No data available		Air Pressure	The force exerted by the weight of a column of air above a given point
Red Number Manual calculation		Wind Gust	The daily highest instantaneous value recorded irrespective of direction and/or duration

Wind Speed for January 2026

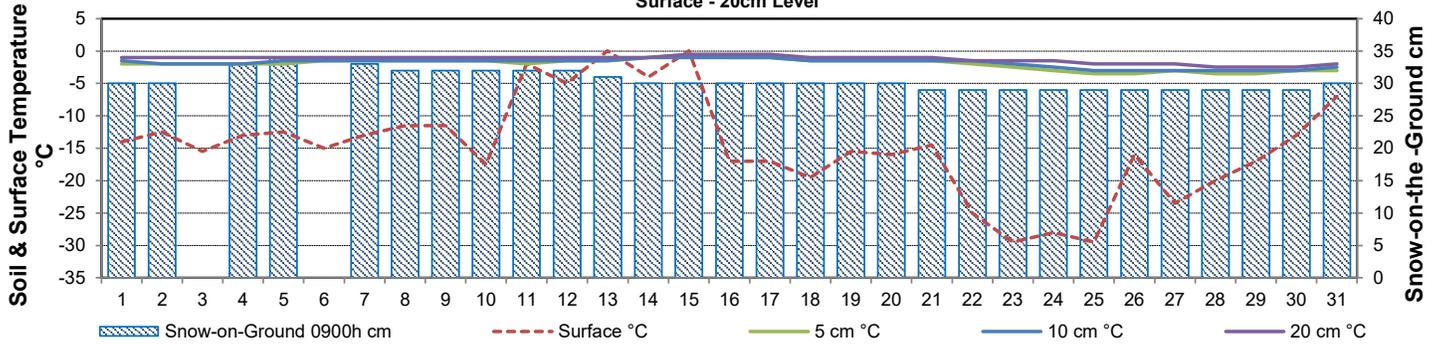


Bright Sunshine, Global and Diffuse Radiation for January 2026



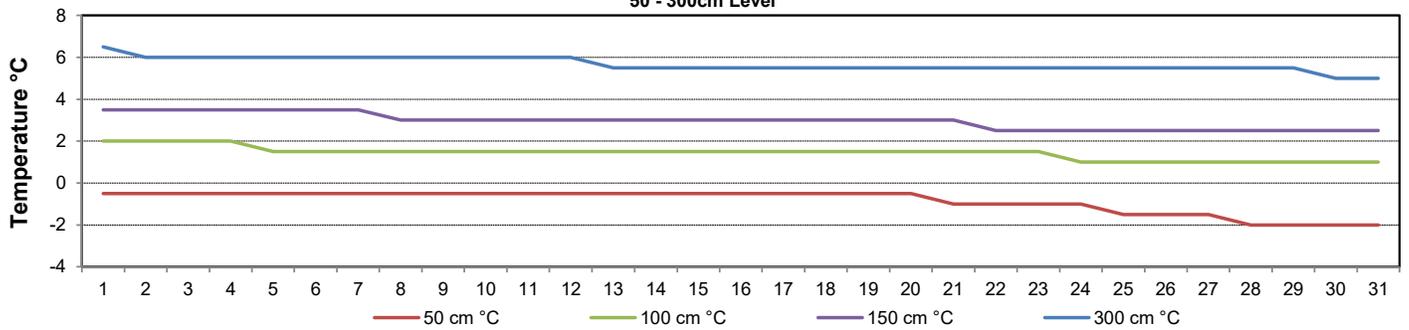
Soil Temperatures for January 2026

Surface - 20cm Level



Soil Temperatures for January 2026

50 - 300cm Level





SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

CONSERVATION LEARNING CENTRE

Saskatchewan 53.03°N 105.77°W 451m asl Estab. 2011

Preliminary **January 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 Clay Loam)																		
1	6.0	15.1	19.3	1.0	17.0	28.0																
2	2.0	8.7	13.5	1.0	17.0	28.0																
3	7.0	21.4	27.5	1.0	17.0	28.0																
4	15.0	21.6	30.6	1.0	17.0	28.0																
5	3.0	7.8	10.4	1.0	17.0	28.0																
6	1.0	3.8	5.3	1.0	17.0	28.0																
7	1.0	3.7	5.8	1.0	17.0	28.0																
8	1.0	6.0	13.7	1.0	17.0	28.0																
9	5.0	12.0	19.3	1.0	16.5	28.0																
10	3.0	14.2	21.6	1.0	16.5	28.0																
11	11.0	18.0	24.8	1.0	16.5	28.0																
12	15.0	19.9	31.0	1.0	17.0	27.5																
13	10.0	17.1	23.9	1.0	17.0	27.5																
14	13.0	19.4	27.2	1.0	17.0	27.5																
15	27.0	44.4	62.3	1.0	17.0	27.5																
16	24.0	32.9	44.0	1.0	17.0	27.5																
17	15.0	29.4	42.9	1.0	17.0	27.5																
18	16.0	35.0	46.7	1.0	17.0	27.5																
19	6.0	11.5	15.8	1.0	16.5	27.5																
20	12.0	24.2	35.6	1.0	16.5	27.5																
21	23.0	32.8	46.7	1.0	16.5	28.0																
22	11.0	16.7	23.5	1.0	16.0	27.5																
23	7.0	12.0	15.2	1.0	16.0	27.5																
24	1.0	7.8	10.1	1.0	16.0	27.0																
25	11.0	21.6	32.0	1.0	15.5	27.0																
26	17.0	26.8	38.5	1.0	15.0	26.5																
27	4.0	10.8	14.5	1.0	15.0	26.5																
28	0.0	5.2	9.7	1.0	15.0	26.0																
29	7.0	12.6	16.8	1.0	15.5	26.0																
30	16.0	23.1	31.6	1.0	15.5	25.5																
31	14.0	1.0	35.0	1.0	15.5	25.5																
Total																						
Mean				1	16	27.4																
Extreme	27.0	44.4	62.3	1	17	28																

SRC proudly recognizes the following CRS supporters:



9 am Soil Moisture (3 depths) and Daily Precipitation for January 2026

