



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

CONSERVATION LEARNING CENTRE

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

Preliminary November 2025

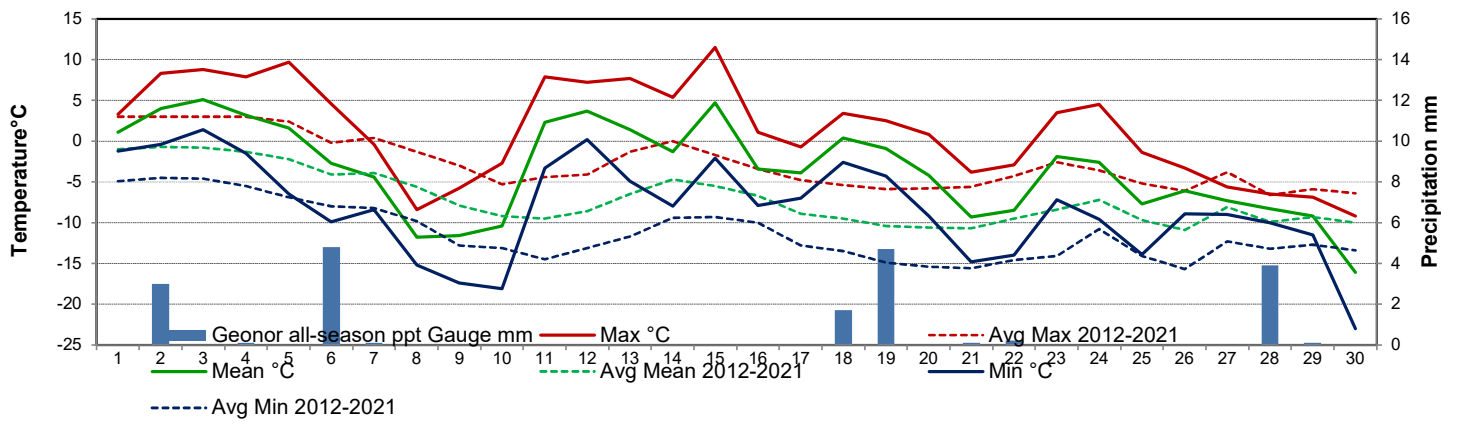
Day	Temperature						Degree-days			Precipitation			Relative Humidity		Station Pressure corrected to sea level	
	Max	Avg Max	Min	Avg Min	Mean	Avg Mean	Growing	Heating	Cooling	Geonor all-season ppt Gauge	Notes	Snow-on-Ground 0900h	Max ½ hr Avg	Min ½ hr Avg	Max ½ hr Avg	Min ½ hr Avg
	°C	2012-2021	°C	2012-2021	°C	2012-2021	5°C base	18°C base	18°C base	mm		cm	%	%	mbar	mbar
1	3.3	3.0	-1.2	-4.9	1.1	-1.0	0.0	16.9	0.0	0.0		0	99	63	1014	992
2	8.3	3.0	-0.4	-4.5	4.0	-0.7	0.0	14.0	0.0	3.0		0	100	47	1008	991
3	8.8	3.0	1.4	-4.6	5.1	-0.8	0.1	12.9	0.0	0.0		0	72	40	1011	1008
4	7.9	3.0	-1.5	-5.5	3.2	-1.3	0.0	14.8	0.0	0.1		0	89	37	1018	1011
5	9.7	2.4	-6.5	-6.9	1.6	-2.2	0.0	16.4	0.0	0.0		0	96	57	1021	1012
6	4.6	-0.2	-9.9	-8.0	-2.7	-4.1	0.0	20.7	0.0	4.8		0	98	83	1013	1004
7	-0.4	0.4	-8.4	-8.2	-4.4	-3.9	0.0	22.4	0.0	0.1		0	93	80	1016	1013
8	-8.4	-1.3	-15.2	-9.8	-11.8	-5.6	0.0	29.8	0.0	0.0		0	94	82	1032	1016
9	-5.8	-3.0	-17.4	-12.8	-11.6	-7.9	0.0	29.6	0.0	0.0		0	94	68	1034	1019
10	-2.7	-5.3	-18.1	-13.1	-10.4	-9.2	0.0	28.4	0.0	0.0		0	88	62	1018	998
11	7.9	-4.4	-3.3	-14.5	2.3	-9.5	0.0	15.7	0.0	0.0		0	78	57	1009	1003
12	7.2	-4.1	0.2	-13.1	3.7	-8.6	0.0	14.3	0.0	0.0		0	93	51	1013	1009
13	7.7	-1.3	-4.9	-11.7	1.4	-6.5	0.0	16.6	0.0	0.0		0	97	64	1013	989
14	5.4	0.0	-8.0	-9.4	-1.3	-4.7	0.0	19.3	0.0	0.0		0	90	60	1003	987
15	11.5	-1.7	-2.1	-9.3	4.7	-5.5	0.0	13.3	0.0	0.0		0	88	53	1011	1003
16	1.1	-3.4	-7.9	-10.0	-3.4	-6.7	0.0	21.4	0.0	0.0		0	99	85	1012	1010
17	-0.7	-4.8	-7.0	-12.8	-3.9	-8.9	0.0	21.9	0.0	0.0		0	99	80	1012	1008
18	3.4	-5.4	-2.6	-13.5	0.4	-9.5	0.0	17.6	0.0	1.7		0	100	85	1013	1009
19	2.5	-5.9	-4.3	-14.9	-0.9	-10.4	0.0	18.9	0.0	4.7		0	100	86	1013	1011
20	0.8	-5.8	-9.2	-15.4	-4.2	-10.6	0.0	22.2	0.0	0.0		1	98	89	1014	1012
21	-3.8	-5.6	-14.8	-15.6	-9.3	-10.7	0.0	27.3	0.0	0.1		1	98	94	1012	1004
22	-2.9	-4.3	-14.0	-14.6	-8.5	-9.5	0.0	26.5	0.0	0.2		1	94	69	1010	1005
23	3.5	-2.6	-7.2	-14.1	-1.9	-8.4	0.0	19.9	0.0	0.0		1	98	68	1012	1005
24	4.5	-3.6	-9.6	-10.8	-2.6	-7.2	0.0	20.6	0.0	0.0		1	97	81	1019	1012
25	-1.4	-5.2	-13.9	-14.1	-7.7	-9.7	0.0	25.7	0.0	0.0		1	96	83	1024	1019
26	-3.3	-6.1	-8.9	-15.7	-6.1	-10.9	0.0	24.1	0.0	0.0		1	97	87	1028	1023
27	-5.6	-3.8	-9.0	-12.3	-7.3	-8.1	0.0	25.3	0.0	0.0		1	97	83	1031	1027
28	-6.5	-6.6	-10.0	-13.2	-8.3	-9.9	0.0	26.3	0.0	3.9		2	96	81	1029	1024
29	-6.9	-5.9	-11.5	-12.7	-9.2	-9.3	0.0	27.2	0.0	0.1		3	92	74	1029	1028
30	-9.2	-6.4	-23.0	-13.4	-16.1	-10.0	0.0	34.1	0.0	0.0		5	91	87	1029	1014
Total							0.1	644.1	0.0	18.7			Extreme / Date	Extreme / Date	Extreme / Date	Extreme / Date
Avg	1.4	-2.7	-8.3	-11.3	-3.5	-7.1	Monthly 2012 - 2021 Average			24.7	2012-2021 Average					
Extreme	11.5	18.4	-23.0	-33.6			2.2	740.4	0	255.0	2023 Cumulative ppt		100	37	1034	987
Date	15	2016	30	2013						368.3	Cumulative Average		2	4	9	14

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

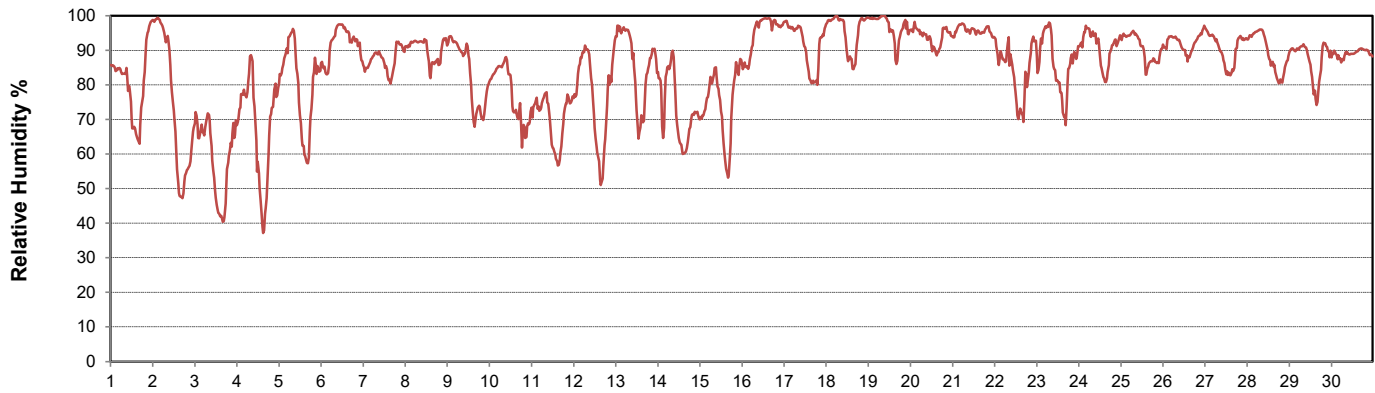
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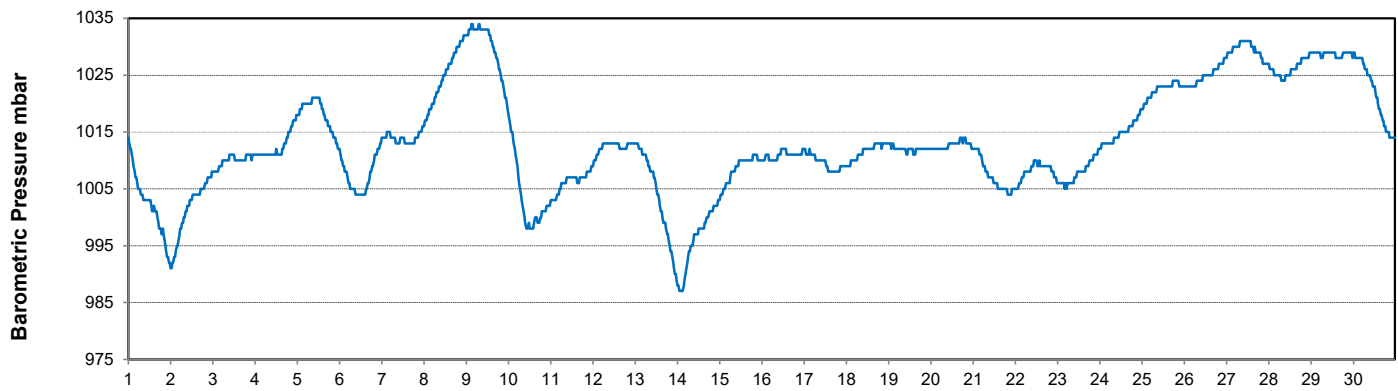
Temperature and Precipitation for November 2025



Relative Humidity for November 2025



Barometric Pressure Corrected to Sea Level for November 2025





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CONSERVATION LEARNING CENTRE

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

Preliminary

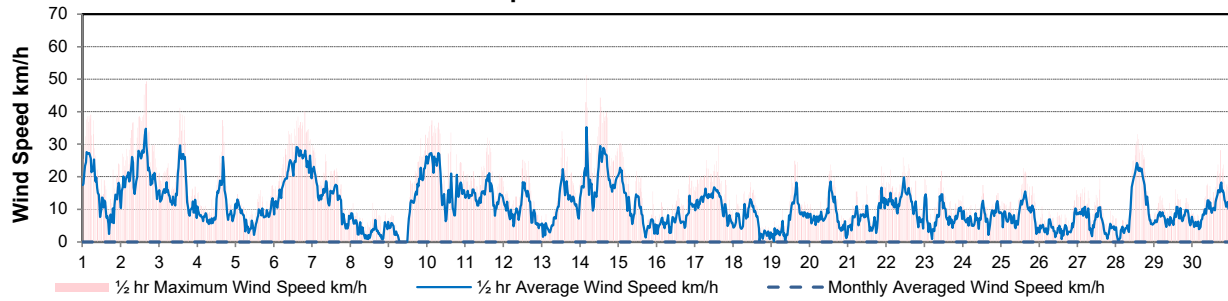
November 2025

Day	Wind Gust (10 meter)			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	28.8	SSW	19:10		0.5	2.0	2.5	4.0	5.5	7.0	8.5	8.5	0.6	9.5	6.3	3.8	2.7
2	39.1	SSE	4:33	21.3	3.5	4.0	4.0	4.5	5.5	7.0	8.5	8.5	3.0	9.5	31.7	6.7	1.1
3	51.9	W	14:58	15.5	-1.0	2.0	2.5	4.0	5.5	7.0	8.5	8.5	7.9	9.4	84.0	6.8	1.0
4	41.1	WNW	12:58	10.5	-6.5	1.0	2.0	3.0	5.5	7.0	8.0	8.5	8.9	9.3	95.4	6.5	1.0
5	37.4	W	15:23	7.9	-9.0	0.5	1.0	2.5	5.0	7.0	8.0	8.5	8.4	9.3	90.6	7.1	1.2
6	17.4	ESE	22:40	21.8	-1.5	0.5	1.0	2.0	7.0	6.5	8.0	8.5	8.6	9.2	93.4	2.0	1.9
7	40.1	NE	18:52	13.5	-10.0	0.5	1.0	2.0	4.5	6.5	8.0	8.5	0.0	9.2	0.0	4.5	4.1
8	28.9	NE	0:55	3.9	-10.0	0.0	0.5	2.0	4.0	6.5	8.0	8.5	1.0	9.1	11.0	3.2	3.1
9	12.2	NNE	0:58	9.3	-14.0	-0.5	0.5	1.5	4.0	6.0	7.5	8.5	0.0	9.0	0.0	6.2	2.2
10	36.1	S	23:14	17.7	-1.5	-0.5	0.0	1.5	3.5	6.0	7.5	8.0	6.5	9.0	72.5	4.6	1.6
11	37.3	S	2:46	14.4	-0.5	0.0	0.0	1.5	3.5	6.0	7.5	8.0	5.1	8.9	57.2	5.3	1.7
12	32.0	W	13:56	9.8	-3.0	0.0	0.5	1.5	3.5	5.5	7.5	8.0	8.0	8.9	90.3	5.5	1.1
13	27.8	W	14:46	10.3	-5.0	-0.5	0.0	1.5	3.5	5.5	7.0	8.0	8.2	8.8	93.2	4.7	2.7
14	33.9	ESE	12:18	20.1	0.0	0.0	0.0	1.0	3.0	5.5	7.0	8.0	6.0	8.7	68.6	4.0	2.1
15	51.2	NW	3:50	10.0	-6.5	-1.0	0.0	1.0	3.0	5.0	7.0	8.0	4.4	8.7	50.6	4.5	1.8
16	30.3	W	0:52	7.3	-6.5	-1.0	-0.5	1.0	3.0	5.0	7.0	8.0	6.8	8.6	78.8	1.6	1.5
17	20.4	ESE	20:06	12.2	-0.5	-0.5	-0.5	1.0	3.0	5.0	6.5	8.0	0.3	8.6	3.5	1.0	1.0
18	29.7	ESE	14:06	6.2	0.5	0.0	0.0	1.0	3.0	5.0	6.5	8.0	0.0	8.5	0.0	2.2	2.1
19	18.4	N	10:20	6.9	-1.5	0.0	0.0	1.0	2.5	5.0	6.5	8.0	0.0	8.5	0.0	0.7	0.5
20	25.8	NW	15:03	7.9	-12.0	0.0	0.0	1.0	2.5	4.5	6.5	8.0	1.9	8.4	22.5	1.3	0.7
21	23.7	NNW	12:44	8.0	-9.0	-0.5	0.0	1.0	2.5	4.5	6.5	8.0	3.2	8.4	38.2	1.2	0.7
22	23.2	WSW	20:53	11.4	-4.5	-0.5	0.0	1.0	2.5	4.5	6.5	8.0	3.6	8.3	43.2	3.8	0.9
23	25.9	SW	10:27	8.1	-3.5	-0.5	0.0	1.0	2.5	4.5	6.0	8.0	7.6	8.3	91.8	2.7	2.0
24	21.7	NW	10:30	7.7	-10.0	-1.0	0.0	1.0	2.5	4.5	6.0	8.0	2.2	8.2	26.7	4.9	1.7
25	19.1	NW	11:57	8.6	-7.0	-1.0	-0.5	0.5	2.5	4.5	6.0	7.5	6.0	8.2	73.3	1.5	1.4
26	22.7	NW	13:35	4.5	-8.0	-1.0	-0.5	0.5	2.5	4.0	6.0	7.5	0.0	8.2	0.0	1.8	1.7
27	15.9	NW	22:50	6.2	-7.5	-1.0	-0.5	0.5	2.5	4.0	6.0	7.5	0.0	8.1	0.0	2.9	2.4
28	19.5	S	13:40	11.2	-6.5	-1.0	-0.5	0.5	2.0	4.0	6.0	7.5	2.3	8.1	28.5	2.3	2.3
29	33.1	NNE	13:25	7.6	-10.5	-1.0	-0.5	0.5	2.0	4.0	5.5	7.5	0.0	8.0	0.0	3.4	1.2
30	16.2	NW	13:26	10.2	-20.0	-1.5	-1.0	0.5	2.0	4.0	5.5	7.5	4.8	8.0	60.2	3.5	1.8
Total													115.3	260.8	44.2	110.2	51.2
Mean				10.7	-5.7	-0.1	0.4	1.5	3.5	5.4	7.0	8.1					
Extreme	51.9	W	14:58														
Date	3																

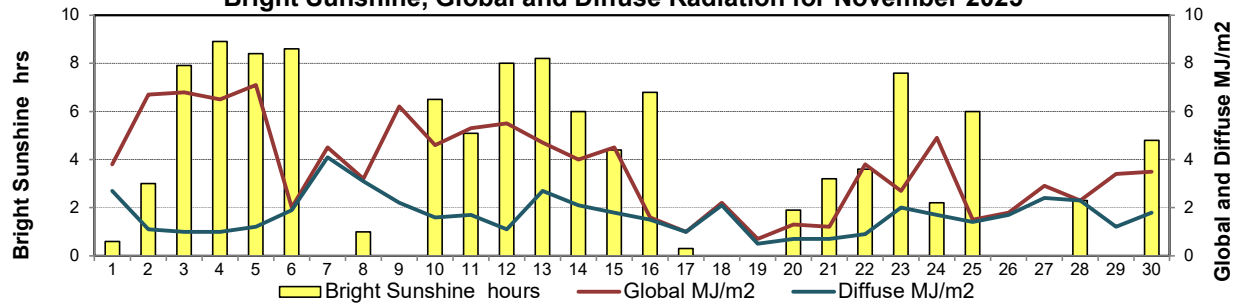
GLOSSARY OF TERMS

Degree-days	Radiation
Tm Mean Temperature	Bright Sunshine is the unobstructed direct radiation from the sun, as opposed to the shading of a location by clouds or by other atmospheric obstructions.
Growing (Tm-5°C); if Tm ≤ 5°C then GDD = 0	
Heating (18°C-Tm); if Tm ≥ 18°C then HDD = 0	
Cooling (Tm-18°C); if Tm ≤ 18°C then CDD = 0	Diffuse is radiation reaching the earth's surface after having been scattered from the direct solar beam
T Trace of Precipitation	Global is the sum of the direct solar and diffuse radiation
SOG Depth of snow-on-the-ground	Relative Humidity The ratio of the air's water vapour content to its water vapour capacity which changes with temperature.
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

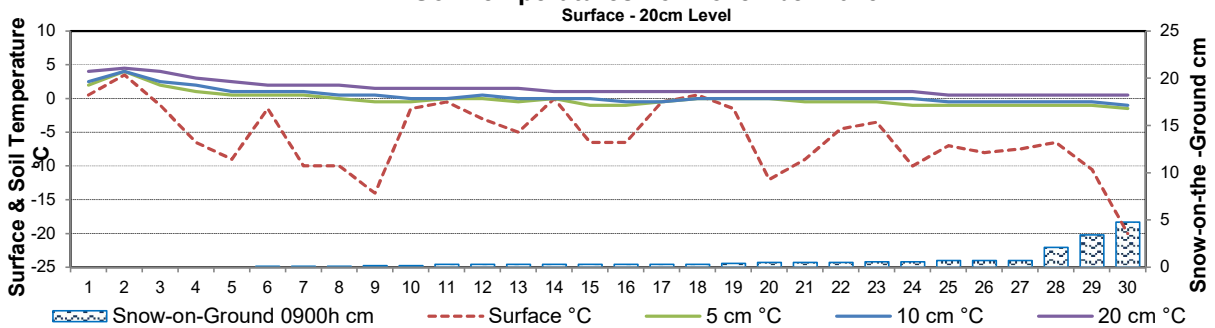
Wind Speed for November 2025



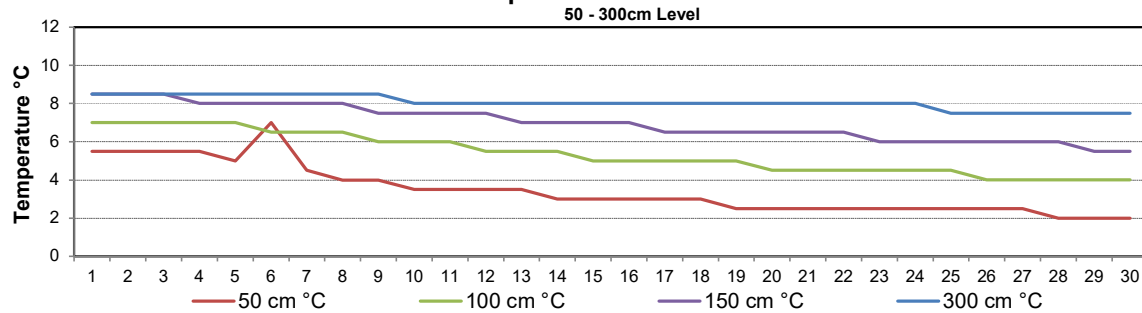
Bright Sunshine, Global and Diffuse Radiation for November 2025



Soil Temperatures for November 2025



Soil Temperatures for November 2025





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

Preliminary

November 2025

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	11.0	19.3	29.6	3.5	24.5	30.5														
2	16.0	25.7	38.1	4.0	24.5	30.5														
3	11.0	22.0	34.3	3.5	24.5	30.5														
4	4.0	18.9	25.8	3.5	25.5	30.0														
5	3.0	10.0	13.3	3.5	25.5	30.0														
6	16.0	22.5	33.3	3.0	26.0	30.0														
7	10.0	18.2	24.1	3.0	26.0	29.5														
8	2.0	6.2	11.8	3.0	26.0	30.0														
9	6.0	19.5	27.2	3.0	26.0	30.0														
10	13.0	21.4	31.8	3.0	26.0	29.5														
11	10.0	15.9	24.8	3.0	26.0	29.5														
12	6.0	13.9	22.4	3.0	26.0	29.5														
13	5.0	12.8	23.3	3.0	26.5	30.0														
14	15.0	26.1	37.5	3.0	26.5	29.0														
15	6.0	17.1	24.5	3.0	26.5	29.0														
16	3.0	8.0	14.3	3.0	26.5	29.5														
17	8.0	13.0	20.6	2.5	26.5	29.5														
18	4.0	10.9	15.4	2.5	27.0	29.5														
19	4.0	14.2	21.2	2.5	26.5	29.0														
20	4.0	14.3	18.5	2.5	27.0	29.0														
21	5.0	13.1	18.1	2.5	27.0	29.0														
22	9.0	16.0	20.8	2.5	27.0	29.5														
23	5.0	11.2	16.6	2.5	27.0	29.5														
24	5.0	10.6	15.1	2.5	27.0	29.5														
25	6.0	12.5	17.7	2.0	27.0	29.5														
26	1.0	8.7	14.3	1.5	27.0	29.5														
27	4.0	8.5	15.2	1.5	27.0	29.5														
28	8.0	18.7	25.8	1.5	27.0	29.5														
29	5.0	8.6	12.9	1.5	27.0	29.5														
30		12.9	19.1	1.5	27.0	29.5														
Total																				
Mean				3	26	29.6														
Extreme	16.0	26.1	38.1	4	27	30.5														
Date	4.5	1	4.5	4.5	1	3.5														

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