



SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

CONSERVATION LEARNING CENTRE

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

Preliminary

June 2026

Day	Temperature (HMP155A)						Degree-days			Precipitation			Relative Humidity (HMP155A)		Station Pressure <i>corrected to sea level</i>	
	Max	Avg Max	Min	Avg Min	Mean	Avg 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	2012-2021	°C	2012-2021	°C	2012-2021	5°C base	18°C base	18°C base	mm	mm		%	%	mbar	mbar
1	26.9	21.8	8.7	9.1	17.8	15.5	12.8	0.2	0.0	0.0	0.0		81	38	1017	1012
2	20.6	23.7	5.3	9.3	13.0	16.5	8.0	5.0	0.0	16.5	17.8		95	40	1018	1016
3	12.3	23.6	5.5	8.8	8.9	16.2	3.9	9.1	0.0	0.0	0.0		97	88	1016	1015
4	14.0	22.7	5.2	9.7	9.6	16.2	4.6	8.4	0.0	0.0	0.0		95	72	1015	1010
5	19.9	21.8	5.7	9.7	12.8	15.8	7.8	5.2	0.0	0.5	0.6		98	49	1010	1000
6	21.7	21.4	7.0	8.7	14.4	15.0	9.4	3.6	0.0	0.0	0.0		89	28	1005	1000
7	22.0	22.6	4.5	9.1	13.3	15.9	8.3	4.7	0.0	0.9	1.0		99	35	1004	999
8	19.2	21.9	5.7	9.4	12.5	15.7	7.5	5.5	0.0	0.0	0.0		95	36	1003	997
9	25.2	20.9	3.9	10.2	14.6	15.6	9.6	3.4	0.0	0.0	0.0		75	26	1003	997
10	16.5	19.0	9.2	8.6	12.9	13.8	7.9	5.1	0.0	3.5	3.8		91	64	1001	995
11	14.6	18.9	5.8	7.5	10.2	13.2	5.2	7.8	0.0	0.0	0.0		88	57	1007	1002
12	12.6	22.2	4.0	8.3	8.3	15.3	3.3	9.7	0.0	0.0	0.0		90	51	1013	1007
13	20.1	22.6	2.0	10.8	11.1	16.8	6.1	6.9	0.0	0.0	0.0		79	21	1021	1014
14	23.2	22.0	1.9	10.5	12.6	16.3	7.6	5.4	0.0	0.0	0.0		90	25	1021	1013
15	21.5	19.1	5.6	10.8	13.6	15.0	8.6	4.4	0.0	0.4	0.4		90	26	1014	1007
16	16.4	20.3	5.7	9.3	11.1	14.8	6.1	6.9	0.0	0.9	1.0		90	63	1006	997
17	16.7	19.1	3.5	8.4	10.1	13.8	5.1	7.9	0.0	0.4	0.4		97	51	1009	999
18	17.8	21.7	5.5	8.5	11.7	15.2	6.7	6.3	0.0	0.0	0.0		97	41	1012	1009
19	18.4	20.7	4.4	10.8	11.4	15.8	6.4	6.6	0.0	0.0	0.0		95	40	1015	1012
20	20.3	20.5	3.1	9.6	11.7	15.1	6.7	6.3	0.0	0.0	0.0		99	39	1015	1014
21	16.1	21.4	6.0	9.1	11.1	15.3	6.1	6.9	0.0	0.2	0.4		90	47	1017	1015
22	12.5	22.8	6.8	10.9	9.7	16.9	4.7	8.3	0.0	23.1	25.4		97	81	1018	1017
23	18.8	22.1	5.8	11.2	12.3	16.7	7.3	5.7	0.0	7.3	6.8		97	53	1021	1018
24	21.8	24.0	3.5	11.7	12.7	17.9	7.7	5.3	0.0	0.0	0.0		99	37	1021	1017
25	22.0	25.0	5.0	12.6	13.5	18.8	8.5	4.5	0.0	0.0	0.0		99	46	1017	1012
26	23.4	23.3	8.3	12.5	15.9	17.9	10.9	2.1	0.0	0.0	0.0		92	42	1013	1008
27	19.7	24.2	9.1	12.4	14.4	18.3	9.4	3.6	0.0	3.5	3.8		94	69	1008	1005
28	18.2	25.6	9.5	12.6	13.9	19.1	8.9	4.1	0.0	15.2	15.0		97	82	1005	1001
29	19.2	24.4	10.4	13.0	14.8	18.7	9.8	3.2	0.0	15.3	14.6		98	72	1003	1002
30	16.8	23.5	10.0	12.5	13.4	18.0	8.4	4.6	0.0	22.2	20.2		98	74	1004	1000
Total							223.3	166.7	0.0	109.9	111.2					
Avg	18.9	22.1	5.9	10.2	12.4	16.2	Monthly 2012 - 2021 Average			77.6	2012-2021 Average					
Extreme	26.9	34.7	1.9	2.0			334.8	74.0	18.8	231.4	2026 Cumulative ppt		99	21	1021	995
Date	1	2021	14	2021						177.3	Cumulative Average		7	13	13	10

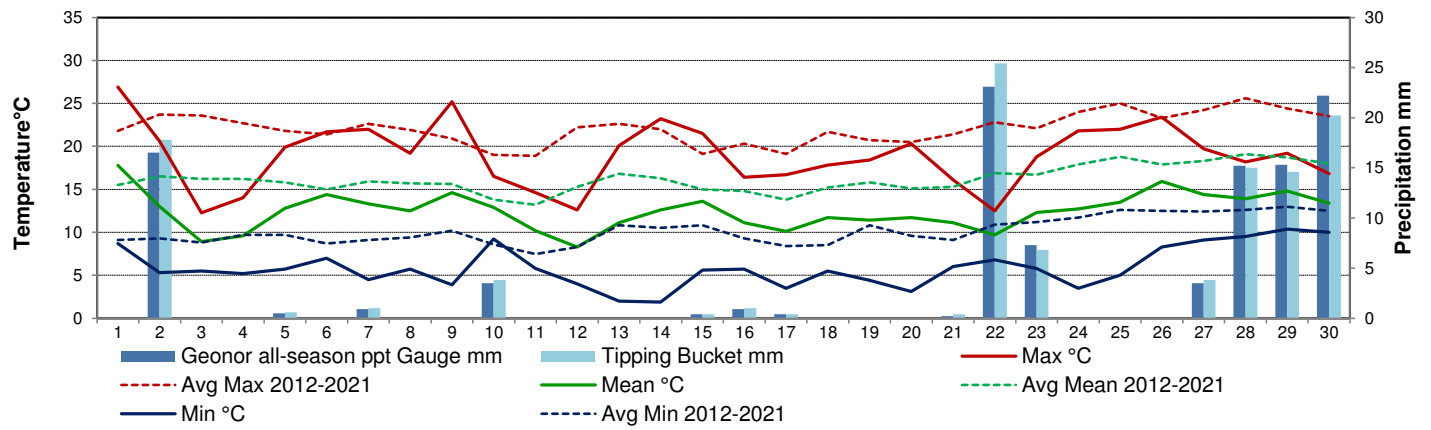
Note: Red numbers indicate manual calculation; Red cell indicate data not available

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

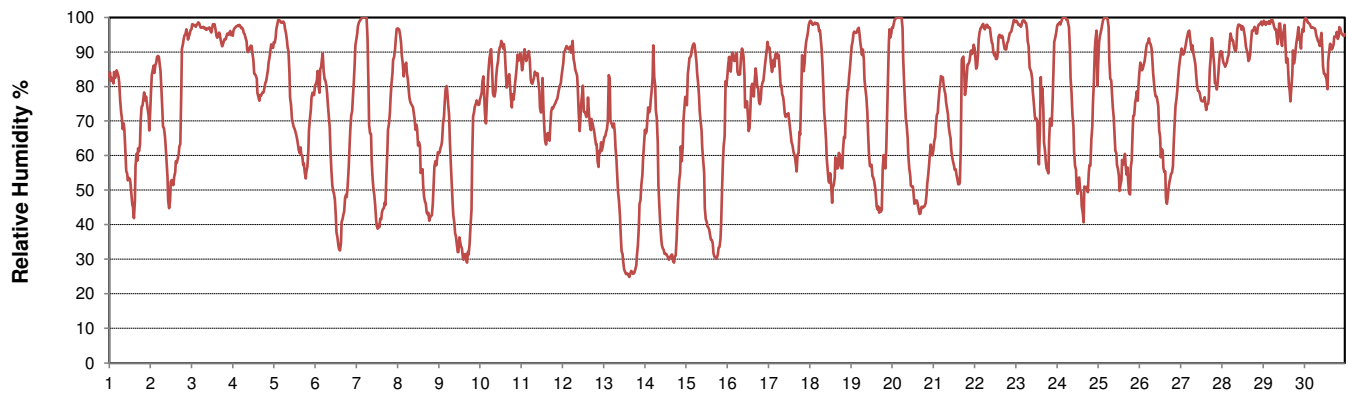
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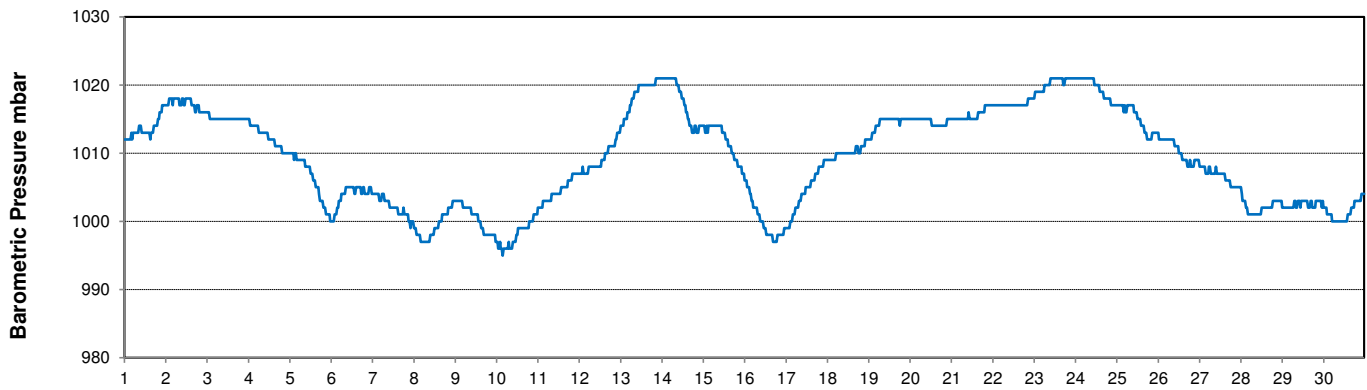
Temperature and Precipitation for June 2026



Relative Humidity for June 2026



Barometric Pressure Corrected to Sea Level for June 2026





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CONSERVATION LEARNING CENTRE

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

Preliminary

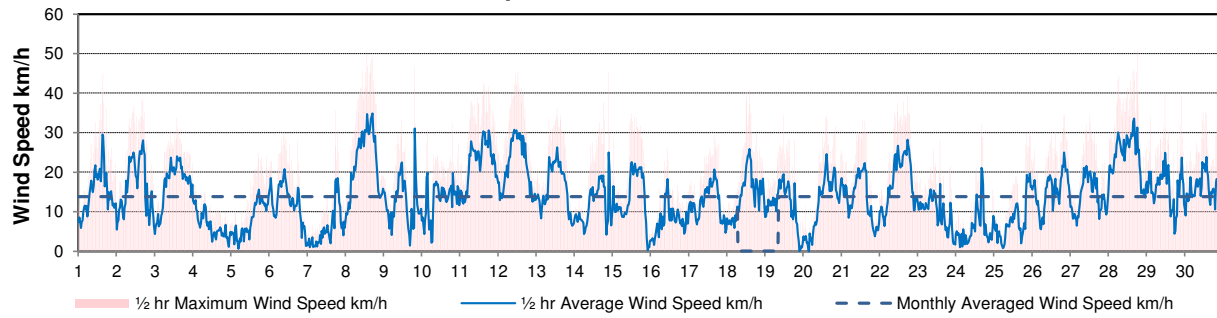
June 2026

Day	Wind Gust			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	44.9	SSE	15:35	14.7	21.5	15.5	16.5	14.0	11.5	6.5	4.0	3.0	8.0	16.6	48.2	17.8	10.4
2	38.6	ENE	16:26	16.6	17.0	14.0	15.5	13.5	11.5	7.0	4.5	3.0	8.6	16.6	51.7	16.7	8.1
3	33.7	NE	14:09	16.9	13.5	13.5	15.5	13.5	11.5	7.5	4.5	3.0	0.0	16.7	0.0	4.3	3.9
4	16.9	NE	1:22	6.5	12.0	12.0	14.0	12.0	11.0	7.5	4.5	3.0	0.7	16.7	4.2	9.4	8.3
5	24.6	ESE	17:19	8.1	13.5	13.0	14.5	12.5	11.0	7.5	5.0	3.0	6.6	16.7	39.5	17.5	11.1
6	30.0	WSW	9:27	12.1	16.5	13.5	15.0	13.0	11.0	7.5	5.0	3.0	10.1	16.8	60.3	21.6	4.6
7	35.5	W	17:45	5.6	16.5	13.5	15.0	13.0	11.5	8.0	5.5	3.5	6.5	16.8	38.7	17.1	7.4
8	49.8	SW	13:46	22.8	14.0	13.5	15.5	13.5	11.5	8.0	5.5	3.5	9.8	16.8	58.3	18.9	8.9
9	46.4	SSW	19:38	11.8	19.0	12.5	14.5	12.5	11.5	8.0	5.5	3.5	9.5	16.8	56.5	19.9	10.5
10	32.3	NW	19:35	13.2	15.0	14.5	16.0	13.5	11.5	8.5	6.0	3.5	3.8	16.8	22.6	9.5	7.3
11	43.0	NW	15:25	22.4	12.5	13.0	15.0	13.0	11.5	8.5	6.0	3.5	5.9	16.9	35.0	15.3	11.1
12	45.4	NW	12:31	21.7	10.5	11.5	13.5	12.5	11.5	8.5	6.0	3.5	1.2	16.9	7.1	10.8	9.3
13	36.1	NNW	13:13	16.1	13.5	10.5	12.5	11.5	11.0	8.5	6.0	3.5	15.6	16.9	92.4	28.3	6.8
14	45.5	NW	21:42	12.0	19.0	12.0	13.5	12.0	11.0	8.5	6.5	3.5	12.5	16.9	74.0	27.1	4.5
15	34.8	N	12:13	13.5	17.0	14.0	15.5	13.5	11.5	8.5	6.5	3.5	15.1	16.9	89.3	28.1	5.5
16	25.9	NW	10:41	7.7	14.5	14.0	16.0	13.5	12.0	8.5	6.5	3.5	0.2	16.9	1.2	8.9	7.9
17	29.5	NNW	16:23	12.5	12.5	12.5	14.5	13.0	12.0	9.0	6.5	4.0	3.5	16.9	20.7	14.9	11.7
18	40.7	WNW	14:27	14.3	15.5	13.0	14.5	12.5	11.5	9.0	6.5	4.0	8.5	16.9	50.2	21.3	10.6
19	34.4	N	11:39	11.4	14.0	13.0	15.0	13.0	12.0	9.0	7.0	4.0	10.9	16.9	64.4	21.9	8.0
20	34.3	E	14:54	11.8	17.0	13.0	15.0	13.0	12.0	9.0	7.0	4.0	13.0	16.9	76.7	26.0	7.3
21	33.2	ESE	13:58	13.6	15.0	14.0	16.0	14.0	12.0	9.0	7.0	4.0	0.8	16.9	4.7	8.8	7.9
22	39.1	E	17:48	17.9	12.0	13.0	15.0	13.0	12.0	9.5	7.0	4.0	0.0	16.9	0.0	5.3	4.7
23	28.1	N	14:17	9.4	14.5	13.0	14.0	12.5	12.0	9.0	7.0	4.0	10.0	16.9	59.1	21.2	8.5
24	32.1	NNE	16:15	5.8	15.5	13.5	15.0	13.5	12.0	9.5	7.5	4.0	12.8	16.9	75.7	27.1	6.2
25	30.4	ENE	22:41	7.7	17.5	14.5	16.0	14.5	12.5	9.5	7.5	4.0	10.6	16.9	62.6	20.5	6.8
26	34.4	E	20:57	15.3	16.5	15.0	17.0	15.0	13.0	9.5	7.5	4.0	10.3	16.9	60.9	23.6	6.2
27	34.2	ESE	12:29	13.9	18.0	16.0	17.5	15.5	13.5	10.0	7.5	4.5	4.5	16.9	26.6	10.2	8.3
28	50.8	E	18:23	24.4	17.5	16.0	17.5	15.0	13.5	10.0	7.5	4.0	1.0	16.9	5.9	6.3	5.2
29	40.1	ENE	11:46	15.5	17.0	15.5	16.5	14.5	13.5	10.0	7.5	3.5	3.2	16.9	19.0	14.3	9.7
30	35.2	N	11:34	16.2	15.5	15.5	16.5	15.0	13.5	9.5	7.5	3.5	0.0	16.9	0.0	4.4	3.9
Total													203.2	505.5	40.2	497.0	230.6
Mean					15.5	13.6	15.3	13.4	11.9	8.6	6.3	3.6					
Extreme	50.8	E	18:23	13.7													
Date	28																

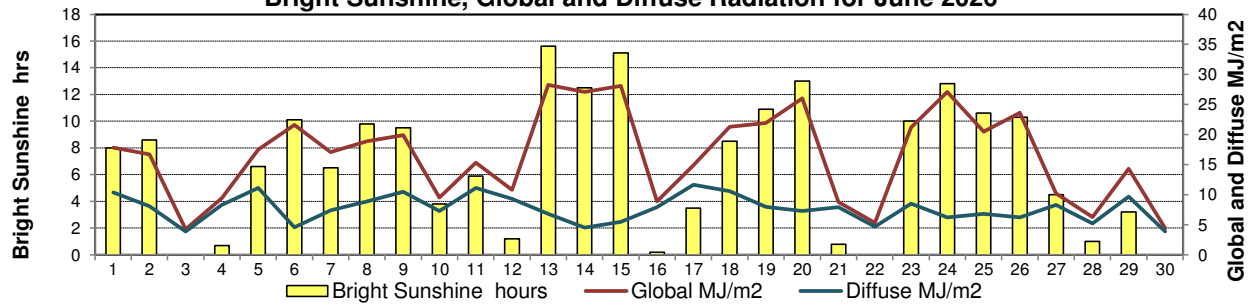
GLOSSARY OF TERMS

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	Diffuse	is radiation reaching the earth's surface after having been scattered from the direct solar beam
Heating	(18°C-Tm); if Tm ≥ 18°C then HDD = 0	Global	is the sum of the direct solar and diffuse radiation
Cooling	(Tm-18°C); if Tm ≤ 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	Air Pressure	The force exerted by the weight of a column of air above a given point
SOG	Depth of snow-on-the-ground	Wind Gust	The daily highest instantaneous value recorded irrespective of direction and/or duration
Red Cell	no data available		
Red Number	manual calculation		

Wind Speed for June 2026

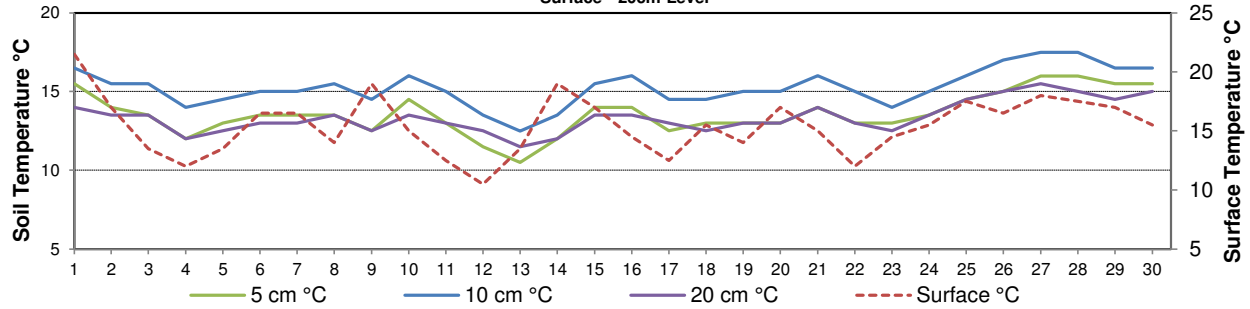


Bright Sunshine, Global and Diffuse Radiation for June 2026



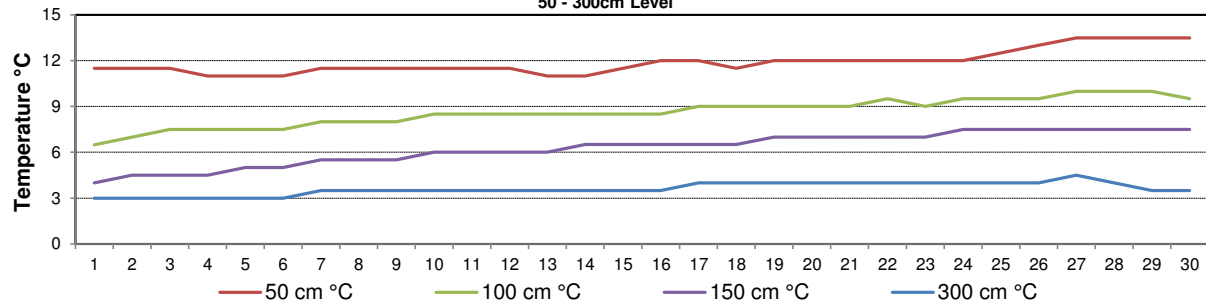
Soil Temperatures for June 2026

Surface - 20cm Level



Soil Temperatures for June 2026

50 - 300cm Level





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

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June 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	9.0	21.2	33.5	2.5	35.5	44.5							
2	11.0	20.8	31.2	2.5	35.5	44.5							
3	11.0	16.8	24.8	3.0	36.0	44.5							
4	4.0	10.1	14.7	3.0	35.5	44.5							
5	4.0	10.4	17.9	3.0	35.5	44.5							
6	9.0	16.1	25.0	3.0	35.5	44.5							
7	3.0	14.3	26.2	3.0	35.5	44.5							
8	17.0	26.6	38.3	3.0	35.5	44.5							
9	8.0	23.6	37.7	2.5	35.0	44.5							
10	9.0	15.0	25.4	2.5	35.5	44.5							
11	17.0	22.9	32.5	2.5	35.5	44.5							
12	16.0	22.8	34.4	2.5	35.0	44.5							
13	11.0	20.3	27.9	2.5	34.5	44.5							
14	7.0	17.8	34.3	2.5	35.0	44.0							
15	9.0	17.2	26.8	2.0	34.5	44.5							
16	4.0	13.7	20.6	2.0	34.5	44.5							
17	8.0	16.0	23.1	2.0	34.5	44.5							
18	10.0	19.1	30.8	2.0	34.5	44.5							
19	8.0	14.9	27.3	2.0	34.0	44.5							
20	8.0	18.6	28.1	2.0	34.0	44.5							
21	9.0	16.2	25.2	2.0	33.5	44.5							
22	13.0	20.8	30.8	2.0	33.0	44.5							
23	7.0	12.9	22.2	3.5	35.0	44.5							
24	3.0	15.9	23.7	3.5	35.0	44.5							
25	4.0	14.2	25.2	3.0	35.5	44.0							
26	10.0	17.8	24.7	3.0	35.0	45.0							
27	9.0	15.6	27.2	3.0	35.0	45.0							
28	18.0	24.2	37.9	2.5	35.0	44.5							
29	11.0	18.1	28.7	4.0	38.0	44.5							
30	11.0	17.4	27.9	4.0	39.5	47.5							
Total													
Mean				3	35	44.6							
Extreme	18.0	26.6	38.3	4	39.5	47.5							
Date	0	0	0	0	0	0							

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