

ABSTRACT FOR THE MONTH OF AUGUST, 1897.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				†Mean pressure of vapor.	Mean relative humidity.	Dew Point.	WIND.		SKY CLOUDED IN TENTHS.			Per cent. possible Sunshine.	Rainfall in inches.	Snowfall in inches.	Rain and snow melted.	DAY.
	Mean.	Max.	Min.	Range.	Mean.	Max.	Min.	Range.				General direction.	Mean velocity in miles per hour.	Mean.	Max.	Min.					
SUNDAY..... 1	.....	73.3	61.0	12.3	.....	.....	.....	.....	.....	.....	.....	N.E.	7.42	.....	.....	.....	60	0.05	.....	0.05	1.....SUNDAY
2	69.32	76.2	61.6	14.6	29.9925	30.015	29.980	.035	.5880	81.8	63.8	N.E.	5.37	3 0	6 0	57	.....	.....	.....	.....	2
3	72.60	80.6	66.0	14.6	30.0047	30.037	29.980	.057	.6293	79 0	65 7	S.W.	13.54	8 3	10 5	27	0.00	.....	0.00	.....	3
4	64.02	68.3	60.5	7.8	30.1342	30.165	30.067	.068	.4737	79 0	57 3	N.E.	9.50	8 5	10 5	11	0.11	.....	0.11	.....	4
5	67.33	75.7	58.0	17.7	30.1518	30.190	30.112	.078	.4242	64.2	54.3	N.E.	8.87	0 2	1 0	55	.....	.....	.....	.....	5
6	70.17	77.8	62.8	15.0	30.1005	30.134	30.050	.084	.4597	62.2	56.3	N.W.	11.17	2 2	6 0	76	.....	.....	.....	.....	6
7	71.00	81.5	57.4	24.1	30.0883	30.158	30.025	.133	.5127	66.8	59.2	S.W.	9.54	2 8	10 0	88	0.00	.....	0.00	.....	7
SUNDAY..... 8	.....	82.0	64.2	17.8	.....	.....	.....	.....	.....	.....	.....	S.W.	14.33	.....	.....	.....	95	.....	.....	.....	8.....SUNDAY
9	70.45	80.6	63.6	17.0	29.9143	29.907	29.864	.103	.5172	69.8	60 0	S.W.	10.54	3 7	10 0	85	.....	.....	.....	.....	9
10	67.82	77.3	58.9	18.4	29.8085	29.875	29.744	.131	.5488	81.0	61.7	N.E.	8.08	7 8	10 3	45	0.09	.....	0.09	.....	10
11	65.17	75.4	62.3	13.1	29.5870	29.693	29.514	.179	.5630	90.5	62.2	S.E.	13.00	9 3	10 6	00	0.23	.....	0.23	.....	11
12	64.65	72.7	60.1	12.6	29.6768	29.824	29.547	.277	.4337	71.7	55 2	N.W.	17.92	7 0	10 2	75	0.00	.....	0.00	.....	12
13	61.25	64.6	54.0	10.6	29.9068	29.984	29.827	.157	.4238	78.2	54 2	S.W.	12.92	6 3	10 0	39	0.00	.....	0.00	.....	13
14	64.12	69.1	58.6	10.5	29.9645	30.022	29.905	.117	.4202	70.7	54.2	N.E.	9.21	4 3	9 0	57	.....	.....	.....	.....	14
SUNDAY..... 15	.....	80.5	59.5	21.0	.....	.....	.....	.....	.....	.....	.....	S.E.	12.33	.....	.....	.....	47	0.25	.....	0.25	15.....SUNDAY
16	70.40	79.0	64.5	14.5	29.6090	29.715	29.544	.171	.5887	80.0	61.5	S.W.	15.33	6 7	10 2	55	0.22	.....	0.22	.....	16
17	59.65	63.7	57.5	6.2	29.7115	29.849	29.577	.272	.4523	88 3	56 2	S.W.	17.67	8 0	10 2	00	0.24	.....	0.24	.....	17
18	62.02	69.0	53.4	15.6	29.9108	29.929	29.874	.055	.4193	76.5	54 2	S.	12.71	4 3	10 0	61	0.00	.....	0.00	.....	18
19	61.33	67.9	56.0	11.9	29.8747	29.891	29.865	.026	.4710	85 5	57.2	S.W.	13.25	7 2	10 0	05	0.10	.....	0.10	.....	19
20	57.95	63.0	53.3	9.7	29.9402	29.920	29.846	.174	.3663	77.0	50 3	S.W.	16.58	2 2	6 0	89	0.00	.....	0.00	.....	20
21	62.00	72.0	50.1	21.9	29.9750	30.044	29.901	.143	.3857	69 8	51.8	S.W.	19.50	0 3	4 0	97	.....	.....	.....	.....	21
SUNDAY..... 22	.....	64.6	46.3	18.3	.....	.....	.....	.....	.....	.....	.....	S.W.	12.62	.....	.....	.....	25	0.03	.....	0.03	22.....SUNDAY
23	53.38	60.7	44.9	15.8	30.0583	30.136	29.991	.145	.2873	70.3	43.8	N.E.	7.91	1 0	7 0	76	.....	.....	.....	.....	23
24	54.52	59.7	48.8	10.9	29.8638	29.932	29.807	.125	.3943	91.0	52.0	N.	7.91	10 0	10 10	00	0.02	.....	0.02	.....	24
25	60.72	68.7	52.1	16.6	29.7448	29.850	29.664	.186	.5935	94.3	59.2	S.W.	10.96	8 8	10 6	11	0.54	.....	0.54	.....	25
26	60.83	67.3	55.0	12.3	29.9552	29.982	29.909	.073	.4123	77.7	53.7	S.W.	11.25	3 5	8 0	90	0.00	.....	0.00	.....	26
27	64.00	72.7	53.0	19.7	29.8165	29.962	29.715	.247	.4762	69 5	57 5	S.E.	14.17	3 7	10 0	49	0.02	.....	0.02	.....	27
28	64.63	72.1	61.3	10.8	29.8793	29.969	29.786	.183	.5140	84.2	59 5	S.W.	14.79	5 2	10 0	22	0.03	.....	0.03	.....	28
SUNDAY..... 29	.....	77.7	57.2	20.5	.....	.....	.....	.....	.....	.....	.....	S.W.	17.64	.....	.....	.....	91	.....	.....	.....	29.....SUNDAY
30	62.87	70.4	58.1	12.3	29.9132	29.926	29.896	.030	.4160	73.0	54 0	S.W.	16.58	1 2	5 0	95	0.05	.....	0.05	.....	30
31	60.18	67.5	52.3	15.2	29.9050	29.987	29.936	.051	.3643	70.5	50.2	S.W.	16.15	1 0	5 0	96	.....	.....	.....	.....	31
Means.....	63.94	71.99	57.17	14.82	29.9057	29.9714	29.8433	.1261	.4633	77.09	56.42	S. 47° 1/2 W.	12.54	4 94	8.26	1.46	55.45	1.95	.....	1.95	Sums.
23 Years means for and including this month.....	66.59	75.17	58.61	16.56	29.9399	.....	.....	.134	.4800	73.18	.....	.....	S 12.50	5.31	.....	.....	58.51	3.60	.....	3.60	{ 23 Years means for and including this month.

ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALM.
Miles.....	388	885	107	1107	664	4698	815	679	.....
Duration in hrs..	44	110	11	88	51	318	63	59	.....
Mean velocity....	8.82	8.05	9.73	12.58	13.02	14.77	12.94	11.54	.....

Greatest mileage in one hour was 27, on the 30th.

Greatest velocity in gusts 36 miles per hour on the 30th.

Resultant mileage, 4570.
Resultant direction, S. 47° 1/2 W.
Total mileage, 9343.

* Barometer readings reduced to sea-level and temperature 32° Fahrenheit.

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ 16 years only. * 11 years only.

The greatest heat was 82° on the 8th; the greatest cold was 41.9 on the 23rd, giving a range of temperature of 37° 1 degree.

Warmest day was the 3rd. Coldest day was the 23rd. Highest barometer reading was 30.190 on the 5th. Lowest barometer was 29.514 on the 11th giving a range of 0.676 inches. Maximum relative

humidity was 99 on the 25th. Minimum relative humidity was 49 on the 14th.

Rain fell on 21 days.

Auroras were observed on 2 nights on 20th and 23rd.

Lunar halo on 1 night on 7th.

Lunar Corona on 3 nights on 12th, 15th and 19th.

Thunderstorms on 5 days—on 10th, 15th, 16th, 25th and 27th.