

ABSTRACT FOR THE MONTH OF AUGUST, 1894.

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

DAY.	THERMOMETER.				BAROMETER.				† Mean pressure of vapour.	† Mean relative humidity.	Dew point.	WIND.		SKY CLOUDY IN TENTHS.			Per cent. of 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.					
1	64.75	71.2	57.6	13.6	30.0352	30.073	30.002	.071	.3633	59.8	50.2	N.	7.7	6.5	10	0	51	Inap.	.....	Inap.	1
2	65.33	71.5	60.0	11.5	29.8608	29.977	29.788	.189	.5055	79.8	58.8	S.E.	9.7	8.3	10	0	02	.....	.....	.....	2
3	69.43	79.3	61.0	18.3	29.7462	29.840	29.666	.174	.5197	71.8	59.5	S.W.	18.6	7.8	10	1	51	Inap.	.....	Inap.	3
4	60.28	65.7	56.3	9.4	29.9227	30.015	29.839	.176	.3647	70.3	50.3	S.W.	20.0	6.7	10	0	48	.....	.....	.....	4
SUNDAY.....5	.....	76.7	55.3	21.4	.....	.....	.....	.....	.....	.....	.....	S.W.	18.2	.....	.....	.....	79	.....	.....	.....	5
6	69.77	79.4	61.3	18.1	30.0412	30.122	29.907	.215	.4675	64.7	57.0	S.W.	19.0	5.0	10	0	78	.....	.....	.....	6
7	68.33	78.2	64.1	14.1	29.9470	30.001	29.884	.117	.4922	71.5	58.3	S.W.	15.3	8.0	10	0	12	Inap.	.....	Inap.	7
8	67.52	80.6	56.6	24.0	29.8623	29.903	29.813	.090	.4807	71.8	57.3	S.W.	13.0	5.5	10	0	53	0.02	.....	0.02	8
9	59.07	68.6	51.8	16.8	29.9650	30.019	29.896	.123	.3668	74.5	50.3	N.W.	17.0	6.8	10	3	60	0.59	.....	0.59	9
10	60.00	68.0	52.4	15.6	30.0720	30.104	30.037	.067	.3258	63.3	47.2	N.W.	11.7	4.2	7	0	80	0.01	.....	0.01	10
11	60.33	68.5	50.5	18.0	30.1497	30.213	30.094	.119	.3257	63.3	47.3	S.E.	5.7	1.5	4	0	80	.....	.....	.....	11
SUNDAY.....12	.....	69.1	54.2	14.9	.....	.....	.....	.....	.....	.....	.....	S.E.	10.0	.....	.....	.....	10	0.40	.....	0.40	12
13	63.08	70.0	58.0	12.0	29.9443	30.005	29.912	.093	.5148	89.5	60.0	S.	6.7	7.2	10	0	00	0.11	.....	0.11	13
14	68.25	79.5	59.2	20.3	29.9710	30.049	29.888	.161	.5572	81.8	62.0	S.	8.4	4.3	10	0	03	.....	.....	.....	14
15	64.77	70.1	59.0	11.1	29.8133	29.885	29.744	.141	.5335	86.2	60.7	N.W.	15.5	8.3	10	0	11	0.36	.....	0.36	15
16	61.80	69.5	53.8	15.7	29.9415	29.982	29.906	.076	.3243	60.3	47.2	N.W.	12.5	1.8	10	0	85	.....	.....	.....	16
17	60.47	69.5	52.2	17.3	30.0270	30.074	30.003	.071	.3040	58.8	45.2	N.	7.4	0.7	3	0	72	.....	.....	.....	17
18	61.32	69.5	52.0	17.5	29.9492	29.998	29.906	.092	.4348	79.7	54.8	S.W.	10.7	5.8	10	0	06	0.02	.....	0.02	18
SUNDAY.....19	.....	70.8	52.2	18.6	.....	.....	.....	.....	.....	.....	.....	N.	8.2	.....	.....	.....	44	Inap.	.....	Inap.	19
20	61.30	71.5	53.0	18.5	29.9272	30.026	29.866	.160	.3667	67.0	49.8	N.W.	16.4	4.8	10	0	40	0.01	.....	0.01	20
21	52.15	60.5	49.0	11.5	30.0385	30.082	29.997	.085	.2452	63.3	39.7	N.W.	20.2	3.0	7	0	85	.....	.....	.....	21
22	59.68	73.1	45.0	28.1	29.9940	30.068	29.939	.029	.3442	66.7	48.0	S.W.	24.6	5.2	10	0	38	.....	.....	.....	22
23	66.65	75.5	58.3	17.2	29.9973	30.053	29.953	.100	.4398	67.8	55.2	S.W.	22.5	3.3	10	0	53	.....	.....	.....	23
24	70.73	80.5	63.1	17.4	29.9315	29.989	29.876	.113	.5093	67.2	59.0	S.W.	21.2	5.8	10	0	44	.....	.....	.....	24
25	68.77	77.2	64.0	13.2	29.8945	29.990	29.851	.139	.5288	73.5	60.0	S.W.	20.4	6.5	10	0	89	0.05	.....	0.05	25
SUNDAY.....26	.....	64.8	44.8	20.0	.....	.....	.....	.....	.....	.....	.....	N.	12.4	.....	.....	.....	90	.....	.....	.....	26
27	54.48	60.2	45.6	14.6	30.0548	30.153	29.928	.225	.3315	78.0	47.3	S.E.	8.4	7.2	10	0	22	0.06	.....	0.06	27
28	58.77	65.8	52.4	13.4	29.9992	30.084	29.882	.202	.4102	82.2	53.7	N.W.	13.1	10.0	10	10	11	.....	.....	.....	28
29	57.83	64.2	45.9	18.3	30.0540	30.115	29.995	.120	.3320	70.2	47.5	N.	6.7	7.5	10	0	38	.....	.....	.....	29
30	58.98	66.2	53.6	12.6	29.8643	29.923	29.827	.096	.3978	80.2	52.7	N.E.	5.7	6.7	10	0	03	.....	.....	.....	30
31	62.30	72.6	53.0	29.6	29.8910	30.047	29.811	.236	.4078	73.2	53.0	S.W.	16.1	5.0	10	0	60	0.05	.....	0.05	31
..... Means	62.82	71.55	54.69	16.86	29.9591	.....	.....	.129	.4146	71.7	53.04	S. 62 1/2° W.	13.7	5.7	.....	.....	47.5	1.80	.....	1.80	Sums
20 Years means for and including this month	66.75	75.07	58.63	16.43	29.9421	.....	.....	.133	.4805	72.8	.....	.....	.....	5.4	.....	.....	54.5	.....	.....	.....	{ 20 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	1139	453	294	592	897	4612	657	1516	.....
Duration in hrs..	99	44	44	63	81	250	58	104	1
Mean velocity...	11.5	10.3	6.7	9.4	11.1	18.4	11.3	14.6	.....

Greatest mileage in one hour was 35 on the 3rd.
Greatest velocity in gusts 48 miles per hour, on the 24th.

Resultant mileage, 4454.
Resultant direction, S. 62 1/2° W.
Total mileage, 10160.

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

† Observed.

† Pressure of vapour in inches of mercury.

† Humidity relative, saturation being 100.

† 13 years only.

The greatest heat was 80.6° on the 8th; the greatest cold was 44.8° on the 20th, giving a range of temperature of 35.8 degrees.

Warmest day was the 24th. Coldest day was the 21st. Highest barometer reading was 30.213 on the

11th: lowest barometer was 29.666 on the 3rd, giving a range of 0.547 inches. Maximum relative humidity was 99 on the 14th. Minimum relative humidity was 38 on the 17th.

Rain fell on 16 days.

Auroras were observed on 1 night.

Fog on 5 days.

Earthquake on the 27th.