

# ABSTRACT FOR THE MONTH OF AUGUST, 1893.

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 CLOUDS 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	68.85	77.5	62.5	15.2	29.8132	29.942	29.760	.182	.5185	74.0	59.8	S.W.	11.6	7.5	10	6	.78	0.03	0.03	1	
2	65.12	72.5	56.0	16.5	30.0855	30.143	30.013	-.130	.3917	64.0	52.0	S.W.	15.3	4.5	9	0	.89	.....	.....	2	
3	69.17	78.3	61.0	17.3	30.0877	30.154	30.017	-.137	.4785	68.0	57.8	S.W.	15.3	3.5	7	0	.96	.....	.....	3	
4	73.07	84.5	62.0	22.5	29.9300	30.015	29.862	-.153	.5200	64.2	59.8	S.W.	14.0	0.8	5	0	.93	.....	.....	4	
5	73.25	84.0	63.2	20.8	29.8328	29.906	29.735	-.171	.5385	67.8	60.8	S.E.	12.0	3.3	10	0	.87	.....	.....	5	
SUNDAY.....6	75.0	75.0	63.0	12.0	.....	.....	.....	.....	.....	.....	.....	N.E.	5.9	.....	.....	.....	.02	0.07	0.07	6	
7	67.02	74.0	63.0	11.0	29.8287	29.862	29.795	-.067	.5607	85.2	62.3	N.W.	11.2	6.8	10	0	.25	0.29	.....	0.29	7
8	72.30	79.6	64.6	15.0	29.9610	30.022	29.924	-.098	.5252	66.3	60.3	S.W.	14.5	1.0	5	0	.91	.....	.....	8	
9	72.95	81.5	64.5	17.0	30.0768	30.113	30.045	-.065	.5517	68.8	61.5	S.W.	16.9	5.3	3	0	.93	.....	.....	9	
10	78.18	87.6	65.0	22.6	29.9812	30.058	29.888	-.170	.6450	67.0	66.0	S.	10.7	0.0	0	0	.94	.....	.....	10	
11	78.57	90.0	68.0	22.0	29.8300	29.908	29.740	-.168	.6205	65.2	65.7	S.	8.7	8.3	0	0	.86	.....	.....	11	
12	67.70	79.3	56.5	22.8	29.8433	30.029	29.757	-.272	.5523	79.7	61.2	S.W.	17.1	8.0	10	0	.00	0.08	.....	0.02	12
SUNDAY.....13	70.0	70.0	51.5	18.5	.....	.....	.....	.....	.....	.....	.....	N.	16.8	.....	.....	.....	.98	.....	.....	13	
14	66.50	75.5	55.5	20.0	30.0600	30.169	29.948	-.221	.3798	58.0	51.0	N.W.	9.6	2.7	7	0	.95	.....	.....	14	
15	67.82	75.6	58.0	17.6	29.9338	29.957	29.899	-.088	.2842	57.8	51.5	S.E.	9.9	7.3	10	0	.60	.....	.....	15	
16	64.45	72.5	57.9	14.6	29.9623	30.014	29.916	-.098	.4545	75.8	56.3	N.E.	7.6	7.8	10	4	.53	.....	.....	16	
17	63.00	71.0	54.7	16.3	29.7995	29.886	29.724	-.162	.4963	86.2	58.7	N.E.	5.7	9.8	10	9	.15	0.02	.....	0.02	17
18	61.43	68.5	58.0	10.5	29.7780	29.813	29.757	-.056	.4772	87.7	57.5	N.E.	10.8	9.8	10	9	.05	0.05	.....	0.05	18
19	62.25	68.5	56.8	11.7	29.8620	29.876	29.850	-.026	.4855	87.2	58.2	N.W.	6.2	9.7	10	8	.00	0.09	.....	0.09	19
SUNDAY.....20	72.5	72.5	60.2	12.3	.....	.....	.....	.....	.....	.....	.....	N.E.	6.3	.....	.....	.....	.29	.....	.....	20	
21	63.35	70.3	61.0	9.3	29.8628	29.960	29.791	-.169	.5287	94.3	60.5	N.E.	11.9	10.0	10	10	.00	0.71	.....	0.71	21
22	67.72	75.5	61.0	14.5	30.0268	30.122	29.895	-.227	.5180	77.9	60.2	S.W.	11.2	3.3	10	0	.76	0.05	.....	0.05	22
23	69.65	80.5	57.0	23.5	30.0305	30.116	30.034	-.132	.5048	71.8	59.2	S.E.	10.4	1.5	3	0	.89	.....	.....	23	
24	66.93	75.1	62.8	12.3	29.8002	30.000	29.523	-.577	.5825	89.7	63.2	S.	22.5	9.3	10	6	.00	2.20	.....	2.20	24
25	71.55	80.9	62.9	18.0	29.8287	29.886	29.790	-.096	.6205	82.0	65.5	W.	12.4	4.8	10	0	.49	0.02	.....	0.02	25
26	68.37	76.1	63.4	12.7	29.9900	30.008	29.945	-.063	.5103	74.3	59.3	E.	4.2	2.2	6	0	.79	.....	.....	26	
SUNDAY.....27	80.5	80.5	60.3	20.2	.....	.....	.....	.....	.....	.....	.....	E.	1.4	.....	.....	.....	.44	Inap	Inap	27	
28	70.75	80.0	65.2	14.8	29.8537	29.881	29.786	-.095	.6557	87.3	66.7	W.	3.5	7.8	10	0	.43	0.40	.....	0.40	28
29	62.03	68.0	51.5	14.5	29.5437	29.837	29.124	-.713	.5317	93.3	60.2	N.W.	22.5	10.0	10	10	.00	3.36	.....	3.36	29
30	59.77	70.0	48.0	22.0	29.9665	30.054	29.920	-.134	.3835	75.7	51.3	W.	17.6	2.7	3	0	.81	.....	.....	30	
31	60.25	66.4	56.6	9.8	30.1275	30.139	30.107	-.032	.3690	71.2	50.3	N.W.	10.2	4.0	7	0	.23	.....	.....	31	
..... Means	67.85	76.17	59.79	16.38	29.9175	.....	.....	-.166	51133	75.54	.....	S. 89° W.	11.4	5.16	.....	.....	559	7.37	.....	7.37	Sums
19 Years means for and including this month	66.96	75.25	58.89	16.41	29.9412	.....	.....	-.134	.4839	72.9	.....	.....	.....	5.4	.....	.....	551	3.52	.....	35.2	19 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 .....	705	1283	180	391	537	2707	1076	1604	.....
Duration in hrs.	63	113	37	45	71	196	91	111	17
Mean velocity...	11.2	11.3	4.9	8.7	7.6	13.8	11.8	14.5	.....

Greatest mileage in one hour was 45 on the 14th.  
 Greatest velocity in gusts 60 miles per hour, on the 24th.  
 Resultant mileage 2760.

Resultant direction, S. 89° W.  
 Total mileage, 8,535  
 Average mileage per hour 11.4 m. per hour.

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

§ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ 12 years only

The greatest heat was 90.0 on the 11th; and the greatest cold was 48.0 on the 30th, giving a range of temperature of 42.0 degrees. Warmest day was the 11th. Coldest day was the 30th. Highest barometer reading was 30.169 on the 14th; lowest barometer was 29.124 on the 22nd, giving a

range of 1.045 inches. Maximum relative humidity was 99 on the 21st and 29th. Minimum relative humidity was 37 on the 13th.

Rain fell on 15 days.

Auroras were observed on 4 nights.

Lunar halo, one the 23rd.

Thunderstorms on 3 days. Lightning without thunder on 4 nights.