

ABSTRACT FOR THE MONTH OF MAY, 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 CLOUDED 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.	Per cent.					
1	43.47	48.9	41.0	7.9	30.1173	30.210	29.970	.240	.2277	80.0	37.7	E.	16.7	10.0	10	10	00	0.15	....	0.35	1
2	42.30	45.6	39.7	5.9	29.9585	30.036	29.881	.145	.2587	96.0	41.0	N.E.	13.9	10.0	10	10	00	0.47	....	0.47	2
3	43.40	49.4	38.4	11.0	29.9697	30.021	29.924	.097	.2613	92.7	41.3	N.E.	9.3	10.0	10	10	00	0.03	....	0.03	3
4	40.52	45.3	37.2	8.1	29.5512	29.895	29.368	.527	.2480	91.7	40.0	N.E.	29.9	10.0	10	10	00	0.94	....	0.94	4
5	42.18	47.7	34.9	12.8	29.5665	29.689	29.418	.271	.2313	86.8	38.0	W.	12.3	10.0	10	10	00	0.23	....	0.23	5
6	43.53	48.7	38.2	10.5	29.8533	29.999	29.730	.269	.2177	76.8	36.5	N.	9.0	8.8	10	3	04	0.09	....	0.09	6
SUNDAY.....	.....	59.0	42.3	16.7	.....	.....	.....	.....	.....	.....	.....	N.W.	13.8	.....	.....	.....	76	.....	.....	.....	7
8	53.33	62.8	45.6	17.2	30.2175	30.261	30.178	.083	.1872	45.5	32.8	N.	10.1	4.3	10	0	80	.....	.....	.....	8
9	58.78	68.0	47.5	20.5	30.1830	30.252	30.121	.131	.2063	42.3	35.3	S.W.	19.3	7.5	10	2	67	.....	.....	.....	9
10	62.78	75.6	49.6	26.0	30.1200	30.146	30.094	.052	.2540	45.0	40.5	S.W.	29.4	2.5	10	0	96	.....	.....	.....	10
11	68.40	78.8	56.5	22.3	30.0913	30.161	29.976	.185	.3137	45.3	45.8	S.W.	22.0	0.0	00	0	91	.....	.....	.....	11
12	71.02	84.4	56.3	28.1	29.8553	29.994	29.741	.253	.3207	43.3	46.3	S.E.	13.5	3.2	10	0	86	.....	.....	.....	12
13	60.45	73.3	50.2	23.1	29.7365	29.836	29.609	.227	.3168	62.0	46.3	N.E.	22.4	7.8	10	0	24	0.01	.....	0.01	13
SUNDAY.....	.....	54.1	47.7	6.4	.....	.....	.....	.....	.....	.....	.....	N.E.	12.5	.....	.....	.....	04	0.05	.....	0.05	14
15	52.00	61.5	44.9	16.6	29.8018	29.830	29.765	.065	.3462	89.2	48.8	N.	8.1	7.0	10	0	19	0.16	.....	0.16	15
16	51.70	59.6	44.3	15.3	29.7072	29.839	29.551	.286	.3612	92.8	49.8	N.E.	13.7	10.0	10	10	00	0.05	.....	0.05	16
17	55.65	63.5	51.5	12.0	29.3253	29.472	29.245	.227	.4013	89.7	52.8	N.E.	15.9	10.0	10	10	00	0.18	.....	0.18	17
18	50.33	58.0	44.5	13.5	29.3632	29.531	29.287	.244	.3190	86.7	46.3	S.E.	9.9	10.0	10	10	00	0.23	.....	0.23	18
19	48.65	56.7	42.5	14.2	29.7753	29.943	29.570	.373	.2508	71.8	41.3	W.	16.8	7.8	10	0	22	0.04	.....	0.04	19
20	51.45	70.8	45.4	25.4	29.8933	30.029	29.727	.302	.2780	56.3	42.8	W.	18.0	5.0	10	0	95	0.01	.....	0.01	20
SUNDAY.....	.....	71.5	55.6	15.9	.....	.....	.....	.....	.....	.....	.....	S.W.	29.5	.....	.....	.....	00	.....	.....	.....	21
22	58.57	71.0	50.2	20.8	29.7602	29.841	29.696	.145	.2845	58.2	43.5	S.W.	15.2	5.5	10	0	97	.....	.....	.....	22
23	65.37	84.8	54.6	30.2	29.4700	29.578	29.349	.229	.4068	65.5	52.8	S.E.	18.9	7.7	10	0	00	0.14	.....	0.14	23
24	50.40	57.5	44.2	13.3	29.9047	29.938	29.700	.238	.2120	58.2	36.2	W.	28.8	9.0	10	5	72	.....	.....	.....	24
25	52.67	67.5	44.0	23.5	29.8538	30.005	29.665	.340	.2883	69.5	42.7	W.	21.0	3.2	10	0	58	0.31	.....	0.31	25
26	59.65	60.2	39.8	20.4	30.0245	30.071	30.001	.070	.2152	58.5	36.3	W.	13.8	7.2	10	0	72	.....	.....	.....	26
27	52.20	63.5	41.3	22.2	29.8655	30.072	29.721	.355	.2647	69.0	41.3	S.E.	10.3	6.7	10	0	45	0.07	.....	0.07	27
SUNDAY.....	.....	60.1	47.5	12.6	.....	.....	.....	.....	.....	.....	.....	W.	21.3	.....	.....	.....	53	0.11	.....	0.11	28
29	58.03	71.5	47.0	24.5	29.7688	29.831	29.731	.100	.2930	61.7	44.3	S.W.	13.4	1.7	6	0	97	.....	.....	.....	29
30	56.40	70.8	47.3	23.5	29.7915	29.866	29.756	.110	.3313	74.2	47.3	S.E.	11.7	6.3	10	0	46	0.09	.....	0.09	30
31	62.23	72.5	52.5	20.0	30.0582	30.114	29.974	.140	.4168	74.2	54.0	W.	12.8	3.5	9	0	87	.....	.....	.....	31
.....	Means	53.87	63.3	45.9	17.4	29.8364212	.2856	69.7	S. 65° W.	16.6	6.8	141.6	3.36	3.36	Sums
19 Years means for and including this month		54.34	63.57	45.37	18.20	29.9327167	.2823	65.41	6.3	50.2	2.89	2.89	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	672	2337	720	1347	445	3102	2755	943	.....
Duration in hrs..	63	129	55	92	40	147	157	59	2
Mean velocity...	10.7	18.1	13.1	14.6	11.1	21.1	17.6	16.0	.....

Greatest mileage in one hour was 48 on the 23rd.
 Greatest velocity in gusts 60 miles per hour, on the 23rd.
 Resultant mileage 2522.

Resultant direction, S. 65° W.
 Total mileage, 12,321.
 Average velocity, 16.6m. 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 84.8 on the 23rd and the greatest cold was 34.9 on the 5th, giving a range of temperature of 49.9 degrees. Warmest day was the 12th. Coldest day was the 4th High-

est barometer reading was 30.261 on the 8th; lowest barometer was 29.245 on the 17th, giving a range of 1.016 inches. Maximum relative humidity was 97 on the 2nd and 16th. Minimum relative humidity was 23 on the 12th.

Rain fell on 19 days.

Auroras were observed on 2 nights.

Solar halo on the 9th

Thunderstorm on 4 days.