

ABSTRACT FOR THE MONTH OF JUNE, 1899.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 137 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				† Mean pressure of vapor.	† Mean relative humidity.	Dew Point.	α WIND.		SKY CLOUDS 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.					
1	72.60	81.0	63.0	18.0	29.6917	29.727	29.657	.070	.5783	73.0	63.2	W.	17.62	7	10	0	63	0.00	...	0.00	1
2	66.00	73.2	61.0	12.2	29.9082	29.954	29.727	.227	.4365	68.5	54.8	W.	10.21	0.2	10	0	47	...	...	...	2
3	63.57	70.8	56.0	14.8	30.0727	30.127	29.954	.173	.3705	54.7	46.5	N.W.	9.92	4.7	10	0	52	...	...	...	3
SUNDAY.....	.....	66.0	55.0	11.0	.....	.....	.....	.....	.....	.....	.....	N.W.	2.12	.....	.....	.....	1	0.01	.....	0.01	4
5	73.87	87.0	58.5	28.5	29.7588	29.814	29.718	.096	.6228	75.8	64.8	W.	20.12	6.7	10	0	73	0.82	.....	0.82	5
6	75.90	86.7	68.6	18.1	29.7602	29.856	29.711	.145	.6158	69.7	64.7	W.	23.58	4.5	10	0	77	.....	.....	.....	6
7	62.28	71.6	55.5	16.1	29.8942	30.005	29.738	.267	.4552	81.5	56.2	S.E.	10.62	7.8	10	5	37	0.00	.....	0.00	7
8	70.58	80.3	59.5	20.8	29.6760	29.756	29.641	.115	.5580	74.7	61.3	W.	21.46	3.8	10	0	74	0.07	.....	0.07	8
9	63.82	71.9	57.5	14.4	29.8535	29.934	29.756	.178	.3413	58.2	48.2	N.W.	21.00	3.5	7	0	85	.....	.....	.....	9
10	60.50	68.1	52.2	15.9	30.0048	30.034	29.934	.100	.2830	54.7	43.3	W.	11.00	1.7	4	0	94	.....	.....	.....	10
SUNDAY.....	.....	75.0	54.2	20.8	.....	.....	.....	.....	.....	.....	.....	W.	6.75	.....	.....	.....	100	.....	.....	.....	11
12	68.00	79.6	55.0	24.6	29.0538	30.063	29.875	.188	.4855	69.8	57.3	S.E.	4.62	4.0	10	0	57	0.01	.....	0.01	12
13	76.43	86.9	64.0	22.9	29.8618	29.942	29.787	.155	.6590	73.2	66.8	W.	15.83	2.0	7	0	59	.....	.....	.....	13
14	71.48	78.5	64.7	13.8	29.8837	29.943	29.799	.144	.5800	74.5	61.8	S.E.	16.58	8.8	10	7	42	0.00	.....	0.00	14
15	59.70	64.8	57.3	7.5	29.7728	29.908	29.741	.167	.4818	94.0	57.8	S.E.	6.66	10.0	10	10	0	28	.....	0.28	15
16	56.05	60.2	52.3	7.9	29.9697	30.066	29.754	.312	.3912	86.7	52.0	W.	15.25	8.2	10	0	3	0.29	.....	0.29	16
17	65.53	76.7	52.2	24.5	30.1042	30.132	30.066	.066	.4013	64.2	52.8	W.	6.50	1.5	7	0	87	0.02	.....	0.02	17
SUNDAY.....	.....	79.2	59.3	19.9	.....	.....	.....	.....	.....	.....	.....	W.	10.75	.....	.....	.....	89	.....	.....	.....	18
19	67.10	76.5	60.0	16.5	29.8762	29.921	29.834	.087	.4535	69.5	56.2	N.W.	8.08	3.7	9	0	81	0.05	.....	0.05	19
20	66.80	80.5	60.0	20.5	29.6325	29.849	29.491	.358	.4833	73.3	57.8	S.W.	16.37	7.0	10	0	50	0.53	.....	0.53	20
21	61.78	68.9	55.3	13.6	29.8730	30.134	29.045	.489	.3763	68.0	51.3	N.W.	19.50	4.7	9	0	62	0.11	.....	0.11	21
22	62.03	70.7	51.0	19.7	30.1813	30.227	30.134	.093	.3780	68.2	51.3	N.	4.21	5.0	10	0	46	.....	.....	.....	22
23	67.68	79.8	56.6	23.2	29.9977	30.160	29.918	.242	.5073	74.7	59.7	S.W.	10.21	7.7	10	0	50	0.02	.....	0.02	23
24	72.27	81.0	62.0	19.0	29.9970	30.063	29.945	.118	.4430	56.8	55.3	S.W.	19.21	2.8	8	0	93	.....	.....	.....	24
SUNDAY.....	.....	78.5	61.2	17.3	.....	.....	.....	.....	.....	.....	.....	S.W.	13.17	.....	.....	.....	91	0.00	.....	0.00	25
26	64.93	72.9	57.3	15.6	30.0832	30.135	30.045	.090	.3645	60.0	50.2	S.W.	10.21	1.5	4	0	92	.....	.....	.....	26
27	63.53	71.6	52.5	19.1	30.0580	30.089	30.028	.061	.3600	62.5	50.0	S.W.	10.37	5.7	10	1	74	.....	.....	.....	27
28	50.15	59.9	53.0	6.9	29.9742	30.060	29.942	.118	.3790	84.2	51.2	N.	6.21	7.2	10	0	03	0.25	.....	0.25	28
29	63.58	72.9	53.0	19.9	29.9673	30.111	29.881	.230	.2798	49.2	42.7	S.W.	18.87	3.7	9	0	96	.....	.....	.....	29
30	63.03	73.2	53.2	20.0	30.1098	30.140	30.073	.067	.2737	46.8	42.2	S.W.	16.83	0.3	3	0	99	.....	.....	.....	30
Means	65.97	74.79	57.36	17.43	29.9175	30.0058	29.8382	.1675	.4426	68.71	54.63	S 86½ W.	12.79	4.99	8.73	0.85	63.73	2.46	.....	2.46	..... Sums.
25 Years means for and including this month	64.89	73.63	56.37	17.26	29.9066	.....	.....	.1530	.4359	69.98	.....	...	S 13.03	5.59	.....	.....	53.85	3.558	.....	3.558	{ 25 Years means for and including this month.

α ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALM.
Miles	376	71	....	871	272	2196	3069	2354	.....
Duration in hrs..	53	17	....	5	31	141	203	135	46
Mean velocity....	7.09	4.18	....	9.27	8.77	15.57	15.12	17.44	.....

Greatest mileage in one hour was 38, on the 8th. Total mileage, 9,209. A wind records from the 1st to the 19th are from the City Hall.

Resultant mileage, 5630
Resultant direction, S. 86½° W.

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

† Observed.
‡ Pressure of vapour in inches of mercury.
§ Humidity relative, saturation being 100.
¶ 18 years only. * 13 years only.

The greatest heat was 87° on the 5th; the greatest cold was 51° on the 22nd, giving a range of temperature of 36.0 degrees.

Warmest day was the 5th. Coldest day was the 16th. Highest barometer reading was 30.227 on the 22nd. Lowest barometer was 29.431 on the 20th, giving a range of 0.736 inches. Maximum rela-

tive humidity was 99 on the 8th. Minimum relative humidity was 30 on the 29th.

Rain fell on 16 days.

Auroras were observed on 2 nights.
Lunar coronas on the 16th, 18th and 24th.
Fog on 1 day.
Thunderstorms on the 5th, 20th and 23rd.