

ABSTRACT FOR THE MONTH OF JUNE, 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 CLOUDY IN TRNTHS.			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	51.45	60.1	46.0	14.1	29.8513	30.008	29.791	.217	.2393	61.8	30.0	N.W.	21.04	4.5	10	0	43	....	....	....	1
2	53.35	61.2	41.5	19.7	30.0728	30.131	30.029	.102	.2147	52.0	30.0	W.	16.71	4.7	10	0	70	....	....	....	2
3	50.77	52.7	49.8	2.9	29.8150	29.991	29.733	.258	.3358	90.7	48.0	N.E.	10.32	10.0	10	10	0	0.36	....	0.36	3
4	58.73	69.4	49.0	20.4	29.7848	29.824	29.763	.061	.3933	80.3	52.5	W.	16.46	6.8	10	0	41	0.01	....	0.01	4
5	60.43	68.7	53.0	15.7	29.8928	29.932	29.873	.059	.3728	71.8	51.0	S.W.	8.68	6.2	10	0	48	....	....	....	5
SUNDAY.....	6	.....	75.0	53.0	.....	.....	.....	.....	.....	.....	.....	S.W.	7.12	.....	.....	.....	91	....	....	....	6
7	61.95	70.6	52.8	17.8	30.1538	30.187	30.116	.071	.4013	73.3	53.0	S.E.	12.37	5.3	10	0	39	....	....	....	SUNDAY
8	57.38	61.8	51.0	10.8	30.1968	30.215	30.184	.031	.3370	71.5	48.2	S.E.	14.12	8.8	10	5	12	0.00	....	0.00	7
9	54.77	57.4	52.8	4.6	30.1475	30.207	30.068	.139	.3920	90.8	52.3	S.E.	7.20	10.0	10	10	0	0.35	....	0.35	8
10	57.45	66.4	52.0	14.4	30.0120	30.048	29.980	.068	.4212	89.5	54.2	N.E.	10.62	8.2	10	0	3	0.24	....	0.24	9
11	65.98	77.1	52.1	25.0	29.8477	29.989	29.736	.253	.4562	72.2	56.2	S.W.	12.21	4.0	10	0	71	....	....	....	10
12	63.18	73.0	57.3	15.7	29.6732	29.753	29.612	.141	.4413	77.7	55.3	S.W.	14.79	7.7	10	2	50	0.02	....	0.02	11
SUNDAY.....	13	.....	65.0	53.7	.....	.....	.....	.....	.....	.....	.....	S.W.	14.04	.....	.....	.....	22	0.21	....	0.21	12
14	59.65	67.8	53.0	14.8	29.7880	29.848	29.754	.094	.4092	80.8	53.2	N.	7.33	6.5	10	0	31	0.00	....	0.00	SUNDAY
15	67.00	77.8	52.9	24.9	29.7120	29.813	29.754	.094	.4720	72.0	57.3	N.W.	12.67	2.7	7	0	78	0.00	....	0.00	13
16	64.23	72.1	56.0	16.1	29.8190	29.890	20.776	.094	.3275	54.3	47.2	N.W.	13.71	3.3	7	0	85	0.00	....	0.00	14
17	63.82	71.8	56.8	15.0	29.8468	29.908	29.775	.133	.3420	57.8	48.3	N.W.	7.07	4.0	8	0	59	....	....	....	15
18	66.45	77.1	57.0	20.1	29.8445	29.926	29.786	.140	.3448	53.8	48.8	N.W.	9.92	1.5	5	0	91	....	....	....	16
19	65.83	75.3	53.5	21.8	29.8848	30.034	29.685	.319	.3807	60.2	51.2	S.W.	6.30	5.7	10	0	47	....	....	....	17
SUNDAY.....	20	.....	63.0	48.1	.....	.....	.....	.....	.....	.....	.....	N.W.	16.25	.....	.....	.....	56	0.03	....	0.03	18
21	53.28	59.3	44.6	14.7	29.7047	29.748	29.671	.077	.3032	74.3	45.2	S.W.	23.05	7.2	10	0	36	0.09	....	0.09	SUNDAY
22	62.49	72.6	51.0	21.6	29.7627	29.784	29.741	.043	.3427	62.0	48.7	S.W.	25.42	3.3	10	0	69	0.00	....	0.00	19
23	60.35	81.6	54.0	27.6	29.8073	29.848	29.769	.079	.4568	64.3	56.2	S.W.	19.17	3.0	10	0	85	0.03	....	0.03	20
24	60.65	76.2	65.5	10.7	29.7958	29.844	29.716	.128	.6237	86.0	65.0	S.W.	11.46	8.0	10	5	18	1.01	....	1.01	21
25	69.10	77.2	62.1	15.1	20.7057	29.776	29.670	.106	.5070	71.3	59.0	S.W.	18.71	5.7	10	0	74	0.00	....	0.00	22
26	57.58	63.2	52.8	10.4	29.9357	30.013	29.857	.156	.2560	54.0	40.8	N.W.	19.12	4.3	9	0	54	....	....	....	23
SUNDAY.....	27	.....	69.3	51.4	.....	.....	.....	.....	.....	.....	.....	W.	18.42	.....	.....	.....	82	0.00	....	0.00	24
28	63.43	72.2	55.5	16.7	30.0000	30.046	29.961	.085	.4092	70.0	53.2	S.W.	16.33	2.8	6	0	68	0.13	....	0.13	SUNDAY
29	63.50	71.6	52.7	18.9	29.9972	30.107	29.828	.279	.3968	68.2	52.2	N.E.	8.92	6.2	10	0	49	0.05	....	0.05	25
30	60.77	66.1	58.0	8.1	29.7407	29.780	29.679	.101	.5017	94.2	59.2	W.	7.80	8.8	10	3	0	0.63	....	0.63	26
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
Means.....	61.21	69.08	52.96	16.12	29.8766	29.9462	29.8137	.1325	.3877	71.38	51.20	S 77° W	13.60	5.39	9.3	1.3	49.3	3.76	....	3.76	.....
23 Years means for and including this month.....	64.41	73.61	56.31	17.29	29.9047	.....	.....	.150	.4341	69.8	.....	S 13.17	5.6	.....	.....	.....	53.5	3.52	....	3.52	{ 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.....	304	709	155	889	128	3822	1469	2315	
Duration in hrs..	36	73	22	81	14	251	90	153	
Mean velocity....	8.45	9.71	7.05	10.98	9.14	15.22	16.31	15.13	

Greatest mileage in one hour was 30, on the 4th, 21st and 22nd.

Greatest velocity in gusts 36 miles per hour on the 4th and 22nd.

Resultant mileage, 4633.
Resultant direction, S. 77° W.
Total mileage, 9791.
Average mileage per hour, 13.60.

* 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 81°C on the 23rd; the greatest cold was 41.0° on the 2nd, giving a range of temperature of 40.1 degrees.

Warmest day was the 24th. Coldest day was the 3rd. Highest barometer reading was 30.215 on the 8th. Lowest barometer was 29.604 on the 15th giving a range of 0.611 inches. Maximum relative

humidity was 99 on the 30th. Minimum relative humidity was 37 on the 18th.

Rain fell on 20 days.

Auroras were observed on 1 night, on the 15th.

Lunar halo on the 11th.

Fog on 3 days—4th, 11th and 30th.

Thunderstorms on 13th, 24th and 28th.