

# ABSTRACT FOR THE MONTH OF MAY, 1897.

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.			Percent 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	52.58	64.4	41.5	22.9	30.0447	30.061	30.024	.037	.3305	82.3	47.2	N.	12.63	5.0	10	0	25	0.04	....	0.04	1
SUNDAY.....2	.....	60.3	43.0	17.3	.....	.....	.....	.....	.....	.....	.....	N.E.	15.17	.....	.....	00	0.08	....	0.08	2	
3	52.25	60.3	48.5	11.8	29.7968	29.824	29.744	.080	.3583	91.5	49.8	N.E.	14.67	8.5	10	6	18	0.19	....	0.19	3
4	52.28	61.5	45.4	16.1	29.8487	29.913	29.814	.099	.3228	82.7	46.7	N.E.	11.04	6.7	10	0	19	0.03	....	0.03	4
5	57.75	70.3	44.4	25.9	29.9730	30.050	29.915	.135	.3072	61.8	44.2	N.E.	11.09	4.3	10	0	60	....	....	....	5
6	47.75	57.3	40.0	17.3	30.1175	30.176	30.069	.107	.1235	36.5	22.7	N.E.	17.59	0.7	4	0	95	....	....	....	6
7	44.35	54.5	33.3	21.0	30.1895	30.280	30.147	.133	.1432	48.3	25.8	N.	19.92	0.7	2	0	97	....	....	....	7
8	49.03	57.3	33.9	23.4	30.2742	30.395	30.132	.263	.1695	49.2	29.8	S.W.	12.17	4.5	10	0	82	....	....	....	8
SUNDAY.....9	.....	69.0	47.0	22.0	.....	.....	.....	.....	.....	.....	.....	S.W.	13.92	.....	.....	45	0.27	....	0.27	9	
10	45.82	54.4	46.0	8.4	29.6992	29.781	29.658	.123	.3210	93.3	46.8	N.E.	8.79	9.5	10	0	02	0.05	....	0.05	10
11	58.42	71.5	44.2	27.3	29.8437	29.897	29.802	.095	.3282	69.0	47.3	S.W.	10.38	5.8	10	0	80	Inap.	....	Inap.	11
12	59.35	64.3	55.6	8.7	29.6970	29.820	29.620	.200	.4360	86.2	54.8	S.	16.21	9.5	10	8	00	0.25	....	0.25	12
13	58.70	64.7	51.8	12.9	29.7623	29.817	29.722	.095	.3925	80.5	52.2	S.W.	18.54	7.8	10	0	02	Inap.	....	Inap.	13
14	58.62	72.1	49.0	23.1	29.7457	29.843	29.610	.233	.3967	83.0	52.5	S.W.	10.38	8.8	10	5	45	0.54	....	0.54	14
15	52.23	59.0	47.6	11.4	29.9743	30.132	29.791	.341	.2700	69.7	42.5	S.W.	21.09	4.0	10	0	85	0.06	....	0.06	15
SUNDAY.....16	.....	63.3	42.2	21.1	.....	.....	.....	.....	.....	.....	.....	N.W.	7.42	.....	.....	96	....	....	....	16	
17	57.15	67.8	44.7	23.1	30.1755	30.246	30.113	.133	.2713	58.0	42.0	W.	8.25	0.8	2	0	97	....	....	....	17
18	58.93	70.3	48.0	22.3	30.0415	30.160	29.929	.231	.2707	59.2	41.3	S.W.	10.83	3.5	8	0	67	0.02	....	0.02	18
19	48.00	56.2	36.5	20.7	30.2528	30.351	30.121	.230	.1868	54.8	32.5	S.W.	14.75	3.7	10	0	77	....	....	....	19
20	50.50	55.6	46.0	9.6	29.7963	30.073	29.510	.563	.3447	93.0	48.5	N.E.	13.79	10.0	10	10	00	0.39	....	0.39	20
21	50.87	59.1	43.5	15.6	29.6577	29.842	29.475	.367	.3265	85.0	46.7	S.W.	18.25	7.2	10	0	00	0.26	....	0.26	21
22	54.08	65.2	39.8	25.4	29.8460	29.894	29.795	.099	.2195	52.7	36.5	S.W.	17.08	0.5	3	0	92	....	....	....	22
SUNDAY.....23	.....	69.4	47.5	21.9	.....	.....	.....	.....	.....	.....	.....	S.	15.12	.....	.....	04	0.29	....	0.29	23	
24	61.22	70.4	55.2	15.2	29.8285	29.938	29.768	.170	.4130	77.0	53.3	W.	14.46	7.5	10	0	59	0.04	....	0.04	24
25	45.62	51.1	41.8	9.3	30.0870	30.180	30.024	.156	.2532	82.2	40.5	N.	20.88	8.3	10	0	00	0.43	....	0.43	25
26	51.78	60.6	42.4	18.2	30.2082	30.247	30.165	.082	.2383	62.8	38.8	N.E.	8.00	5.5	10	0	74	Inap.	....	Inap.	26
27	50.00	56.2	42.8	13.4	30.0108	30.171	29.842	.329	.2923	80.5	44.0	N.	12.29	10.0	10	10	00	0.09	....	0.09	27
28	52.43	54.5	49.8	4.7	29.6657	29.762	29.583	.179	.3800	95.8	51.3	N.	8.54	10.0	10	10	00	0.71	....	0.71	28
29	53.38	56.8	50.5	6.3	29.6105	29.682	29.575	.107	.3698	90.5	50.7	S.W.	18.54	9.0	10	5	01	Inap.	....	Inap.	29
SUNDAY.....30	.....	68.5	50.0	18.5	.....	.....	.....	.....	.....	.....	.....	S.W.	16.04	.....	.....	69	....	....	....	30	
31	54.85	60.7	48.7	12.0	29.7528	29.797	29.729	.068	.2940	67.8	44.0	S.W.	22.38	4.0	10	0	69	Inap.	....	Inap.	31
Means .....	53.11	62.15	45.16	16.99	29.9192	30.0128	29.8338	.1790	.2984	72.55	43.55	S. 67 1/2 ° W	14.68	6.07	8.8	2.3	43.8	3.74	....	3.74	..... Sums.
23 Years means for and including this month .....	54.67	64.02	45.73	18.73	29.9339	.....	.....	.170	.2891	66.0	...	.....	14.52	6.2	...	...	50.6	2.98	....	2.98	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 .....	1395	2009	164	678	915	4148	776	837	.....
Duration in hrs..	92	148	23	57	66	233	56	69	.....
Mean velocity....	15.16	13.57	7.13	11.89	13.86	17.80	13.86	12.13	.....

Greatest mileage in one hour was 33 on the 30th.  
Greatest velocity in gusts, 40 miles per hour on the 15th.

Resultant mileage, 2419.  
Resultant direction, S. 67 1/2 ° W.  
Total mileage, 10922.  
Average 14.68 miles per hour.

\*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 72° 1 on the 14th; the greatest cold was 33° 8 on the 7th, giving a range of temperature of 38.3 degrees.

Warmest day was the 24th. Coldest day was the 7th. Highest barometer reading was 30.395

on the 8th. Lowest barometer was 29.475 on the 21st, giving a range of .920 inches. Maximum relative humidity was 100 on the 4th.

Minimum relative humidity was 27 on the 6th.

Rain or snow fell on 19 days.

Aurora was observed on 1 night; lunar halo on 1 night; lunar corona on 1 night.

Thunder storms on the 20th.

Earthquake shocks on the 27th.