

# ABSTRACT FOR THE MONTH OF MARCH, 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 CLOUDED 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	6.45	21.7	-9.7	31.4	30.1878	30.839	29.947	.892	.0583	88.5	3.7	S. E.	16.83	7.3	10	0	25	....	1.4	....	1
2	20.48	32.3	16.0	16.3	30.2336	30.334	29.982	.352	.0858	75.7	14.3	S. W.	11.79	7.7	10	0	71	....	2.5	....	2
3	19.53	26.7	11.5	15.2	29.7675	30.063	29.579	.484	.0998	93.2	17.8	N. E.	11.33	8.3	10	0	00	.29	1.7	.46	3
4	20.33	26.1	14.5	11.6	30.2385	30.391	30.036	.355	.0883	80.5	15.3	S. W.	18.42	1.5	8	0	90	....	....	....	4
5	27.20	35.3	13.2	22.1	29.8980	30.328	29.497	.831	.1328	84.2	23.2	S. E.	21.25	8.3	10	0	03	.22	0.3	.25	5
6	19.13	42.0	12.8	29.2	30.3308	30.706	29.651	1.055	.0820	69.3	10.8	N. W.	18.00	3	5	0	97	.02	....	.02	6
SUNDAY	.....	14.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. E.	5.04	.....	.....	.....	98	....	....	....	7
8	13.70	21.3	2.0	19.3	30.4502	30.646	30.266	.386	.0762	87.2	10.8	N. E.	7.71	3.0	10	0	94	....	2.5	.25	8
9	29.20	34.9	19.9	15.0	30.0225	30.209	29.782	.427	.1458	89.3	26.5	N. E.	6.58	10.0	10	10	00	.32	0.0	.32	9
10	35.57	39.8	32.0	7.8	29.8957	29.765	29.470	.295	.1975	94.7	34.3	S. W.	22.42	6.7	10	0	07	.27	....	.27	10
11	31.47	36.0	27.1	8.9	29.8967	30.006	29.834	.172	.1468	82.7	20.8	S. W.	22.67	2.5	7	0	88	....	0.0	.00	11
12	33.22	39.7	24.8	14.9	29.6137	29.978	29.377	.601	.1653	86.8	33.7	S. W.	22.25	7.8	10	0	06	.16	1.6	.32	12
13	11.97	21.0	5.5	15.5	30.1283	30.429	29.660	.769	.0597	78.8	6.0	W.	30.08	2.7	10	0	96	....	....	....	13
SUNDAY	.....	29.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. E.	23.84	.....	.....	.....	00	....	6.0	.50	14
15	13.28	17.7	7.3	9.9	30.2373	30.380	30.047	.333	.0630	77.8	8.0	S. W.	28.50	0.0	0	0	98	....	....	....	15
16	7.92	13.5	1.1	12.4	30.5850	30.629	30.488	.141	.0468	77.0	1.8	W.	19.48	0.0	0	0	98	....	....	....	16
17	17.40	26.4	7.0	19.4	30.4258	30.553	30.286	.267	.0815	81.3	13.7	S. W.	16.16	4.0	10	0	35	....	0.0	.00	17
18	25.20	31.0	13.0	18.6	30.0225	30.243	29.830	.413	.1142	80.5	20.3	N.	8.54	8.0	10	0	26	....	....	....	18
19	34.33	39.0	31.0	8.0	29.7495	29.816	29.665	.151	.1817	91.3	32.0	S.	6.25	10.0	10	10	00	....	....	.04	19
20	35.20	38.0	32.0	6.0	29.5607	29.587	29.547	.040	.1938	94.2	33.7	N. E.	15.83	10.0	10	10	00	....	....	.40	20
SUNDAY	.....	40.2	35.5	4.7	.....	.....	.....	.....	.....	.....	.....	S. W.	22.50	.....	.....	.....	00	.03	....	.03	21
22	37.48	42.0	34.0	8.0	29.8865	29.941	29.800	.112	.1860	81.8	32.8	S. W.	13.45	8.2	10	2	08	.02	....	.00	22
23	38.35	41.8	35.9	5.9	29.8410	29.892	29.756	.136	.1652	70.8	29.7	N. E.	7.92	9.7	10	5	28	....	....	....	23
24	31.70	33.5	29.8	3.7	29.3373	29.640	29.124	.516	.1640	91.7	29.5	N. E.	19.04	10.0	10	10	00	.04	3.9	.41	24
25	32.47	37.7	30.4	7.3	29.1923	29.350	29.076	.274	.1698	92.3	30.7	N.	11.54	10.0	10	10	00	.01	3.3	.34	25
26	31.73	37.1	26.6	10.5	29.5593	29.684	29.420	.255	.1517	84.3	27.8	N. W.	12.12	8.2	10	2	45	....	0.4	.04	26
27	33.23	38.1	30.4	7.7	29.8095	29.920	29.726	.194	.1398	73.7	26.0	W.	7.75	9.2	10	3	04	....	0.1	.01	27
SUNDAY	.....	40.1	29.3	10.8	.....	.....	.....	.....	.....	.....	.....	N. W.	11.00	.....	.....	.....	82	....	....	....	28
29	36.73	42.0	30.5	7.5	30.2592	30.305	30.232	.073	.1130	58.0	23.7	S. W.	14.46	1.5	5	0	98	....	....	....	29
30	39.45	46.2	32.0	14.2	30.7102	30.333	30.218	.115	.1113	45.3	20.5	N. W.	11.00	1.3	5	0	97	....	....	....	30
31	35.47	42.4	29.0	13.4	30.4010	30.470	30.352	.118	.1033	50.2	19.2	N.	18.29	0.2	1	0	96	....	....	....	31
Means	26.60	33.19	19.76	13.43	29.9922	30.1643	29.8030	.3613	.1237	80.08	21.03	S. 68¼° W.	15.58	6.01	8.3	2.3	41.61	1.80	23.7	4.05	..... Sums.
23 Years means for and including this month	24.17	31.51	16.59	14.70	29.9682	.....	.....	.268	.1089	76.5	.....	.....	17.88	6.0	.....	.....	46.4	1.03	23.6	3.41	} 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.....	1049	1646	268	797	847	4276	1410	1299	.....
Duration in hrs..	78	130	32	49	53	202	90	98	12
Mean velocity....	13.45	12.66	8.38	16.26	15.98	21.16	15.67	13.26	.....

Greatest mileage in one hour was 47 on the 6th.  
Greatest velocity in gusts, 60 miles per hour on the 6th and 13th.

Resultant mileage, 3605.  
Resultant direction, S. 68½° W.  
Total mileage, 11592.

\*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 46.2° on the 30th; the greatest cold was 9.7° below zero on the 1st giving a range of temperature of 55.9° degrees.

Warmest day was the 30th. Coldest day was the 1st. Highest barometer reading was 30.857 on the 7th. Lowest barometer was 29.547 on the

25th, giving a range of 1,781 inches. Maximum relative humidity was 99.0 on the 8th and 12th.

Minimum relative humidity was 33 on the 30th.  
Rain fell on 12 days.  
Snow fell on 14 days.  
Rain or snow fell on 20 days.  
Auroras were observed on 2 nights, 4th and 23th.

Lunar coronas on the 13th, 15th, 16th 17th.  
Fog on 3 days, the 1st, 19th, 22nd.  
Earthquakes on 23rd and 27th.