

ABSTRACT FOR THE MONTH OF FEBRUARY, 1898.

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	7.70	10.7	3.5	7.2	29.6925	29.829	29.593	.236	.0577	93.7	6.2	N	25.08	10.0	10	10	03	....	4.5	0.43	1
2	-3.98	3.5	-15.3	18.8	30.0448	30.082	29.943	.134	.0262	90.8	10.7	S.W.	14.71	5.5	10	0	51	....	0.0	0.00	2
3	-2.32	2.0	-10.7	12.7	30.2110	30.303	30.066	.237	.0322	81.8	6.7	S.	18.42	5.3	10	2	52	....	0.1	0.01	3
4	11.95	16.8	2.0	14.8	30.4351	30.496	30.374	.122	.0583	78.5	6.5	S.	18.29	6.5	10	2	58	....	0.0	0.00	4
5	25.73	32.5	13.0	19.5	30.1018	30.294	30.005	.289	.1298	89.7	23.2	S.	21.04	9.2	10	5	00	....	2.5	0.25	5
SUNDAY.....6	.....	32.5	3.8	28.7	.....	.....	.....	.....	.....	.....	.....	S.	9.38	.....	.....	.....	89	....	0.0	0.00	6
7	16.82	25.1	6.0	19.1	30.3435	30.364	30.320	.044	.0842	88.7	14.2	S.	8.42	6.2	10	0	33	....	.....	.....	7
8	20.15	26.8	12.8	14.0	30.3148	30.356	30.280	.076	.1008	91.3	18.3	N.	5.42	4.7	10	0	25	....	.....	.....	8
9	21.18	29.8	10.8	19.0	30.2870	30.362	30.171	.191	.1103	93.8	19.8	S.	6.25	6.8	10	0	28	0.08	0.08	9	
10	36.43	40.7	29.5	11.2	30.2375	30.333	30.129	.204	.1968	91.2	34.2	S.W.	13.67	8.3	10	0	19	0.00	0.00	10	
11	37.03	40.3	33.3	7.0	30.1417	30.296	30.000	.296	.1397	85.8	33.2	S.	21.79	8.0	10	5	31	....	.....	.....	11
12	36.62	39.5	33.6	5.9	29.8753	29.986	29.731	.205	.2060	94.5	35.2	S.W.	24.96	8.3	10	0	00	0.47	0.1	0.48	12
SUNDAY.....13	.....	34.7	23.7	11.0	.....	.....	.....	.....	.....	.....	.....	S.W.	10.50	.....	.....	.....	99	....	.....	.....	13
14	20.22	36.7	17.7	19.0	29.7377	29.956	29.672	.284	.1342	82.7	24.5	S.	19.92	7.5	10	0	00	0.6	0.06	14	
15	26.65	30.9	22.0	8.9	29.6685	29.847	29.434	.413	.1203	82.5	22.5	N.	14.67	8.8	10	7	37	1.6	0.13	15	
16	11.72	22.0	7.6	14.4	29.5108	29.804	29.333	.466	.0673	91.2	9.8	N.W.	30.92	10.0	10	10	00	12.3	1.23	16	
17	0.97	8.7	-7.7	16.4	30.1537	30.261	29.972	.289	.0833	83.0	2.8	S.W.	29.83	0.0	10	0	99	....	.....	.....	17
18	13.70	17.8	5.2	12.6	30.2165	30.270	30.164	.106	.0742	90.8	11.7	N.	7.79	10.0	10	10	00	0.0	0.00	18	
19	19.25	25.8	11.9	13.9	30.4428	30.473	30.375	.093	.0937	88.3	16.5	N.	9.17	1.3	10	0	97	....	0.0	0.00	19
SUNDAY.....20	.....	19.8	15.9	3.9	.....	.....	.....	.....	.....	.....	.....	N.	27.13	.....	.....	.....	00	10.5	1.30	20	
21	20.85	24.5	16.0	8.5	30.0428	30.164	29.960	.204	.1045	93.2	19.2	N.	31.67	10.0	10	10	00	6.5	0.93	21	
22	23.82	26.9	20.4	6.5	29.9455	29.999	29.899	.100	.1207	93.5	22.3	N.	23.29	9.7	10	8	03	2.2	0.22	22	
23	27.07	30.2	25.0	5.2	29.8790	29.950	29.830	.120	.1387	93.8	25.5	N.	12.67	10.0	10	10	00	2.0	0.20	23	
24	28.40	33.5	24.8	8.7	29.8390	29.902	29.838	.064	.1360	10.92	24.8	S.W.	10.92	8.0	10	2	19	0.9	0.09	24	
25	25.35	29.4	22.0	7.4	29.9695	30.022	29.940	.082	.1157	84.8	21.5	S.W.	5.29	7.3	10	2	05	0.5	0.04	25	
26	26.05	31.5	21.0	10.5	30.0258	30.037	29.968	.069	.1757	87.3	23.2	W.	9.38	9.2	10	5	00	....	1.4	0.14	26
SUNDAY.....27	.....	31.8	23.2	8.6	.....	.....	.....	.....	.....	.....	.....	S.W.	17.83	.....	.....	.....	35	0.5	0.05	27	
28	20.08	24.6	14.4	10.2	29.9048	29.931	29.866	.065	.0907	83.0	16.2	S.W.	24.21	2.3	10	0	81	0.1	0.01	28	
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Means.....	19.81	26.03	13.76	12.27	30.0447	30.1382	29.9551	.1831	.1063	88.36	17.01	S. 64° W.	16.88	7.23	9.6	3.7	30.7	0.55	46.3	5.65	..... Sums.
24 Years means for and including this month.....	15.64	23.71	7.30	16.41	30.0304	.....	.....	.309	.0837	80.28	.....	.....	18.14	5.93	.....	.....	41.53	0.74	23.37	3.04	{ 24 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.....	3791	56			3226	3491	218	559	
Duration in hrs..	200	2			222	192	22	28	6
Mean velocity....	18.96	28.00			14.53	18.18	9.91	19.97	

Greatest mileage in one hour was 43, on the 17th and 21st.

Greatest velocity in gusts 60 miles per hour on the 1st.

Resultant mileage, 3370.
Resultant direction, S. 64° W.
Total mileage, 11,341.
Average velocity 16.88 m. p. h.

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

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

§ 17 years only. ¶ 12 years only.

The greatest heat was 40° 7' on the 10th; the greatest cold was -15° 3' on the 2nd, giving a range of temperature of 56.0 degrees.

Warmest day was the 11th. Coldest day was the 2nd. Highest barometer reading was 30.496 on the 4th. Lowest barometer was 29.338 on the 16th, giving a range of 1.158 inches. Maximum relative

humidity was 100 on the 6th. Minimum relative humidity was 71 on the 4th and 14th.

Rain fell on 3 days.

Snow fell on 21 days.

Rain or snow fell on 23 days.

Lunar halo on 4 nights. Lunar coronas on 3 nights.

Hoar frost on 2 days.

Fog on 3 days.

Mock moons on the 24th.