

ABSTRACT FOR THE MONTH OF FEBRUARY, 1892.

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 CLOUDS IN TENTHS.			Per cent. of 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	27.18	34.5	18.7	15.8	29.9847	30.046	29.911	.135	.1258	85.3	23.0	W.	12.1	7.7	10	1	12	....	....	1	
2	21.13	28.5	16.6	11.9	30.0225	30.161	29.835	.226	.0942	82.7	16.8	N.E.	13.6	9.8	10	9	06	....	1.5	2	
3	24.85	27.6	21.4	6.2	29.8777	29.951	29.805	.146	.1192	89.8	22.2	N.	15.9	10.0	10	10	00	....	2.4	3	
4	20.17	26.6	15.3	11.3	30.0230	30.069	29.969	.100	.0893	81.2	15.2	N.	6.1	6.2	10	0	18	....	2.0	4	
5	7.57	16.8	3.5	13.3	30.1888	30.224	30.083	.141	.0470	77.0	1.8	N.E.	13.2	5.3	10	0	55	....	0.6	5	
6	3.02	12.8	-4.7	17.5	30.3510	30.394	30.293	.101	.0383	77.7	-3.0	S.W.	9.1	1.7	10	0	94	....	....	6	
SUNDAY.....7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N.E.	10.1	.....	.....	.....	00	....	1.4	7	
8	20.80	24.8	17.6	7.2	29.6062	29.696	29.540	.156	.1055	94.2	19.3	N.E.	13.5	10.0	10	10	00	....	5.8	8	
9	23.92	31.0	18.7	12.3	29.7837	29.862	29.725	.137	.1113	86.2	20.3	S.W.	12.1	8.5	10	1	00	....	1.5	9	
10	16.52	24.4	11.8	12.6	29.9578	30.047	29.794	.253	.0663	72.0	9.3	S.E.	10.4	5.8	10	0	44	....	....	10	
11	20.93	27.1	9.7	17.4	29.4215	29.678	29.215	.463	.1018	88.5	18.2	E.	17.0	10.0	10	10	00	....	3.7	11	
12	12.03	25.2	1.7	23.5	29.2698	29.505	29.152	.353	.0723	87.7	9.2	S.W.	32.0	9.5	10	7	00	....	6.1	12	
13	-4.48	2.5	-9.0	11.5	29.7713	29.861	29.669	.192	.0232	64.8	-13.3	S.W.	36.2	0.0	0	0	98	....	....	13	
SUNDAY.....14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N.E.	13.3	.....	.....	.....	00	....	3.7	14	
15	18.40	32.9	10.5	22.4	29.9727	30.323	29.522	.801	.0782	70.3	12.3	S.W.	29.4	6.2	10	1	68	....	3.1	15	
16	6.68	11.2	1.8	9.4	30.5313	30.584	30.452	.132	.0387	65.5	-2.7	W.	14.0	1.7	10	0	87	....	....	16	
17	7.10	12.0	3.4	8.6	30.5832	30.656	30.488	.168	.0387	64.5	-2.5	W.	10.0	0.0	0	0	97	....	....	17	
18	9.45	18.8	-2.5	21.3	30.3137	30.414	30.235	.179	.0525	75.8	3.5	S.W.	14.5	2.5	10	0	84	....	....	18	
19	16.13	24.4	4.4	20.0	30.3358	30.398	30.291	.107	.0760	81.0	11.3	N.E.	10.5	6.8	10	0	75	....	Inap.	19	
20	26.63	30.0	20.1	9.9	30.3635	30.413	30.319	.093	.1408	96.3	25.8	N.E.	11.4	10.0	10	10	00	....	4.3	20	
SUNDAY.....21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E.	12.0	.....	.....	.....	00	....	Inap.	21	
22	33.38	36.2	30.4	5.8	30.5545	30.574	30.533	.041	.1685	88.3	30.3	N.E.	9.5	10.0	10	10	00	....	....	22	
23	33.45	37.5	30.4	7.1	30.5455	30.580	30.502	.078	.1708	89.0	30.5	N.E.	6.7	8.0	10	0	48	....	....	23	
24	31.27	37.9	24.2	13.7	30.3822	30.504	30.248	.256	.1457	83.7	26.7	S.E.	6.9	5.7	10	0	68	....	....	24	
25	30.82	36.8	26.4	10.4	30.1785	30.258	30.111	.147	.1400	81.5	25.8	S.	7.4	4.2	10	0	67	....	....	25	
26	24.13	38.8	3.5	35.3	30.3982	30.757	30.157	.600	.1128	77.7	18.2	N.	20.6	8.2	10	0	00	....	Inap.	26	
27	-1.62	11.0	-8.6	19.6	30.9010	30.962	30.848	.114	.0308	77.7	-7.2	N.E.	28.9	0.7	4	0	00	....	....	27	
SUNDAY.....28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N.E.	14.7	.....	.....	.....	98	....	....	28	
29	18.15	27.2	6.0	21.2	30.2570	30.311	30.190	.121	.0895	85.7	14.5	N.	5.4	8.3	10	0	00	....	0.3	29	
..... Means	17.91	24.83	10.23	14.6	30.1406			.210	.0910	81.2	13.0	N. 38° W.	14.6	6.3			35.1	0.00	36.4	3.27	Sums
18 Years means for and including this month.....	15.72	24.17	7.04	17.1	30.0446			.320	.0830	78.7				5.9			40.9	0.89	23.2	3.08	{ 18 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	1168	3160	672	226	432	3497	841	137	
Duration in hrs..	88	216	55	24	59	161	71	14	8
Mean velocity....	13.3	14.6	12.2	9.4	7.3	21.7	11.8	9.8	

Greatest mileage in one hour was 52 on the 15th.
Greatest velocity in gusts 60 miles per hour on the 15th.

Resultant mileage, 556.
Resultant direction, N. 38° W.
Total mileage, 10,133.

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

† Observed.

† Pressure of vapour in inches of mercury.

† Humidity relative, saturation being 100.

† 11 years only.

The greatest heat was 38° on the 26th; the greatest cold was 9° below zero on the 18th, giving a range of temperature of 47.8 degrees. Warmest day was the 23rd. Coldest day was the 13th. Highest

barometer reading was 30.962 on the 27th; lowest barometer was 29.152 on the 12th, giving a range of 1.810 inches. Maximum relative humidity was 100 on the 20th. Minimum relative humidity was 48 on the 13th.

Snow fell on 16 days.

Auroras were observed on 5 nights.

Lunar halos on 2 nights.