

# ABSTRACT FOR THE MONTH OF FEBRUARY, 1895.

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. 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	16.48	27.2	1.2	26.0	30.1768	30.227	30.142	.085	.0797	82.3	12.0	S.W.	16.4	5.5	10	0	52	....	0.3	0.03	1	
2	16.92	23.3	8.0	15.3	30.1812	30.305	30.128	.177	.0778	80.0	12.0	W.	14.2	0.6	10	0	30	....	0.8	0.03	2	
SUNDAY.....	.....	9.2	-1.9	11.1	.....	.....	.....	.....	.....	.....	.....	S.E.	8.4	.....	.....	.....	59	....	.....	.....	3.....SUNDAY	
4	5.05	14.2	-1.7	15.9	29.9130	30.087	29.803	.234	.0437	78.3	0.8	S.E.	12.0	6.7	10	0	00	....	0.2	0.02	4	
5	12.38	1.5	-16.3	17.8	29.9733	30.002	29.934	.068	.0197	81.3	-16.8	S.W.	37.9	0.0	00	0	100	....	.....	.....	5	
6	13.33	6.8	-19.8	15.0	29.9187	30.003	30.853	.150	.0200	85.0	-16.5	W.	29.0	4.8	10	0	70	....	0.3	0.03	6	
7	8.95	5.8	-13.1	7.3	29.8163	29.914	29.557	.357	.0255	80.8	-11.2	N.	11.9	5.3	10	0	87	....	.....	.....	7	
8	0.23	6.5	-7.6	14.1	29.0143	29.375	28.832	.543	.0422	96.2	1.0	W.	43.0	10.0	10	10	00	....	16.0	1.58	8	
9	6.90	12.8	-3.0	15.8	29.2785	29.424	29.165	.259	.0585	96.2	6.3	S.W.	38.8	10.0	10	10	00	....	2.0	0.20	9	
SUNDAY.....	.....	19.0	1.3	17.7	.....	.....	.....	.....	.....	.....	.....	W.	24.8	.....	.....	.....	94	....	.....	.....	10.....SUNDAY	
11	18.60	25.8	8.8	17.0	29.9767	30.040	29.891	.149	.0947	92.5	16.7	W.	22.0	5.7	10	0	36	....	0.2	0.02	11	
12	22.77	26.1	19.2	6.8	29.7752	29.868	29.630	.178	.1018	83.5	13.8	W.	15.3	7.3	10	2	70	....	.....	.....	12	
13	23.47	27.2	20.8	6.4	29.6272	29.725	29.572	.153	.1110	88.0	20.7	W.	12.4	9.7	10	8	00	....	0.4	0.04	13	
14	19.28	25.2	15.8	9.4	29.8695	30.050	29.685	.365	.0927	88.2	16.7	W.	32.5	3.2	10	0	100	....	0.3	0.03	14	
15	19.35	22.5	15.0	7.5	30.1653	30.258	30.045	.213	.0922	87.7	16.7	S.W.	17.3	6.3	10	0	58	....	Inap.	Inap.	15	
16	24.02	29.5	16.9	12.6	29.8008	30.047	29.637	.410	.1178	90.7	21.5	S.W.	26.4	6.2	10	0	57	....	Inap.	Inap.	16	
SUNDAY.....	.....	30.6	20.2	10.4	.....	.....	.....	.....	.....	.....	.....	S.W.	15.3	.....	.....	.....	74	....	.....	.....	17.....SUNDAY	
18	28.32	34.3	21.5	12.8	29.7363	29.840	29.658	.182	.1450	91.7	26.3	S.	14.1	9.5	10	0	21	....	.....	.....	18	
19	28.93	32.8	24.5	8.3	29.7022	29.730	29.671	.059	.1413	88.7	26.0	S.W.	17.6	6.7	10	0	00	....	0.2	0.02	19	
20	19.50	23.4	15.2	8.2	29.6477	29.710	29.528	.182	.0893	84.7	15.8	S.W.	20.7	0.8	3	0	84	....	Inap.	Inap.	20	
21	27.70	34.9	17.2	17.7	29.2308	29.456	29.158	.298	.1590	90.5	25.3	S.	21.4	8.8	10	3	00	....	0.5	0.05	21	
22	8.72	26.5	3.1	23.4	29.8073	29.992	29.556	.436	.0547	84.2	4.7	S.	25.1	4.0	10	0	68	....	.....	.....	22	
23	3.22	9.4	-2.7	12.1	30.1757	30.347	30.056	.291	.0415	83.5	-1.3	S.W.	17.8	0.0	0	0	99	....	.....	.....	23	
SUNDAY.....	.....	24.8	3.0	21.8	.....	.....	.....	.....	.....	.....	.....	S.W.	20.1	.....	.....	.....	53	....	.....	.....	24.....SUNDAY	
25	26.27	37.2	18.2	19.0	29.7716	29.920	29.617	.303	.1340	93.2	24.5	S.W.	23.5	9.8	10	9	00	Inap.	.....	3.5	0.35	25
26	10.33	20.1	4.0	16.1	30.2078	30.295	30.050	.245	.0557	79.7	5.3	S.W.	22.0	0.2	1	0	100	....	.....	.....	26	
27	20.13	28.8	7.3	21.5	29.9062	30.150	29.707	.443	.0998	87.2	17.2	S.W.	9.9	6.3	10	0	00	....	.....	.....	27	
28	24.68	37.2	23.0	14.2	29.4747	29.671	29.372	.299	.1607	96.8	23.8	S.	7.8	10.0	10	10	00	Inap.	.....	.....	Inap.	28
..... Means	14.20	21.34	7.08	14.26	29.8023	29.935	29.680	.255	.0853	87.50	1.15	S. 63 3/4° W.	20.62	6.0	8.50	2.17	46.9	0.00	24.7	2.45	Sums.....	
21 Years means for and including this month.....	15.84	23.69	6.79	16.90	30.0365	.....	.....	.303	.0880	79.33	.....	.....	.....	5.9	.....	.....	44.7	0.78	22.5	2.94	21 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.....	906	.....	12	273	907	6722	4764	276	.....
Duration in hrs.	45	.....	2	29	62	275	225	19	15
Mean velocity...	20.1	.....	6.0	9.4	14.6	24.4	21.3	14.5	.....

Greatest mileage in one hour was 56 on the 8th.  
Greatest velocity in gusts 60 miles per hour on the 8th.

Resultant mileage, 9970.  
Resultant direction, S. 63 3/4° W.  
Total mileage, 1-860.  
Average mileage per hour 2062.

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

† Observed.  
‡ Pressure of vapour in inches of mercury.  
§ Humidity relative, saturation being 100.  
¶ 14 years only.

The greatest heat was 37.2° on the 25th and 28th; the greatest cold was -19.8° on the 6th, giving a range of temperature of 57.0 degrees.

Warmest day was the 19th. Coldest day was the 6th. Highest barometer reading was 30.347 on the 23rd. Lowest barometer was 28.832 on the

8th, giving a range of 1.515 inches. Maximum relative humidity was 100 on the 8th.

Minimum relative humidity was 51 on the 5th.  
Rain fell on 2 days.  
Snow fell on 15 days.  
Rain or snow fell on 16 days.  
Auroras were observed on 1 night on 14th.  
Lunar halos 4, on 3rd, 4th, 7th and 8th.  
Lunar corona 1, on the 6th.

Fog on 1 day, 28th.  
Solar halos, 6 days, 3rd, 4th, 5th, 17th, 18th and 22nd