

ABSTRACT FOR THE MONTH OF FEBRUARY, 1903.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				* BAROMETER.				† Mean relative humidity.	WIND.		‡ Mean velocity in miles per hour.	§ Per cent. possible sunshine.	¶ Rainfall in inches.	|| Snowfall in inches.	⦿ Rain and snow in inches.	DAY.
	† Mean.	Max.	Min.	Range	† Mean.	Max.	Min.	Range.		General direction.	Mean velocity in miles per hour.						
1	3.8	7.9	-3.0	10.9	30.24	30.40	30.01	-39	75	S.W.	7.3	29	....	....	....	....	1
2	4.9	7.3	-0.6	7.0	29.94	30.01	29.90	.11	81	S.W.	25.1	34	....	1.4	....	....	2
3	-2.7	3.8	-3.0	11.8	30.22	30.43	29.98	-45	68	S.W.	28.6	84	....	.3	....	....	3
4	0.8	3.5	-2.5	6.0	30.50	30.54	30.43	.11	68	W.	14.6	76	....	....	....	....	4
SUNDAY.....																	
5	3.2	8.4	-6.2	14.6	30.58	30.67	30.40	.27	71	N.W.	5.0	68	....	....	....	....	5
6	11.4	18.2	3.4	14.8	30.12	30.45	29.91	-.54	89	N.E.	8.6	..	....	7.6	..80	....	6
7	13.4	17.7	9.0	8.7	30.13	30.44	29.92	-.52	81	N.W.	13.1	60	....	1.5	....	....	7
8	4.2	12.0	-3.8	15.8	30.48	30.57	30.30	-.27	74	N.W.	6.2	79	....	....	....	....	8
9	19.7	31.2	-1.7	32.9	29.94	30.30	29.75	-.55	89	S.E.	17.3	..	....	3.5	..56	....	9
10	26.8	30.9	20.4	10.5	29.74	29.91	29.65	-.26	90	N.W.	17.9	03	....	6.5	..56	....	10
11	2.1	18.3	-4.2	20.5	30.36	30.54	29.91	-.63	68	N.W.	24.5	98	....	....	....	....	11
SUNDAY.....																	
12	0.4	5.4	-7.5	12.9	30.15	30.53	29.60	-.93	75	N.E.	8.7	48	....	4.5	..46	....	12
13	9.9	21.0	2.8	18.2	29.44	29.61	29.32	-.29	81	S.W.	22.0	..	....	4.5	..46	....	13
14	2.7	8.9	-6.0	14.9	29.39	29.98	29.61	-.37	73	N.W.	22.6	54	....	....	....	....	14
15	7.5	10.0	4.5	5.5	30.06	30.19	29.97	-.22	77	N.W.	7.5	63	....	..5	..06	....	15
16	3.0	10.0	-9.2	19.2	30.20	30.32	29.99	-.33	77	W.	15.7	68	....	..6	..04	....	16
17	18.5	24.5	7.2	17.3	29.79	29.99	29.65	-.34	93	S.W.	15.0	..	....	3.4	..34	....	17
18	8.6	24.6	-0.2	24.8	30.05	30.39	29.65	-.74	73	N.W.	27.3	64	....	1.2	..12	....	18
SUNDAY.....																	
19	2.7	7.9	-5.7	13.6	30.52	30.59	30.39	-.20	75	N.W.	18.8	90	....	....	....	....	19
20	24.5	34.0	3.3	31.6	30.18	30.49	30.06	-.43	92	S.W.	25.9	..	....	....	....	....	20
21	17.7	34.8	7.5	27.3	30.40	30.50	30.10	-.40	78	N.E.	15.7	56	....	....	....	....	21
22	10.8	16.2	4.2	12.0	30.42	30.50	30.36	-.14	80	N.E.	13.3	..	....	....	....	....	22
23	17.5	22.0	11.6	10.4	30.30	30.36	30.24	-.12	69	N.E.	6.6	50	....	....	....	....	23
24	20.1	27.0	10.1	16.9	30.18	30.26	30.06	-.20	89	N.W.	3.3	46	....	....	....	....	24
25	16.6	24.6	8.4	16.2	29.87	30.06	29.72	-.34	84	N.E.	6.1	37	....	....	....	....	25
SUNDAY.....																	
26	18.2	23.9	8.5	20.4	29.69	29.74	29.65	-.09	80	S.W.	13.5	15	....	0.0	..00	....	26
27	13.6	22.2	3.5	18.7	29.83	29.91	29.74	-.17	81	N.W.	23.6	97	....	0.0	..00	....	27
28	20.6	25.5	16.4	9.1	29.77	29.92	29.68	-.24	86	N.W.	12.0	20	....	1.4	..15	....	28
Means.....	10.74	18.1	2.3	15.8	30.107	30.27	29.93	-.34	79.2	N 78° W	15.21	44.5	....	38.9	3.97	....	Sums.....
3x Years means for and including this month.....	15.30	23.3	7.3	15.8	30.015	.....	.....	-.31	80.5	.....	18.12	5	40.8	2.71	21.0	3.16	31 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.....	238	1337	153	244	792	2027	2257	3144	
Duration in hrs..	32	153	17	24	55	101	125	168	17
Mean velocity....	7.4	10.1	9.0	10.2	14.4	20.1	18.2	18.7	

Greatest mileage in one hour was 41 on the 18th.
 Greatest velocity in gusts was 60 on the 18th.
 Resultant mileage, 4,781.

Resultant direction, N. 78° W.
 Total mileage, 10,222.

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

† Mean of bi-hourly readings taken from self-recording instruments.

‡ Humidity relative, saturation being 100. Mean of observations at 8, 15 and 20 hours.

§ 24 years only. ¶ 19 years only.

The greatest heat was 34.9° above zero on the 20th. The greatest cold was 9.2° below zero on the 16th, giving a range of temperature of 44.1 degrees.

Warmest day was the 10th. Coldest day was the 3rd.

Highest barometer reading was 30.67 on the 5th; lowest barometer was 29.32 on the 13th, giving a range of 1.35 inches.

Minimum relative humidity observed, was 53 on the 23rd.

Snow fell on 15 days.

Lunar halos on the 14th and 24th.

Aurora observed on the night of the 4th. Dark cloud bank with luminous upper edge. After midnight a faint arch. Luminous clouds on the 22nd and 23rd.

Depth of snow on ground at end of month 36 inches.