

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.		Per cent. relative humidity.	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.					
SUNDAY..... 1	16.1	21.8	10.1	11.7	30.05	30.13	29.97	.16	78	SE.	....	65	....	....	....	1.....SUNDAY
2	19.2	22.1	14.5	7.6	29.88	29.99	29.65	.34	94	SE.	....	20	....	....	....	2.....SUNDAY
3	25.4	33.3	18.0	15.3	29.96	30.05	29.65	.40	91	SE.	....	23	....	....	....	3.....SUNDAY
4	24.0	31.4	17.2	14.2	29.42	29.92	29.14	.78	95	N.	SE.	..	0.40	0.8	0.16	4.....SUNDAY
5	18.2	21.6	13.3	8.3	29.39	29.76	29.14	.62	86	N.W.	SE.	..	....	4.3	1.04	5.....SUNDAY
6	15.3	18.9	9.0	9.9	30.03	30.11	29.76	.35	85	S.W.	SE.	..	....	0.6	0.08	6.....SUNDAY
7	13.6	19.0	8.2	10.8	30.32	30.39	30.09	.30	86	S.W.	SE.	..	....	....	....	7.....SUNDAY
SUNDAY..... 8	10.4	22.0	- 0.5	22.5	29.90	30.37	29.42	.95	87	SE.	....	..	....	12.0	1.41	8.....SUNDAY
9	20.7	25.1	15.8	9.3	29.74	30.04	29.41	.63	83	W.	SE.	..	....	1.7	0.10	9.....SUNDAY
10	25.7	32.8	10.0	22.8	30.06	30.12	29.99	.13	91	S.W.	SE.	..	....	....	....	10.....SUNDAY
11	34.8	39.6	21.0	18.6	29.68	29.99	29.24	.75	88	S.W.	SE.	..	0.53	....	0.53	11.....SUNDAY
12	31.3	37.2	23.0	14.2	29.56	29.97	29.14	.83	91	S.W.	SE.	..	0.34	....	0.34	12.....SUNDAY
13	14.7	24.9	8.0	16.9	30.09	30.14	29.97	.17	74	SE.	SE.	..	....	0.0	0.00	13.....SUNDAY
14	7.4	15.0	0.8	14.2	30.34	30.41	30.14	.27	65	SE.	SE.	..	....	....	....	14.....SUNDAY
SUNDAY..... 15	10.2	14.8	3.3	11.5	30.21	30.39	29.93	.46	77	SE.	SE.	..	....	....	....	15.....SUNDAY
16	12.1	16.8	7.1	9.6	29.77	29.93	29.65	.28	81	SE.	SE.	..	....	1.6	0.12	16.....SUNDAY
17	-1.1	13.2	-9.0	22.2	29.55	29.76	29.43	.33	63	SE.	SE.	..	....	1.2	0.16	17.....SUNDAY
18	1.1	9.3	-11.0	20.3	29.80	29.95	29.72	.23	72	SE.	SE.	..	....	0.0	0.00	18.....SUNDAY
19	-2.2	5.6	-11.8	17.4	30.29	30.37	29.95	.42	57	W.	SE.	..	....	....	....	19.....SUNDAY
20	11.4	18.0	0.8	17.2	30.35	30.39	30.32	.07	82	S.W.	SE.	..	....	....	....	20.....SUNDAY
21	18.5	25.9	10.0	15.9	30.18	30.39	30.03	.36	85	S.	SE.	..	....	0.5	0.04	21.....SUNDAY
SUNDAY..... 22	20.2	25.7	16.0	9.7	30.18	30.31	30.05	.26	75	S.W.	SE.	..	....	....	....	22.....SUNDAY
23	26.7	30.6	18.0	12.6	30.16	30.29	30.10	.19	88	S.W.	SE.	..	....	1.1	0.11	23.....SUNDAY
24	23.7	29.6	18.8	10.8	30.20	30.27	30.12	.15	93	S.W.	SE.	..	....	....	....	24.....SUNDAY
25	24.1	28.0	20.2	7.8	30.19	30.25	30.12	.13	84	S.W.	SE.	..	....	....	....	25.....SUNDAY
26	30.5	35.9	23.9	12.0	30.23	30.31	30.18	.13	87	S.W.	SE.	..	....	....	....	26.....SUNDAY
27	35.9	41.0	29.1	11.9	30.10	30.26	29.84	.42	68	S.W.	SE.	..	....	....	....	27.....SUNDAY
28	40.1	46.5	37.0	9.5	29.28	29.84	28.97	.87	94	S.W.	SE.	..	0.89	....	0.89	28.....SUNDAY
Means.....	18.86	25.2	11.5	13.7	29.962	30.146	29.754	.392	81.2	S 37° W.	18.4	31.7	2.16	26.2	3.23	Sum.
29 Years means for and including this month.....	15.73	23.5	7.8	15.8	30.009	.....	.....	.309	80.7	....	18.2	41.2	0.81	23.6	3.16	29 Years means for and including this month.

ANALYSIS OF WIND RECORD FROM 12th TO 28th.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALM.
Miles.....	356	526	266	27	755	4938	1368	280	
Duration in hrs..	27	24	24	3	51	187	87	13	2
Mean velocity....	13.2	21.9	11.1	9.0	14.8	26.4	14.6	21.5	

Greatest mileage in one hour was 55 on the 28th.

Greatest velocity in gusts was 72 on the 28th.

± Estimated. m For 17 days only.

Resultant mileage, ±9,100.

Resultant direction, S 37° W.

Total mileage, m8,516.

* 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 3, 15 and 20 hours.

§ 22 years only. ¶ 16 years only.

The greatest heat was 46.5 above zero on the 28th. The greatest cold was 11.8 below zero on the 19th, giving a range of temperature of 58.3°.

Warmest day was the 23th. Coldest day was the 19th.

Highest barometer reading was 30.41 on the 14th; lowest barometer was 28.97 on the 28th, giving a range of 1.44 inches.

Minimum relative humidity observed was 45 on the 19th.

Rain fell on 4 days. Snow fell on 12 days.

Rain and snow on 1 day.

Fog on 1 day.

No. inches snow on ground 20.