

ABSTRACT FOR THE MONTH OF FEBRUARY, 1914.

Meteorological Observations, Taken at McGill College Observatory. Height above sea-level, 187 feet. C. H. McLEOD, *Superintendent.*

DAYS.	THERMOMETER				*BAROMETER				† Mean relative humidity.	WIND		Per cent. of possible Sunshine	Rainfall in inches.	Snowfall in inches.	Rain and snow melted.	DAYS.
	† Mean.	Max.	Min.	Range.	† Mean.	Max.	Min.	Range.		General direction.	Mean velocity in miles per hour					
SUNDAY.....1	19.3	25.1	12.7	12.4	29.68	30.61	29.42	.59	74	NW	25.1	51	...	0.7	.06	1.....SUNDAY
2	17.9	23.1	11.5	11.6	30.44	30.61	30.07	.54	59	NW	14.7	91	...	T	T	2
3	26.5	39.8	7.2	32.6	30.12	30.46	30.04	.42	74	SW	18.2	9	...	1.0	.08	3
4	29.4	37.0	13.6	23.4	29.93	30.17	29.75	.42	66	NW	18.3	64	.07	T	.07	4
5	8.1	13.6	3.7	9.9	30.28	30.44	30.17	.27	61	NW	9.9	74	...	...	...	5
6	7.4	19.6	-3.3	22.9	30.30	30.52	29.87	.65	71	E	14.0	77	...	4.2	.47	6
7	22.3	35.0	12.9	22.1	29.33	29.75	29.14	.61	74	SW	23.8	14	.01	2.2	.35	7
SUNDAY.....8	3.7	12.9	-1.3	14.2	29.83	29.97	29.54	.43	56	W	21.0	82	...	T	T	8.....SUNDAY
9	8.1	15.0	0.7	14.3	30.14	30.24	30.03	.21	61	W	16.0	81	...	0.2	.02	9
10	-0.7	9.8	-12.3	22.1	30.30	30.42	30.09	.33	49	NW	14.9	89	...	...	...	10
11	-19.8	-12.3	-26.9	14.6	30.42	30.46	30.36	.10	49	NE	14.0	89	...	...	...	11
12	-18.6	-12.0	-25.5	13.5	30.58	30.73	30.45	.28	56	NW	22.0	90	...	...	...	12
13	-8.5	-4.2	-15.7	11.5	30.66	30.81	30.33	.48	04	E	8.6	30	...	...	...	13
14	1.7	12.3	-8.0	20.3	29.92	30.29	29.62	.67	63	NE	12.7	0	...	3.5	.35	14
SUNDAY.....15	-2.5	6.1	-7.0	13.1	29.99	30.07	29.83	.24	55	W	17.4	83	...	...	...	15.....SUNDAY
16	-4.2	0.0	-10.0	10.0	29.91	30.04	29.84	.20	66	NE	9.9	63	...	T	T	16
17	2.6	5.9	-4.3	10.2	29.96	30.02	29.88	.14	61	W	14.6	97	...	...	...	17
18	6.5	11.1	-0.2	11.3	30.10	30.18	30.63	.15	65	SW	6.0	69	...	T	T	18
19	7.0	14.9	-2.0	16.0	30.04	30.12	29.98	.14	59	NE	10.8	51	...	...	...	19
20	-0.8	8.8	-5.5	14.3	30.35	30.45	30.24	.21	49	NE	11.6	88	...	...	...	20
21	-1.9	3.2	-7.7	10.2	30.29	30.30	29. -	.38	56	NE	10.4	88	...	...	...	21
SUNDAY.....22	10.3	24.6	0.0	24.6	29.82	30.14	29.59	.55	61	W	18.4	51	...	2.8	.20	22.....SUNDAY
23	-4.4	1.4	-9.9	11.3	30.37	30.44	30.23	.21	49	NW	14.7	97	...	T	T	23
24	-2.8	2.3	-9.5	11.8	30.51	30.50	30.43	.08	52	W	15.4	91	...	T	T	24
25	10.6	21.6	-3.9	25.5	30.29	30.53	30.22	.31	64	W	23.0	48	...	T	T	25
26	24.4	30.8	13.0	12.8	30.13	30.21	30.03	.18	64	W	17.5	16	...	0.1	.01	26
27	31.6	36.3	27.6	8.7	30.01	30.05	29.98	.07	68	W	20.8	40	...	0.2	.02	27
28	33.8	40.6	24.5	16.1	29.83	29.97	29.63	.34	62	SW	17.4	79	...	...	...	28
Means.....	7.41	15.1	-0.7	15.8	30.127	30.284	29.956	.329	61.04		15.76	64.57	.09	14.9	1.65	.....Sums
40 Years means for and including this month.	14.690	22.652	6.739	15.717	30.021	.....	.....	.317	79.26		17.355	40.40%	7.61	25.11	3.248	{ 40 Years means for and including this month.

ANALYSIS OF WIND RECORD.

	N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALMS
Direction.....									
Miles.....	499	1097	453	183	276	1004	4305	2784	
Duration in hours...	50	97	39	21	22	59	235	148	1
Mean Velocity.....	9.8	11.3	11.6	8.7	12.6	17.0	18.3	18.8	

The greatest mileage in one hour was 44 on the 7th.
 The greatest velocity in gusts was 70 on the 7th. Total mileage, 10591. Resultant direction, N69°21'W.
 Resultant mileage, 6023.

The greatest heat was 40.6° above zero on the 28th. The greatest cold was 26.9° below zero on the 11th, giving a range of 67.5°.

The warmest day was the 28th. The coldest day was the 11th.

The highest barometer reading was 30.81 on the 13th. The lowest barometer reading was 29.14 on the 27th, giving a range of 1.67 inches.

The minimum relative humidity observed was 41 on the 10th.

Fog on 2 days.

Lunar halos on 1 night.

Earthquake lasting about 1 minute at 1.30 p.m., on the 10th.

* 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 readings taken every four hours from self-recording hygrometer.

§ 13 years means.

¶ 27 years means.