

ABSTRACT FOR THE MONTH OF DECEMBER, 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					
1	45.2	47.8	42.6	5.2	30.21	30.22	30.19	.03	80	SW	11.0	0	.09	...	.09	1
2	42.8	45.8	39.6	6.2	30.09	30.18	29.97	.21	81	SE	8.7	0	.40	...	.40	2
3	39.2	47.3	33.1	14.2	30.24	30.45	29.98	.47	66	NW	17.5	4	.01	...	.01	3
4	27.8	33.1	24.4	8.7	30.57	30.64	30.48	.16	54	NE	6.5	66	...	...	...	4
5	20.2	24.8	16.3	8.5	30.69	30.72	30.65	.07	53	NE	14.4	89	...	...	...	5
SUNDAY.....6	20.6	25.0	16.0	9.0	30.62	30.68	30.53	.15	57	NE	17.6	88	...	...	...	6.....SUNDAY
7	25.3	30.9	18.8	12.1	30.34	30.52	30.15	.37	46	NE	22.3	33	...	...	...	7
8	25.6	30.0	21.0	9.0	30.12	30.25	30.07	.18	44	NE	26.5	56	...	...	...	8
9	20.8	24.3	18.6	5.7	30.29	30.33	30.26	.07	59	NE	16.5	20	...	...	...	9
10	19.2	23.0	17.3	5.7	30.14	30.25	30.06	.19	57	NE	13.1	11	...	...	...	10
11	19.2	25.1	13.7	11.4	30.05	30.09	30.03	.06	50	NW	14.3	84	...	...	...	11
12	23.9	30.0	17.2	12.8	30.19	30.20	30.10	.10	61	W	13.3	60	...	...	...	12
SUNDAY.....13	30.9	34.6	26.9	7.7	30.00	30.20	29.59	.61	67	S	14.1	0	...	5.8	.25	13.....SUNDAY
14	21.7	31.3	7.4	23.9	29.36	29.58	29.14	.44	67	NW	20.4	30	...	9.1	.91	14
15	8.8	12.6	6.0	6.6	29.76	30.13	29.52	.61	60	NW	26.3	26	...	0.6	.05	15
16	8.8	12.9	2.3	10.6	30.29	30.35	30.19	.16	63	W	15.8	6	...	1.3	.06	16
17	13.9	20.5	4.6	15.9	30.37	30.44	30.33	.11	67	W	17.8	72	...	T	T	17
18	17.8	23.0	11.3	11.7	30.35	30.40	30.25	.15	63	SW	16.9	51	...	T	T	18
19	26.3	34.5	16.9	17.6	29.94	30.20	29.76	.44	69	SW	20.8	0	...	T	3.3	19
SUNDAY.....20	18.1	32.0	13.4	18.6	30.25	30.42	29.87	.55	49	NW	17.0	94	...	...	...	20.....SUNDAY
21	22.9	33.1	10.6	22.5	29.81	30.33	29.47	.86	72	SW	20.6	0	...	T	.55	21
22	16.4	25.0	0.9	24.1	29.68	29.91	29.53	.38	59	NW	26.6	27	...	0.1	.01	22
23	-1.0	5.0	-4.2	9.2	30.00	30.18	29.82	.26	52	NW	11.4	35	...	T	T	23
24	-4.9	-	-7.7	6.7	30.15	30.22	30.06	.16	59	NE	8.1	0	...	0.3	.03	24
25	-7.2	-2.8	-10.8	8.0	30.23	30.33	30.10	.23	61	W	9.9	72	...	...	...	25
26	-10.0	-7.4	-15.6	8.2	50.53	30.66	30.35	.31	57	W	11.8	86	...	...	...	26
SUNDAY.....27	1.2	18.0	-10.7	28.7	30.33	30.63	30.15	.48	67	S	13.2	0	...	T	T	27.....SUNDAY
28	22.0	28.5	14.0	14.5	30.26	30.31	30.22	.09	64	SW	14.7	0	...	T	T	28
29	26.4	31.5	25.8	7.7	29.88	30.24	29.38	.86	72	S	12.7	0	...	T	1.8	29
30	28.1	39.8	10.8	29.0	29.62	30.13	29.26	.87	64	NW	25.4	20	...	.02	.02	30
31	9.3	12.4	4.0	8.4	30.31	30.37	30.21	.16	56	NW	10.6	72	...	T	T	31
Means.....	18.70	24.81	12.34	12.51	30.152	30.308	29.993	.316	61.18	NW	15.99	35.43	0.52	27.8	2.99	.....Sums
40 Years means for and including this month.	19.21	25.95	12.24	13.72	30.025	.....	.....	.299	82.0	.....	14.788	25.09	1.27	25.04	3.72	{ 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.....	33	2967	193	400	700	2132	2327	3144	0
Duration in hours...	7	177	15	33	58	126	147	162	16
Mean Velocity.....	4.7	16.8	10.7	12.1	12.1	16.9	15.8	19.4	0

Total mileage, 11896.
Resultant direction, N 61° 44' W.
Resultant mileage, 3948.

The greatest mileage in one hour was 39 on the 22nd.

The greatest heat was 47.8° above zero on the 1st. The greatest cold was 15.6° below zero on the 26th. This gives a range of 63.4°.

The warmest day was the 1st. The coldest day was the 26th.

The highest barometer reading was 30.72 on the 5th. The lowest barometer reading was 29.14 on the 14th. This gives a range of 1.58 inches.

The minimum relative humidity observed was 33 on the 7th.

Fog on 3 days.

* 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.

§ 27 years means.

¶ 33 years means.