

ABSTRACT FOR THE MONTH OF OCTOBER 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	51.7	56.9	47.3	9.6	30.24	30.29	30.16	.13	64	W	9.6	63	...	...	...	1
2	55.6	62.4	46.5	15.9	30.23	30.35	30.22	.13	63	W	11.7	97	...	...	...	2
3	60.1	69.8	50.6	19.2	30.12	30.20	30.05	.15	54	W	12.0	95	...	...	...	3
SUNDAY.....4	62.6	71.2	51.5	19.7	30.06	30.12	30.01	.11	53	SW	10.4	94	...	...	...	4.....SUNDAY
5	62.4	70.4	54.9	15.5	30.02	30.18	29.95	.23	61	W	12.7	80	T	...	...	5
6	45.6	54.9	38.7	16.2	30.35	30.41	30.25	.16	50	NE	10.4	91	...	...	...	6
7	48.1	57.2	35.9	21.3	30.16	30.30	30.00	.30	52	W	7.8	85	...	...	...	7
8	55.8	62.9	52.0	10.9	29.98	29.99	29.96	.03	81	W	8.3	0	.20	...	.20	8
9	54.8	57.6	52.9	4.7	29.99	30.03	29.97	.06	83	NE	7.4	0	.05	...	.05	9
10	60.5	66.2	52.9	13.3	29.90	29.98	29.83	.15	82	SW	11.0	1	.29	...	.29	10
SUNDAY.....11	64.2	71.2	57.0	14.2	29.75	29.82	29.68	.14	60	SW	13.4	54	.07	...	0.7	11.....SUNDAY
12	47.9	59.2	37.6	21.6	30.02	30.28	29.8	.44	60	NW	12.1	64	...	...	...	12
13	37.2	43.0	32.3	10.7	30.48	30.57	30.33	.24	58	E	6.3	92	...	...	...	13
14	42.2	51.1	33.9	17.2	30.51	30.60	30.38	.22	59	S	6.5	92	...	...	...	14
15	48.6	55.2	38.6	16.6	30.16	30.34	30.03	.31	73	SW	10.2	3	.33	...	.33	15
16	52.8	55.7	49.0	6.7	30.06	30.11	29.97	.14	71	NE	9.0	0	.05	...	.05	16
17	54.2	59.2	48.7	10.5	29.81	29.93	29.72	.21	82	S	8.4	0	.76	...	.76	17
SUNDAY.....18	54.5	59.2	49.8	9.4	29.59	29.96	29.79	.17	80	NE	10.3	8	T	...	T	18.....SUNDAY
19	46.8	49.8	44.0	5.8	30.02	30.13	29.95	.18	76	NE	12.4	0	.18	...	.18	19
20	50.1	57.9	42.9	15.0	30.17	30.21	30.13	.08	74	SW	8.2	34	...	...	...	20
21	62.0	69.4	54.8	14.6	30.07	30.15	29.97	.18	56	SW	13.5	89	...	...	...	21
22	49.1	62.0	40.5	21.5	30.35	30.51	30.13	.38	45	NE	11.6	96	...	...	...	22
23	44.2	54.2	34.5	19.7	30.33	30.52	30.01	.51	51	SW	9.3	92	...	...	...	23
24	45.4	50.7	39.2	11.5	30.08	30.17	29.95	.22	53	NE	12.3	73	...	...	...	24
SUNDAY.....25	42.5	48.2	34.8	13.4	29.90	30.16	29.71	.45	54	SW	8.4	35	T	...	T	25.....SUNDAY
26	39.7	48.5	32.0	16.5	29.67	29.85	29.55	.30	67	SW	12.5	0	.10	...	.12	26
27	28.7	32.0	24.8	7.2	29.90	29.94	29.85	.09	52	NW	12.1	41	T	...	T	27
28	37.1	47.2	24.4	22.8	29.77	29.84	29.71	.13	74	SW	12.6	20	.08	0.4	.10	28
29	40.8	42.8	36.8	6.0	29.90	29.96	29.84	.12	71	S	7.2	0	.07	...	.07	29
30	40.9	43.6	35.7	7.9	29.79	29.90	29.71	.19	76	NW	8.1	0	.12	...	.12	30
31	39.7	45.9	30.6	15.3	29.90	30.05	29.86	.19	55	NW	11.1	88	...	...	...	31
Means.....	49.159	55.98	42.10	13.88	30.050	30.156	29.952	.205	61.55	NW	10.22	48.80	2.33	0.0	2.39	.....Sums
40 Years means for and including this month.	46.38	53.23	39.58	13.72	30.014	.....	.....	.225	75.79		13.275	41.725	3.05	0.84	3.13	(40 Years means for and including this month.

ANALYSIS OF WIND RECORD.

Direction	N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALMS
Miles.....	501	1513	360	167	385	1081	1581	1118	0
Duration in hours...	54	148	49	20	55	175	143	96	4
Mean Velocity.....	9.3	10.2	7.3	8.3	7.0	11.3	11.1	11.6	0

Total mileage, 7606.
Resultant direction, N 78° W.
Resultant mileage, 2270.

The greatest heat was 71.2° above zero on the 4th and 11th. The greatest cold was 24.4° above zero on the 28th, giving a range of 46.8°.

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

The highest barometer reading was 30.60 on the 14th. The lowest barometer reading was 29.55 on the 26th. This gives a range of 1.05 inches.

The minimum relative humidity observed was 29 on the 7th.

Fog on 4 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 instrument.

§ 27 years means.

¶ 33 years means.