

ABSTRACT FOR THE MONTH OF SEPTEMBER 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	68.5	78.2	53.3	19.9	29.92	29.98	29.83	.15	76	SW	8.8	29	.18	...	.18	1
2	73.9	82.9	68.2	14.7	29.79	29.84	29.73	.11	75	W	11.5	47	.76	...	.76	2
3	66.2	73.9	58.0	15.9	29.88	29.98	29.81	.17	58	W	11.4	94	...	...	...	3
4	61.9	69.2	55.2	14.0	29.84	29.96	29.79	.17	61	W	11.6	68	.10	...	.10	4
5	60.4	69.4	52.0	17.4	30.02	30.07	29.97	.10	60	W	10.5	98	...	...	...	5
SUNDAY.....6	58.4	62.0	55.6	6.4	29.83	29.98	29.66	.32	79	S	10.5	0	.36	...	.36	6.....SUNDAY
7	58.1	66.0	50.0	16.0	29.73	29.89	29.65	.24	79	NW	9.7	16	.24	...	.24	7
8	51.8	59.3	47.9	11.4	30.04	30.16	29.90	.26	67	NW	11.5	39	.12	...	.12	8
9	51.5	57.2	46.2	11.0	30.23	30.26	30.17	.09	62	NW	9.6	41	...	...	...	9
10	52.5	58.2	47.0	11.2	30.24	30.28	30.19	.09	59	NE	7.0	34	T	...	T	10
11	53.9	62.3	46.4	15.9	30.21	30.24	30.18	.06	62	NE	5.5	79	...	...	...	11
12	55.8	67.2	44.5	22.7	30.30	30.39	30.23	.16	56	W	4.5	93	...	...	...	12
SUNDAY.....13	57.2	69.4	46.6	22.8	30.46	30.51	30.40	.11	60	S	3.6	92	...	...	...	13.....SUNDAY
14	59.6	69.0	48.4	21.5	30.46	30.53	30.38	.15	65	S	5.0	81	...	...	...	14
15	61.7	72.7	49.3	23.4	30.35	30.40	30.32	.08	64	W	6.8	84	...	...	...	15
16	62.1	73.6	50.4	23.2	30.39	30.44	30.34	.10	65	W	5.3	92	...	...	...	16
17	66.0	77.3	51.2	26.1	30.30	30.38	30.21	.17	59	W	8.0	91	...	...	...	17
18	67.0	73.8	60.0	13.8	30.20	30.25	30.16	.09	53	NE	9.5	79	...	...	...	18
19	59.4	69.3	50.9	18.4	30.16	30.23	30.10	.13	55	NE	7.6	97	...	...	...	19
SUNDAY.....20	64.7	74.3	51.5	22.8	29.99	30.10	29.86	.24	65	SW	13.2	57	...	...	...	20.....SUNDAY
21	71.4	79.1	63.8	15.3	29.98	30.03	29.94	.09	64	W	13.5	87	...	...	...	21
22	75.0	84.2	68.5	15.7	29.88	29.97	29.78	.19	61	W	13.9	92	...	...	...	22
23	68.6	78.2	60.0	18.2	29.82	29.88	29.79	.09	75	NW	12.1	40	.01	...	.01	23
24	57.0	60.1	52.8	7.3	29.86	29.89	29.83	.06	81	W	6.5	0	.26	...	.26	24
25	52.7	57.2	46.1	11.1	29.96	30.11	29.84	.27	72	NW	10.5	38	.15	...	.15	25
26	48.0	54.2	41.0	13.2	30.11	30.16	30.03	.13	52	NW	11.3	95	.01	...	.01	26
SUNDAY.....27	46.0	52.6	42.0	10.6	30.12	30.27	29.95	.32	73	N	8.7	35	.35	...	.35	27.....SUNDAY
28	42.5	47.1	36.5	10.6	30.38	30.43	30.28	.15	54	NE	9.1	53	...	...	...	28
29	42.5	51.4	32.1	19.3	30.24	30.43	29.96	.47	62	S	6.8	70	.02	...	.02	29
30	47.8	52.0	44.0	8.0	29.98	30.14	29.87	.27	79	N	8.0	0	T	...	T	30
Means.....	58.759	66.74	50.81	15.93	30.090	30.173	30.005	.108	65.11		9.08	67.35	2.56	...	2.56	Sums
40 Years means for and including this month.	58.46	66.24	50.86	15.38	30.021			.192			12.119	53.129	3.46	...	3.46	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	N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALMS
Miles.....	232	770	95	112	476	1068	1890	1595	0
Duration in hours...	33	94	17	18	61	108	190	182	17
Mean Velocity.....	7.0	8.2	5.6	6.2	7.8	9.9	9.9	10.4	0

Total mileage, 6538.
Resultant direction, N 76° 9' W.
Resultant mileage, 3365

The greatest heat was 84.2° above zero on the 22nd. The greatest cold was 32.1° above zero on the 29th, giving a range of 52.1°.

The warmest day was the 22nd. The coldest day was the 29th. (28th had the same mean temperature.)

The highest barometer reading was 30.53 on the 14th. The lowest barometer reading was 29.65 on the 7th. This gives a range of .88 of an inch.

The minimum relative humidity observed was 31 on the 26th.

Fog on 2 days.

Hail on 1 day.

Aurora on 1 day.

* 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.

§ 26 years means.

¶ 33 years means.