

ABSTRACT FOR THE MONTH OF OCTOBER, 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. possible Sunshine.	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.						
1	59.1	65.0	5.0	14.0	30.03	30.14	29.96	.18	91	S.E.	17.5	68	.22	...	.22	1	
2	56.2	64.5	45.0	15.5	30.26	30.38	29.97	.41	65	N.W.	14.4	94	.05	...	.05	2	
3	56.3	65.6	44.0	21.6	30.31	30.41	30.17	.24	70	N.E.	7.9	69	....	....	....	3	
SUNDAY.....	4	57.3	60.1	53.8	6.3	30.05	30.17	29.97	.20	81	S.E.	17.8		.11		.11	4.....SUNDAY
5	61.1	66.8	57.4	9.4	29.99	30.08	29.96	.12	73	S.E.	15.7	52	.10	....	.10	5	
6	55.0	64.0	47.0	17.0	30.19	30.22	30.08	.14	64	N.W.	9.0	93	....	....	....	6	
7	56.1	65.2	46.0	19.2	30.09	30.21	29.98	.23	70	N.E.	15.3	....	.44	....	.44	7	
8	56.2	65.1	49.2	15.9	29.88	29.98	29.79	.19	88	N.E.	18.4	....	.35	....	.35	8	
9	51.7	54.9	49.0	5.9	30.00	30.07	29.94	.13	97	N.W.	6.6	....	.85	....	.85	9	
10	51.2	55.6	46.0	9.6	30.20	30.29	30.07	.22	77	N.W.	17.4	32	.03	....	.03	10	
SUNDAY.....	11	49.2	54.1	42.0	12.1	30.20	30.28	30.09	.19	74	N.W.	22.0	92				11.....SUNDAY
12	51.1	56.7	44.8	11.9	30.05	30.09	30.01	.08	75	N.W.	13.3	93	....	....	....	12	
13	52.8	59.5	45.5	14.0	30.05	30.14	29.96	.18	74	S.W.	13.3	87	....	....	....	13	
14	51.2	56.4	46.2	10.2	29.93	30.01	29.91	.10	64	S.W.	11.0	53	....	....	....	14	
15	47.8	51.0	40.4	13.6	30.03	30.10	29.94	.16	63	N.E.	7.9	74	....	....	....	15	
16	54.3	59.3	47.0	12.3	29.89	29.96	29.83	.13	80	S.E.	15.3	94	.03	....	.03	16	
17	56.6	64.0	52.2	11.8	29.70	29.84	29.49	.35	96	S.E.	15.0	23	.65	....	.65	17	
SUNDAY.....	18	44.2	57.8	33.9	23.9	29.63	29.91	29.42	.49	64	S.W.	13.5	29	.20	.00	.20	18.....SUNDAY
19	56.8	64.3	30.1	17.2	29.88	29.96	29.74	.22	85	S.E.	12.1	....	.03	.00	.03	19	
20	52.0	60.7	42.2	18.5	29.69	29.95	29.55	.40	59	S.E.	20.0	39	....	....	....	20	
21	40.9	51.5	34.5	17.0	30.13	30.24	29.95	.29	63	S.W.	11.8	68	....	....	....	21	
22	46.9	57.0	35.5	21.5	29.99	30.26	29.71	.55	71	S.E.	22.2	63	.29	....	.29	22	
23	45.7	57.0	39.2	17.8	29.94	30.07	29.80	.27	79	S.W.	12.3	....	.66	....	.66	23	
24	34.7	43.3	30.0	13.3	30.07	30.12	30.02	.10	67	S.W.	13.6	91	....	....	....	24	
SUNDAY.....	25	40.2	47.0	30.0	17.0	29.80	30.02	29.57	.45	80	S.E.	14.3	93	.03	.03	.03	25.....SUNDAY
26	33.0	45.0	28.0	17.0	29.76	29.92	29.57	.35	77	S.W.	24.7	52	.05	1.5	.20	26	
27	31.7	34.9	29.0	5.9	30.05	30.11	29.92	.19	86	S.W.	22.1	13	....	.00	.60	27	
28	32.0	37.8	25.2	12.6	30.08	30.12	30.05	.07	68	S.W.	16.5	45	....	....	....	28	
29	43.6	56.2	30.6	25.6	29.94	30.06	29.81	.25	78	S.E.	26.3	69	....	....	....	29	
30	50.6	58.2	43.0	15.2	30.00	30.05	29.90	.15	77	S.	25.3	76	....	....	....	30	
31	51.2	58.5	45.3	13.2	30.03	30.10	29.97	.13	77	S.E.	25.0	27	.07	....	.07	31	
Means.....	48.58	56.2	41.5	14.7	29.995	30.10	29.87	.23	74.6	S. S' W	16.4	38.4	3.56	1.5	3.71	Sums.....	
29 Years means for and including this month.....	45.99	53.0	39.1	13.9	30.013	.....	.....	.22	77.0	.....	2	41.3	3.03	1.0	3.13	{ 29 Years means for and including this month.	

ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CALM.
Miles.....	265	848	541	3256	2320	2577	997	101	
Duration in hrs..	37	59	32	168	116	143	91	98	
Mean velocity....	7.2	14.4	16.9	18.9	20.0	18.0	10.9	16.1	

Greatest mileage in one hour was 35 on the 29th.
Greatest velocity in gusts was 48 on the 29th.
Resultant mileage, 4,392

Resultant direction, S. 5° W.
Total mileage, 12,223.

* 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 8, 15 and 20 hours.

§ 22 years only. ¶ 17 years only.

The greatest heat was 66.8 above zero on the 5th. The greatest cold was 25.2 above zero on the 25th, giving a range of temperature of 41.6 degrees.

Warmest day was the 5th. Coldest day was the 27th.

Highest barometer reading was 30.41 on the 3rd; lowest barometer was 29.42 on the 15th, giving a range of .99 inches.

Minimum relative humidity observed, was 34 on the 2nd.

Rain fell on 17 days.

Snow fell on 4 days.

Rain and snow on 3 days.

Lunar halos observed on 2 nights

Auroras were observed on 3 nights.