

ABSTRACT FOR THE MONTH OF APRIL, 1902.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				* BAROMETER.				† Mean relative humidity.	WIND.		‡ Mean velocity in miles per hour	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	34.8	37.7	32.7	5.0													
2	38.0	44.7	33.8	10.9	29.21	29.25	29.19	.06	94	W.	12.5	00	0.21	2.0	0.41	1	
3	37.2	42.8	31.1	11.7	29.32	29.54	29.19	.35	79	W.	22.3	00	0.16	.....	0.16	2
4	37.0	43.0	31.0	12.0	29.80	30.01	29.54	.47	66	W.	17.7	62	.....	.....	.....	3
5	39.4	46.7	29.9	16.8	30.02	30.08	29.99	.09	65	W.	7.6	04	.....	.....	.....	4
SUNDAY.....					29.95	30.00	29.89	.11	71	W.	4.8	75	.....	.....	.....	5
6	43.3	52.8	31.4	21.4	29.89	29.94	29.83	.11	59	S.E.	6.9	83	.....	.....	.....	6.....SUNDAY
7	45.1	56.8	32.9	23.9	29.99	30.12	29.86	.26	65	E.	7.9	85	.....	.....	.....	7
8	47.1	58.0	32.8	20.2	30.11	30.19	30.03	.16	60	N.E.	18.1	05	.....	.....	.....	8
9	41.5	43.0	36.2	6.8	29.84	29.96	29.76	.20	62	N.E.	36.0	00	0.04	.....	0.04	9
10	36.4	39.0	33.7	5.3	29.80	29.83	29.79	.04	89	N.E.	21.7	00	0.01	.....	0.01	10
11	38.5	43.2	33.5	9.7	29.81	29.84	29.77	.07	76	N.E.	8.9	00	0.01	.....	0.01	11
12	38.7	42.7	33.1	9.6	29.67	29.77	29.62	.15	87	E.	4.7	00	r	1.4	0.14	12	
SUNDAY.....																	
13	41.4	47.0	36.0	11.0	29.66	29.81	29.59	.22	64	N.W.	17.4	05	0.26	.....	0.26	13.....SUNDAY
14	37.4	47.0	32.0	15.0	29.98	30.06	29.81	.25	53	N.W.	17.1	31	.....	.....	.....	14
15	46.2	57.8	35.9	21.9	30.04	30.10	29.97	.13	48	W.	23.0	80	.....	.....	.....	15
16	47.9	56.8	35.7	21.1	30.01	30.08	29.97	.11	45	S.	10.9	88	.....	.....	.....	16
17	48.3	55.0	41.5	13.5	29.89	29.95	29.85	.10	65	S.E.	7.6	00	r	.....	0.00	17
18	47.2	54.6	40.7	13.9	29.96	29.99	29.91	.08	69	S.E.	5.8	51	r	.....	0.00	18
19	48.1	60.0	36.0	24.0	29.93	29.98	29.89	.09	69	S.E.	10.7	12	.....	.....	.....	19
SUNDAY.....																	
20	48.5	55.0	43.7	11.3	29.90	29.93	29.88	.05	64	W.	16.8	50	0.18	.....	0.18	20.....SUNDAY
21	44.0	49.6	39.3	10.3	30.00	30.08	29.81	.28	59	W.	13.2	11	0.04	.....	0.04	21
22	42.3	50.0	38.5	11.5	29.83	29.98	29.78	.20	88	N.E.	15.0	25	0.11	.....	0.11	22
23	50.3	72.0	37.3	34.7	29.71	29.80	29.59	.21	65	W.	24.6	34	r	.....	0.00	23
24	41.4	46.5	36.4	10.1	30.02	30.19	29.80	.39	46	W.	24.2	23	r	.....	0.00	24
25	44.4	53.6	34.0	19.6	30.19	30.26	30.07	.19	49	S.W.	13.8	00	.....	.....	.....	25
26	47.3	54.0	43.5	10.5	29.63	30.07	29.38	.69	87	S.E.	20.3	00	0.80	.....	0.80	26
SUNDAY.....																	
27	46.4	50.7	41.8	8.9	29.64	29.90	29.44	.46	76	W.	25.6	00	0.03	.....	0.03	27.....SUNDAY
28	55.0	65.0	42.0	23.0	30.05	30.13	29.90	.23	54	W.	17.8	95	.....	.....	.....	28
29	61.7	75.2	46.6	28.6	30.09	30.18	29.96	.22	45	S.E.	10.8	91	0.05	.....	0.05	29
30	56.9	64.5	52.2	12.3	29.89	29.96	29.82	.14	80	S.W.	16.5	08	0.65	.....	0.65	30
Means.....	44.38	52.16	37.01	15.15	29.856	29.97	29.77	.20	66.6	N. 71° W.	15.31	30.6	2.55	3.4	2.89	.....Sums.
88 Years means for and including this month.....	40.72	49.14	32.97	16.17	29.960	.....	.....	.20	66.8	.....	‡ 16.98	‡ 50.5	1.74	5.1	2.26	.....Sums. for and including this month.

ANALYSIS OF WIND RECORD.

Direction.....	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	CALM.
Miles.....	358	2334	383	1232	434	689	4526	1086	
Duration in hrs..	33	120	50	110	43	47	255	59	3
Mean velocity....	10.8	19.4	7.7	11.2	10.1	14.7	17.7	18.4	

Greatest mileage in one hour was 43 on the 23rd.
Greatest velocity in gusts was 48 on the 9th & 23rd.

Resultant mileage, 3,050.
Resultant direction, N. 71° W.
Total mileage, 11,040.

* 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.

‡ 21 years only. ‡ 16 years only.

The greatest heat was 75.2° above zero on the 29th; the greatest cold was 29.9° above zero on the 5th; giving a range of temperature of 45.3°. Warmest day was the 29th. Coldest day was the 1st.

Highest barometer reading was 30.26 on the 25th; lowest barometer was 29.19 on the 1st and 2nd; giving a range of 1.07 inches.

Minimum relative humidity observed was 26 on the 29th.

Rain fell on 18 days.

Snow fell on 3 days.

Rain or snow fell on 18 days.

Lunar halo on the 18th.

Thunder and lightning on the 26th and 30th.