

# ABSTRACT FOR THE MONTH OF APRIL, 1905.

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	34.1	39.0	29.0	10.0	30.25	30.32	30.21	.11	76	N.W.	21.3	86	....	....	....	1
SUNDAY..... 2	29.9	30.3	21.0	13.3	30.33	30.39	30.28	.11	84	N.W.	14.3	91	....	....	....	2 .....SUNDAY
3	39.0	46.0	30.1	15.9	30.14	30.28	29.92	.36	49	N.W.	13.5	89	....	....	....	3
4	47.4	48.0	37.0	11.0	29.75	29.92	29.69	.23	72	S.	18.3	..	....	....	....	4
5	45.6	52.0	41.2	10.8	29.75	29.80	29.70	.10	60	S.W.	15.8	62	.06	....	.06	5
6	37.2	45.7	33.5	12.2	29.42	29.71	29.27	.44	90	N.W.	20.4	62	.12	....	.12	6
7	35.0	49.1	31.2	8.9	29.59	29.64	29.50	.14	62	W.	16.8	62	.06	....	.06	7
8	34.3	42.0	27.4	14.6	29.68	29.72	29.64	.08	59	W.	18.4	60	....	....	....	8
SUNDAY..... 9	40.8	50.9	31.2	19.7	29.72	29.74	29.65	.09	58	W.	21.3	39	.01	....	.01	9 .....SUNDAY
10	45.8	48.9	42.5	6.4	29.62	29.67	29.53	.14	75	S.W.	16.8	97	.00	....	.00	10
11	42.5	53.2	31.0	22.2	29.67	29.74	29.59	.15	80	S.W.	6.8	80	.03	....	.08	11
12	41.7	47.5	36.4	11.1	29.78	29.85	29.63	.22	61	N.W.	0.6	92	.12	....	.12	12
13	47.5	60.9	33.0	27.9	29.70	29.84	29.59	.25	55	S.W.	16.8	73	....	....	....	13
14	39.2	47.8	32.0	15.8	29.75	29.80	29.63	.17	50	N.	10.2	32	....	....	....	14
15	38.3	43.7	31.2	12.5	29.75	29.82	29.66	.16	34	N.W.	11.3	72	....	....	....	15
SUNDAY..... 16	33.9	39.4	30.0	9.4	29.52	29.66	29.43	.23	82	W	15.4	40	....	0.1	.01	16 .....SUNDAY
17	32.2	36.5	27.3	9.2	29.52	29.70	29.44	.26	81	N.W.	24.8	..	....	0.1	.01	17
18	32.6	38.0	25.8	12.2	29.84	29.93	29.70	.23	75	N.W.	23.6	80	....	....	....	18
19	41.8	50.3	30.3	20.0	29.87	29.97	29.73	.24	53	W	27.0	27	....	....	....	19
20	48.4	55.9	42.5	13.4	29.73	29.80	29.68	.12	62	W	21.4	..	....	....	.01	20
21	34.2	50.6	30.0	20.6	29.85	29.94	29.79	.15	77	N.	20.8	..	.01	....	.23	21
22	39.6	47.1	31.0	16.1	30.10	30.17	29.94	.23	58	N.W.	13.5	75	....	....	....	22
SUNDAY..... 23	42.3	49.7	34.1	15.6	30.28	30.33	30.17	.16	48	N.W.	13.0	56	....	....	....	23 .....SUNDAY
24	41.5	54.6	34.5	20.1	30.10	30.32	29.89	.43	70	N.W.	25.2	97	.19	....	.19	24
25	44.0	55.8	34.0	21.8	29.93	30.07	29.74	.33	49	N.W.	25.0	56	....	....	....	25
26	51.6	66.5	44.2	22.3	29.60	29.74	29.47	.27	39	W	27.7	87	....	....	....	26
27	50.2	59.5	40.6	18.9	29.68	29.77	29.60	.17	50	N.E.	14.4	84	....	....	....	27
28	55.0	68.2	36.4	31.8	29.78	29.87	29.70	.17	48	S.	8.8	94	....	....	....	28
29	53.9	62.3	50.0	12.5	29.59	29.70	29.49	.21	63	S.W.	25.6	..	.04	....	.04	29
SUNDAY..... 30	41.7	54.0	39.6	14.4	29.74	29.81	29.64	.17	76	N.W.	11.6	24	.03	....	.03	30 .....SUNDAY
Means.....	41.39	49.8	33.9	15.9	29.201	29.90	29.70	.20	63.2	N 79° W	17.61	46.3	1.09	2.5	1.34	.....Sums.....
31 Years means for and including this month.....	40.21	49.2	33.0	16.2	29.955	.....	.....	.20	66.8	.....	16.36	49.3	1.76	5.0	2.23	31 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.....	1518	65	79	....	1455	1021	5454	3091	
Duration in hrs..	100	6	10	....	97	57	265	185	
Mean velocity....	15.2	10.8	7.9	....	15.0	17.9	20.6	16.7	

Greatest mileage in one hour was 44 on the 25th.  
 Greatest velocity in gusts was 60 on the 25th  
 Resultant mileage 8,386

Resultant direction, N-79°W.  
 Total mileage, 12,683.

\* 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.

§ 24 years only. ¶ 19 years only.

The greatest heat was 68.2° above zero on the 28th. The greatest cold was 21.0° above zero on the 2nd, giving a range of temperature of 47.2 degrees.

Warmest day was the 28th. Coldest day was the 2nd.

Highest barometer reading was 30.39 on the 2nd; lowest barometer was 29.27 on the 6th, giving a range of 1.12 inches.

Minimum relative humidity observed, was 24 on the 28th.

Rain fell on 12 days.

Snow fell on 3 days.

Thunder on the 20th.

Auroras on 3 nights.

Halos on 3 nights.