

# ABSTRACT FOR THE MONTH OF APRIL, 1901.

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	34.97	38.2	31.2	7.0	29.88	30.06	29.66	.40	88	N.W.	17.0	00	0.04	1.3	0.22	1
2	37.18	40.8	34.0	6.8	30.07	30.13	29.99	.14	83	N.	6.9	44	0.01	....	0.01	2
3	36.01	37.5	34.1	4.4	29.83	29.99	29.69	.30	93	N.E.	19.6	00	0.63	....	0.63	3
4	36.21	40.8	34.0	6.8	29.69	29.74	29.62	.12	89	N.E.	29.4	18	0.15	....	0.15	4
5	34.79	38.5	33.0	5.5	29.78	29.81	29.72	.09	94	N.E.	15.7	00	0.02	....	0.02	5
6	34.54	36.8	32.3	4.5	29.73	29.79	29.71	.08	97	N.E.	10.8	00	0.02	0.0	0.02	6
SUNDAY..... 7	34.53	25.8	32.3	3.5	29.67	29.73	29.61	.12	96	N.E.	25.7	00	1.00	....	1.00	7.....SUNDAY
8	35.33	36.7	33.4	3.3	29.67	29.72	29.61	.11	95	N.E.	19.4	00	0.43	....	0.43	8
9	38.80	41.7	37.0	4.7	29.80	29.91	29.72	.19	92	N.	19.4	00	0.24	....	0.24	9
10	38.40	44.0	35.0	9.0	30.08	30.19	29.91	.28	63	N.E.	23.2	09	....	....	....	10
11	37.88	46.0	39.7	15.3	30.23	30.29	30.18	.11	51	N.E.	18.0	95	....	....	....	11
12	40.09	50.0	29.0	21.0	30.27	30.34	30.19	.15	47	N.E.	10.0	95	....	....	....	12
13	45.22	56.0	32.1	23.9	30.15	30.21	30.09	.12	50	N.E.	7.6	95	....	....	....	13
SUNDAY..... 14	48.42	60.4	35.4	25.0	30.09	30.13	30.03	.10	53	E.	8.7	81	....	....	....	14.....SUNDAY
15	50.80	63.0	39.9	20.1	30.08	30.13	30.04	.09	57	N.E.	10.8	48	....	....	....	15
16	48.22	60.2	35.2	22.0	30.14	30.19	30.04	.15	70	N.E.	11.6	70	....	....	....	16
17	49.99	62.1	35.4	26.7	30.13	30.22	30.05	.17	57	S.E.	11.2	94	....	....	....	17
18	49.76	58.0	41.1	16.9	29.93	30.05	29.88	.20	57	S.	24.2	42	0.00	....	0.00	18
19	42.15	49.6	36.0	13.6	30.14	30.27	29.95	.32	94	W.	16.7	00	0.44	....	0.44	19
20	36.18	37.9	34.0	3.9	30.18	30.26	30.11	.15	88	N.E.	28.7	00	....	....	....	20
SUNDAY..... 21	43.74	54.7	35.9	18.8	30.06	30.11	30.00	.11	87	N.E.	25.4	01	0.08	....	0.08	21.....SUNDAY
22	40.35	53.5	42.0	11.5	30.06	30.12	30.01	.11	93	N.E.	22.6	01	0.11	....	0.11	22
23	45.40	54.0	42.1	11.9	30.17	30.21	30.12	.09	88	N.E.	23.0	41	0.23	....	0.23	23
24	47.87	57.6	40.0	17.6	30.05	30.15	29.99	.16	81	N.E.	21.0	00	0.18	....	0.18	24
25	53.62	65.0	45.8	19.2	30.02	30.13	29.96	.17	49	N.E.	27.8	78	....	....	....	25
26	47.95	58.6	39.7	21.9	30.28	30.34	30.13	.21	47	N.E.	19.9	96	....	....	....	26
27	51.83	66.0	36.4	29.6	30.42	30.48	30.34	.14	54	N.E.	7.4	96	....	....	....	27
SUNDAY..... 28	62.61	75.2	43.7	31.5	30.41	30.47	30.34	.13	38	S.W.	14.8	98	....	....	....	28.....SUNDAY
29	55.25	65.0	46.5	18.5	30.35	30.42	30.29	.13	75	N.E.	16.9	70	....	....	....	29
30	44.27	47.7	41.5	6.2	30.07	30.29	29.93	.36	93	N.E.	10.5	00	0.42	....	0.42	30
Means.....	43.61	50.98	36.62	14.35	30.049	30.130	29.964	.167	73.9	N. 14° 33' E.	17.47	32.3	4.01	1.3	4.19	.....Sums.
27 Years means for and including this month.....	40.59	49.02	32.82	16.21	29.967	.....	.....	.200	66.7	....	\$ 16.34	51.45	1.712	5.14	2.236	{ 27 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.....	718	9057	449	308	204	316	539	385	
Duration in hrs..	36	473	47	29	47	24	31	33	
Mean velocity....	19.9	19.1	9.5	10.1	17.1	13.2	17.4	11.7	

Greatest mileage in one hour was 43 on the 4th  
 Greatest velocity in gusts was 45 miles per hour on the 4th.  
 Resultant mileage, 12,242.

Resultant direction, N. 44° 3' E.  
 Total mileage, 12,576.

\* 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.  
 § 20 years only. ¶ 15 years only.  
 The greatest heat was 75.2 on the 28th; the greatest cold was 30.7 on the 11th, giving a range of temperature of 44.5 degrees.  
 Warmest day was the 24th. Coldest day was the 7th. Highest barometer reading was 30.48 on the 27th. Lowest barometer was 29.61 on the 7th, giving a range of .87 inches.  
 Minimum relative humidity observed was 26 on the 28th.

Rain fell on 16 days.  
 Snow fell on 2 days.  
 Rain or snow fell on 16 days.  
 Lunar corona on the 27th.  
 Fog on the 6th and 7th.