

ABSTRACT FOR THE MONTH OF APRIL, 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	41.2	49.8	36.6	13.2	29.91	30.05	29.67	.38	59	N.W.	15.7	73	....	....	....	1
2	43.8	53.5	31.8	21.7	29.86	30.10	29.54	.56	61	S.E.	23.0	..	0.03	....	....	2
3	45.8	55.1	30.8	24.3	29.41	29.54	29.34	.20	91	N.E.	21.0	..	0.61	1.22	0.63	3
4	23.9	40.2	20.0	20.2	29.75	30.04	29.44	.60	75	N.	20.5	..	....	2.6	0.35	4
SUNDAY.....	21.9	28.6	12.8	15.8	30.30	30.40	30.04	.36	83	S.W.	19.5	87	....	....	....	5
6	30.7	36.2	21.0	15.2	30.35	30.48	30.17	.31	67	S.E.	10.3	..	....	....	....	6
7	40.2	44.5	33.0	11.5	29.87	30.17	29.73	.44	95	S.	20.3	..	0.79	....	0.79	7
8	46.6	56.1	38.0	18.1	29.80	29.84	29.75	.09	73	S.W.	15.1	27	0.13	....	0.13	8
9	45.3	53.3	36.2	17.1	29.81	29.86	29.77	.09	74	W.	11.8	86	0.00	....	0.00	9
10	44.3	52.6	38.8	13.8	30.03	30.16	29.84	.32	65	N.E.	11.6	41	....	....	....	10
11	41.3	48.0	33.8	14.2	30.15	30.21	30.11	.10	60	N.	11.0	73	....	....	....	11
SUNDAY.....	44.0	54.7	34.5	20.2	29.99	30.11	29.88	.23	55	N.E.	12.4	85	....	....	....	12
13	43.3	54.1	32.4	21.7	29.96	30.00	29.92	.08	73	N.E.	17.0	70	....	....	....	13
14	48.6	59.5	36.8	22.7	29.92	29.96	29.89	.07	63	E.	15.4	64	....	....	....	14
15	47.0	54.4	39.5	14.9	29.89	29.94	29.85	.09	67	N.E.	19.1	75	....	....	....	15
16	45.4	51.8	39.5	12.3	29.82	29.85	29.78	.07	65	N.E.	10.2	..	0.00	....	0.00	16
17	42.1	52.1	32.5	19.6	29.79	29.88	29.67	.21	54	N.	18.4	52	....	....	....	17
18	39.5	46.0	31.0	15.0	29.62	29.68	29.54	.14	61	N.W.	17.5	65	....	0.3	0.07	18
SUNDAY.....	40.1	49.5	33.9	15.6	29.67	29.70	29.62	.08	53	N.W.	18.3	21	....	....	....	19
20	38.0	46.0	30.2	15.8	29.71	29.74	29.67	.07	64	N.W.	13.8	42	....	....	....	20
21	39.0	46.7	30.9	15.8	29.75	29.80	29.72	.08	67	W.	11.9	29	....	....	....	21
22	46.5	52.6	40.8	11.8	29.83	29.87	29.80	.07	61	N.	10.1	..	....	....	....	22
23	47.1	54.2	42.0	12.2	29.91	29.99	29.86	.13	63	S.W.	7.1	67	....	....	....	23
24	47.2	57.2	38.6	18.4	29.93	29.97	29.88	.09	57	S.W.	16.0	63	....	....	....	24
25	43.7	52.0	35.1	16.9	30.03	30.10	29.97	.13	49	N.	13.1	67	....	....	....	25
SUNDAY.....	45.5	54.4	32.9	21.5	30.09	30.16	30.02	.14	50	N.E.	5.1	27	....	....	....	26
27	52.5	64.0	37.0	27.0	30.14	30.18	30.05	.13	49	S.W.	12.9	60	....	....	....	27
28	58.6	69.8	42.5	27.3	29.89	30.17	29.81	.36	53	S.W.	30.1	80	....	....	....	28
29	63.7	73.0	54.9	18.1	29.99	30.02	29.83	.19	55	S.W.	17.0	52	....	....	....	29
30	65.2	82.2	47.9	34.3	29.70	29.94	29.42	.52	50	S.W.	16.7	62	....	....	....	30
Means.....	44.06	53.07	34.86	18.21	29.895	29.997	29.756	.211	63.8	N 51° W.	15.75	43.0	1.61	4.3	2.22	Sum.
29 Years means for and including this month	40.84	49.27	33.03	16.24	29.961	.....	.....	.201	65.7	....	16.25	50.1	1.737	5.06	2.255	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.	Caln.
Miles	2223	1734	597	593	982	2259	1489	1554	
Duration in hrs..	146	109	52	25	61	117	117	90	3
Mean velocity....	15.2	16.0	11.5	20.1	16.1	19.3	12.7	17.3	

Greatest mileage in one hour was 48 on the 30th.

Greatest velocity in gusts was 72 on the 30th.

Resultant mileage, 2,574.

Resultant direction, N 51° W.

Total mileage, 11,341.

* Barometer readings reduced to sea-level and temperature 32° Fahrenheit.

† Mean of bi-hourly readings taken from self-recording instruments.

1 Humidity relative, saturation being 100. Mean of observations at 8, 15 and 20 hours.

‡ 22 years only. § 16 years only.

The greatest heat was 82.2 above zero on the 30th. The greatest cold was 12.5 above zero on the 5th, giving a range of temperature of 69.4°.

Warmest day was the 30th. Coldest day was the 5th.

Highest barometer reading was 30.45 on the 6th; lowest barometer was 29.34 on the 3rd, giving a range of 1.14 inches.

Minimum relative humidity observed was 33 on the 26th.

Rain fell on 6 days. Snow fell on 3 days.

Rain and snow on 1 day.

Fog on 1 day.

Thunderstorm on 2nd.

No snow on ground.