

ABSTRACT FOR THE MONTH OF APRIL, 1891.

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

DAY.	THERMOMETER.				* BAROMETER.				† Mean pressure of vapour.	† Mean relative humidity.	Dew point.	WIND.		SKY CLOUDS IN TENTHS.			Per cent. of 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 perhour	Mean.	Max.	Min.					
1	36.42	44.5	25.8	18.7	30.0643	30.108	30.035	.083	.1423	66.5	26.2	N.E.	7.9	8.8	10	4	71	....	....	....	1
2	41.27	48.5	37.4	11.1	29.8753	30.000(?)	29.764	.236	.1468	57.0	27.0	S.E.	16.3	10.0	10	15	03	....	....	....	2
3	32.77	38.8	30.2	8.6	29.5513	29.764	29.441	.323	.1627	87.7	29.5	N.	26.8	10.0	10	15	00	....	5-7	.074	3
4	32.32	35.5	25.6	9.9	29.5908	29.710	29.492	.220	.1302	70.5	23.7	N.W.	17.6	8.7	10	2	00	....	Inapp.	0.00	4
SUNDAY.....	5	.....	31.8	21.8	10.0	.....	.....	.....	.....	.....	.....	S.W.	21.5	.....	.....	.....	69	....	....	....	5
6	32.12	38.1	24.7	13.4	29.8217	29.868	29.784	.084	.1077	60.7	20.0	S.W.	12.7	3.5	10	2	97	....	....	....	6
7	31.03	34.1	27.7	6.4	29.8507	29.955	29.801	.154	.1085	62.5	20.2	W.	10.5	9.8	10	3	53	....	....	....	7
8	32.05	38.3	24.1	14.2	30.1615	30.282	30.038	.244	.1068	59.3	19.7	W.	13.1	5.0	10	6	30	....	....	....	8
9	39.12	48.5	30.2	18.3	30.4408	30.484	30.350	.134	.1357	57.0	25.2	W.	0.8	0.5	3	6	97	....	....	....	9
10	42.33	53.5	28.6	24.9	30.4317	30.538	30.311	.227	.1395	53.5	25.7	S.E.	6.5	7.2	10	6	73	....	....	....	10
11	41.07	44.1	36.6	7.5	30.0797	30.265	29.902	.363	.2383	92.2	38.8	S.E.	20.2	10.0	10	10	00	0.50	....	0.50	11
SUNDAY.....	12	.....	44.8	35.7	9.1	.....	.....	.....	.....	.....	.....	S.W.	20.2	.....	.....	.....	00	0.63	....	0.63	12
13	44.58	50.0	38.1	11.9	29.9325	30.099	29.874	.125	.2312	79.0	38.2	S.W.	23.0	9.3	10	3	08	Inapp.	....	0.00	13
14	43.67	50.0	37.6	12.4	30.0038	30.127	29.917	.210	.2178	75.2	36.0	N.E.	18.6	10.0	10	10	00	0.07	....	0.07	14
15	34.42	38.8	32.4	6.4	30.0512	30.086	30.017	.069	.1853	93.2	32.7	N.E.	18.3	10.0	10	10	00	0.57	....	0.57	15
16	41.97	50.0	33.5	16.5	30.1537	30.206	30.036	.110	.2277	85.3	37.5	S.W.	12.9	8.3	10	9	13	0.05	....	0.05	16
17	50.75	60.1	36.6	23.5	30.1467	30.250	30.017	.233	.2445	66.7	39.3	S.W.	14.6	4.2	10	0	73	....	....	....	17
18	53.88	58.5	47.4	11.1	29.6312	29.971	29.729	.242	.3617	86.0	49.5	S.W.	15.1	8.3	10	0	03	0.45	....	0.45	18
SUNDAY.....	19	.....	54.7	45.6	9.1	.....	.....	.....	.....	.....	.....	S.W.	16.8	.....	.....	.....	01	0.07	....	0.07	19
20	47.10	54.0	40.6	13.4	30.2085	30.264	30.066	.198	.1925	59.5	33.5	N.W.	13.7	0.5	3	0	99	....	....	....	20
21	52.17	63.0	53.5	20.5	30.2047	30.332	30.031	.301	.2070	53.5	35.3	S.W.	10.9	2.3	10	0	97	....	....	....	21
22	56.83	70.0	45.5	23.5	29.6602	29.864	29.498	.366	.3317	71.7	47.3	S.W.	13.9	9.0	10	7	44	Inapp.	....	0.00	22
23	39.22	47.5	34.5	13.0	29.5367	29.664	29.450	.208	.2112	85.8	35.2	N.	17.9	8.5	10	1	00	0.04	....	0.04	23
24	39.37	50.3	30.7	19.6	29.6222	29.697	29.550	.161	.1287	54.8	23.8	N.W.	20.3	5.0	10	0	70	....	Inapp.	0.00	24
25	36.57	42.3	30.0	13.3	29.7130	29.863	29.595	.268	.1387	66.0	27.7	N.W.	19.3	9.0	10	2	07	....	1.4	0.14	25
SUNDAY.....	26	.....	56.0	36.6	19.4	.....	.....	.....	.....	.....	.....	N.W.	15.9	.....	.....	.....	66	....	....	....	26
27	60.12	72.0	47.5	24.5	29.7328	29.813	29.560	.353	.2467	46.8	39.3	S.W.	20.9	1.8	10	0	89	....	....	....	27
28	42.32	60.5	31.0	28.9	29.7322	29.865	29.575	.290	.1675	60.7	29.7	W.	30.3	7.7	10	1	13	Inapp.	Inapp.	0.00	28
29	40.73	51.5	27.7	23.8	29.8117	29.884	29.752	.132	.1155	47.0	21.5	W.	22.2	6.8	10	0	71	Inapp.	Inapp.	0.00	29
30	52.65	65.0	40.9	24.1	29.6442	29.769	29.541	.228	.2158	52.8	35.5	S.E.	8.0	2.8	9	0	92	....	....	....	30
..... Means	42.19	57.49	39.30	18.19	29.9198	.....	.....	.214	.1862	67.3	31.5	.....	16.22	6.81	.....	.....	41.5	2.38	7.1	3.26	Sums
17 yrs. means for & including this mo.	39.76	48.26	32.18	16.07	29.9411	.....	.....	.202	.1693	66.7	.....	.....	.....	5.90	.....	.....	52.0	1.64	25.0	2.30	17 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.....	1394	1001	44	1091	493	441	1917	1289	.....
Duration in hrs..	76	62	8	73	36	241	121	73	25
Mean velocity....	18.3	16.2	5.5	14.9	13.7	18.3	15.8	16.5	.....

Greatest mileage in one hour was 59 on the 3rd.
Greatest velocity in gusts, 72 miles per hour on the 3rd.

Resultant mileage, 4635.
Resultant direction, S. 72° W.
Total mileage, 11,683.

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

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ Ten years only.

The greatest heat was 72.0 on the 27th; the greatest cold was 21.8 on the 5th, giving a range of temperature of 50.2 degrees. Warmest day was the 27th. Coldest day was the 5th. Highest barometer reading was 30.538 on the 10th; lowest barometer was 29.411 on the 3rd,

giving a range of 1.097 inches. Maximum relative humidity was 99 on the 15th. Minimum relative humidity was 29 on the 29th.

Rain fell on 12 days.

Snow fell on 6 days.

Rain or snow fell on 16 days.

Rain and snow fell on 2 days.

Auroras were observed on 3 nights.

Lunar corona on 1 night.

Fog on 1 day.

Solar halo on 1 day.