

ABSTRACT FOR THE MONTH OF APRIL, 1890.

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 humid-ity.	Dew point.	WIND.		SKY CLOUDS IN TENTHS.			Rainfall in inches.	Snowfall in inches.	Rain and snow melted.	DAY.	
	Mean.	Max.	Min.	Range	Mean.	SMAX.	SMin.	SRange.				General direction.	Mean velocity in miles perhour	Mean.	Max.	Min.					Per cent of possible sun-shine.
1	27.99	32.5	23.8	8.7	30.3103	30.398	30.194	.204	.0902	59.7	15.8	S.W.	22.1	1.8	10	0	89	...	...	1	
2	30.97	37.0	21.1	15.9	30.3263	30.454	30.214	.240	.1167	67.2	21.3	S.W.	32.0	6.7	10	0	43	...	...	2	
3	40.59	48.1	32.5	15.6	30.0885	30.211	29.905	.306	.1480	58.7	27.2	S.W.	25.0	4.2	10	0	94	...	...	3	
4	40.40	48.0	32.6	15.4	29.6580	29.781	29.597	.174	.2297	89.5	37.5	S.W.	21.3	10.0	10	0	0.65	...	0.65	4	
5	29.88	36.0	24.8	11.2	30.1103	30.243	29.923	.320	.0928	56.0	16.7	W.	21.3	2.2	10	0	83	Inapp.	0.00	5	
SUNDAY.....	6	...	45.5	27.8	17.7	...	...	...	...	...	...	S.W.	20.9	...	...	...	37	0.02	...	0.02	6
7	40.95	47.0	35.2	11.8	29.8845	29.934	29.836	.098	.1693	67.0	29.7	W.	13.0	5.0	10	0	56	...	...	...	7
8	33.80	41.3	28.3	12.5	29.9108	30.047	29.729	.318	.1265	64.7	23.0	N.E.	15.1	6.7	10	0	50	0.03	0.2	0.06	8
9	40.52	44.9	35.7	8.2	29.4505	29.665	29.220	.445	.2145	84.8	36.5	S.E.	19.9	10.0	10	0	0.15	...	...	0.15	9
10	36.02	43.7	31.7	12.0	29.5372	29.833	29.249	.584	.1573	73.5	28.5	S.W.	25.6	10.0	10	3	66	...	Inapp.	0.00	10
11	32.87	40.8	25.8	15.0	30.0502	30.120	29.957	.163	.1773	62.8	21.7	W.	12.1	4.0	10	0	71	...	...	...	11
12	46.17	58.2	30.8	27.4	30.0792	30.191	30.003	.188	.2723	55.0	30.2	S.	18.6	1.0	4	0	91	...	...	...	12
SUNDAY.....	13	...	62.8	40.5	22.3	...	...	...	...	...	...	N.W.	7.0	...	...	...	77	...	...	...	13
14	46.05	57.0	37.6	19.4	29.9100	30.055	29.773	.282	.2080	66.3	35.0	N.	12.4	8.2	10	0	40	0.05	...	0.05	14
15	39.20	47.4	21.7	15.7	30.2778	30.375	30.165	.210	.0858	37.7	13.8	N.W.	19.2	0.0	0	0	99	...	...	...	15
16	40.87	52.0	30.7	21.3	30.2328	30.367	30.103	.264	.1363	53.8	25.2	S.W.	17.4	2.0	10	0	82	...	...	...	16
17	37.30	46.8	30.7	16.1	29.9652	30.000	29.949	.080	.1138	51.3	20.7	N.W.	17.0	7.2	10	0	61	...	...	...	17
18	27.27	31.6	21.6	10.0	29.0883	30.067	29.945	.122	.0738	49.3	11.3	N.W.	16.7	6.7	10	0	36	...	Inapp.	0.00	18
19	39.05	49.1	27.7	21.4	30.2027	30.301	30.120	.181	.1208	59.7	22.3	W.	12.3	1.3	10	0	87	...	...	...	19
SUNDAY.....	20	...	54.4	33.7	20.7	...	...	...	...	...	...	N.W.	14.8	...	...	...	55	...	...	...	20
21	44.47	53.8	36.6	17.2	30.2615	30.333	30.227	.106	.1855	62.7	32.0	S.W.	23.8	3.2	10	0	45	0.12	...	0.12	21
22	48.77	58.3	36.2	22.1	30.3020	30.409	30.178	.231	.1538	44.2	27.5	S.	12.2	3.8	10	0	46	Inapp.	...	...	22
23	55.57	66.9	44.6	22.3	29.6813	30.203	29.874	.329	.2683	61.3	41.5	S.W.	24.2	6.0	10	0	34	Inapp.	...	...	23
24	40.80	54.1	33.8	20.3	30.2552	30.294	30.158	.136	.1258	48.7	22.7	N.	15.5	2.5	8	0	95	...	...	...	24
25	38.02	49.9	29.7	20.2	30.3513	30.422	30.284	.138	.1065	47.0	19.3	N.	17.9	1.7	10	0	76	...	...	...	25
26	41.75	53.0	29.6	23.4	30.3073	30.456	30.123	.333	.1277	49.8	23.0	S.E.	13.8	6.5	10	0	73	0.02	...	0.02	26
SUNDAY.....	27	...	40.5	32.7	7.8	...	...	...	...	...	...	N.E.	12.3	...	...	...	00	0.13	2.8 (?)	0.41	27
28	45.58	54.0	35.7	18.3	30.0542	30.116	29.994	.122	.1548	52.0	28.2	W.	15.3	0.5	2	0	98	...	...	...	28
29	49.27	59.6	38.6	21.0	29.8660	30.055	29.698	.357	.2325	66.8	37.3	S.	16.8	7.8	10	0	41	0.31	...	0.31	29
30	46.43	49.7	41.7	8.0	29.7198	29.777	29.660	.117	.2595	82.0	41.0	S.W.	21.8	10.0	10	10	00	0.32	...	0.32	30
.....Means	40.01	48.80	32.13	16.66	38.0415			0.236	.1534	60.1	26.5		17.9	4.98	...	...	56.8	1.80	3.0	2.11	Sums
16 yrs. means for & including this mo.	39.60	47.68	31.73	15.94	29.9425			0.201	.1683	66.7	...		...	5.84	...	...	53.2	1.59	6.5	2.24	16 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.....	1277	664	287	1122	872	5517	1628	1534	—
Duration in hrs..	89	50	25	68	52	236	95	99	6
Mean velocity ...	14.4	13.3	11.5	16.5	16.8	23.4	17.1	15.5	

Greatest mileage in one hour was 41 on the 10th.
Greatest velocity in gusts 49 miles per hour on the 10th.
Resultant mileage, 5,760.

Resultant direction, S. 61° 5' W.
Total mileage, 12,901.
Average mileage per hour 16.94.

*Barometer readings reduced to sea-level and on the 4th. Minimum relative humidity was 15 on the 15th.

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ Nine years only.

The greatest heat was 66.9 on the 23rd; the greatest cold was 21.1 on the 2nd, giving a range of temperature of 45.8 degrees. Warmest day was the 23rd. Coldest day was the 18th. Highest barometer reading was 34.456 on the 26th; lowest barometer was 29.220 on the 9th, giving a range of 236 inches. Maximum relative humidity was 96

on the 4th. Minimum relative humidity was 15 on the 15th.
Rain fell on 12 days.
Snow fell on 5 days.
Rain or snow fell on 13 days.
Auroras were observed on 3 nights.
Lunar halo on 1 night.
Fogs on 2 days.