

ABSTRACT FOR THE MONTH OF MARCH, 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 humidity.	Dew point.	WIND.		SKY CLOUDED IN TENTHS.			Total amount of rain or snow in inches.	Rainfall in inches.	Snowfall in inches.	Rain and snow in inches.	DAY.	
	Mean.	Max.	Min.	Range	Mean.	SMax.	SMin.	SRange.				General direction.	Mean velocity in miles per hour.	Menh.	Max.	Min.						Partly cloudy.	Partly clear.	Clear.
1	25.05	40.3	7.0	33.8	29.8788	30.089	29.751	.338	1100	73.0	17.8	S. W.	31.5	5.5	10	0	23	...	...	...	1
SUNDAY.....	2	14.1	2.0	12.1	30.0885	30.137	30.013	.124	.0412	54.3	...	N. W.	8.5	...	...	0	97	...	...	...	2
3	12.22	20.0	4.0	16.0	30.0280	30.159	29.854	.305	.0795	61.3	12.5	S. W.	19.5	2.0	8	0	95	...	...	...	3
4	23.93	31.8	10.9	20.9	30.1093	30.243	29.918	.325	.0643	68.3	7.2	S. E.	14.2	6.8	10	0	84	...	...	...	4
5	16.05	31.2	8.7	22.5	30.3550	30.410	30.299	.111	.0272	55.0	10.2	S. W.	20.0	4.7	10	0	84	Inapp.	0.00	...	5	
6	2.78	9.9	-1.0	10.9	30.3387	30.412	30.280	.132	.0368	59.5	4.5	W.	9.0	6.0	10	0	18	...	...	...	6
7	6.60	16.0	-4.0	20.0	30.3498	30.432	30.307	.125	.0658	65.3	8.7	S. W.	22.0	0.0	0	0	99	...	...	...	7
8	17.98	26.9	7.8	19.1	30.3498	30.432	30.307	.125	.0658	65.3	8.7	W.	19.4	0.2	7	0	98	...	...	...	8
SUNDAY.....	9	28.0	12.9	15.1	30.424	30.246	29.178	.243	.1155	71.9	18.5	S. W.	11.5	...	...	0	100	...	...	...	9
10	28.12	37.0	14.1	22.9	30.1168	30.271	29.952	.319	.1672	79.3	29.8	S. W.	5.9	3.2	10	0	85	...	...	...	10
11	35.67	40.6	29.0	11.6	29.9875	30.045	29.952	.093	.2437	97.8	39.3	S. E.	12.4	10.0	10	10	08	0.07	...	...	11
12	40.12	43.0	36.7	6.3	30.1450	30.200	30.078	.122	.2053	84.7	35.5	S. E.	10.0	10.0	10	10	08	0.20	...	...	12
13	36.90	41.0	35.5	5.5	30.0762	30.151	29.931	.260	.1840	99.2	32.7	S. W.	12.4	10.0	10	10	08	0.03	...	...	13
14	35.43	40.2	32.7	7.5	29.8168	29.913	29.680	.233	.1098	62.3	19.5	S. W.	9.0	9.7	10	2	23	...	...	...	14
15	30.92	34.9	27.8	7.1	29.4110	29.519	29.329	.190	.0860	66.0	13.8	S. W.	11.8	8.0	10	0	17	Inapp.	0.00	...	15	
SUNDAY.....	16	28.0	15.9	12.1	29.8168	29.913	29.680	.233	.1098	62.3	19.5	S. W.	24.9	...	...	0	40	Inapp.	0.00	...	16
17	23.33	32.4	10.9	21.5	29.6112	29.831	29.434	.397	.0895	62.7	15.0	S. W.	32.7	4.8	10	0	51	...	...	...	17
18	25.90	30.7	19.7	11.0	29.8317	29.899	29.777	.122	.0643	60.8	8.2	N. W.	19.8	2.2	10	0	83	...	0.1	...	18	
19	19.48	25.0	12.9	12.1	29.8253	29.884	29.759	.125	.1310	73.5	23.8	S. W.	7.9	5.0	10	0	57	...	...	...	19
20	31.65	39.1	18.8	20.3	29.5202	29.683	29.359	.324	.1905	84.3	33.2	S. W.	16.9	6.5	10	0	62	Inapp.	0.00	...	20	
21	37.62	42.9	32.5	10.4	28.7815	29.841	29.729	.112	.1518	72.2	27.7	S. W.	22.7	8.3	10	0	03	0.17	0.2	0.21	21	
22	35.98	40.4	33.6	6.8	30.4257	30.505	30.288	.217	.0762	60.7	12.3	S. W.	11.8	8.3	10	0	00	...	...	...	22
SUNDAY.....	23	34.7	19.5	15.2	30.1835	30.496	29.843	.653	.1252	73.2	22.7	N. W.	18.9	...	...	0	51	...	...	...	23
24	23.32	28.9	16.9	12.0	29.5733	29.711	29.509	.202	.1830	85.8	32.2	W. H. E.	18.3	1.8	9	0	85	...	...	...	24
25	30.32	36.2	21.8	14.4	29.7692	29.971	29.553	.418	.1307	69.3	23.8	W. W.	16.3	10.0	10	0	00	0.7	0.07	...	25	
26	36.15	41.1	33.5	7.6	29.7177	29.975	29.482	.493	.1093	82.3	20.0	W. W.	23.7	10.0	4	31	0.01	0.4	0.06	...	26	
27	33.13	37.9	27.6	10.3	29.7177	29.975	29.482	.493	.1093	82.3	20.0	W. W.	28.6	6.8	10	0	62	Inapp.	0.00	...	27	
28	24.65	28.8	21.9	6.9	29.6178	29.775	29.475	.300	.1445	89.7	26.7	E. E.	25.2	3.3	10	0	00	...	4.5	0.45	...	28
29	29.17	33.0	25.8	7.2	30.2370	30.301	30.194	.107	.0930	65.0	16.3	N.	23.5	10.0	10	0	60	...	4.0	0.33	...	29
SUNDAY.....	30	33.0	25.8	7.2	30.2370	30.301	30.194	.107	.0930	65.0	16.3	N.	7.3	0	39	...	1.8	0.11	...	30
31	26.87	33.9	16.4	17.5	30.2370	30.301	30.194	.107	.0930	65.0	16.3	S. W.	9.5	5.3	10	0	75	...	...	...	31
Means	26.51	32.30	18.63	13.67	29.9663	...	...	.243	.1155	71.9	18.5	...	16.94	6.28	...	...	45.9	0.48	11.7	1.53	Sums
16 yrs. means for & including this mo.	23.87	31.14	16.17	14.97	29.9578	...	...	.265	.1068	75.6	...	...	...	...	...	...	45.5	0.86	25.6	3.41	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.....	854	913	78	1015	659	6497	1756	829	—
Duration in hrs..	66	45	8	65	56	311	107	66	20
Mean velocity...	12.9	20.3	9.7	15.6	11.8	20.9	16.4	12.6	

Greatest mileage in one hour was 46 on the 1st.
 Greatest velocity in gusts 48 miles per hour on the 29th.
 Resultant mileage, 6,735

Resultant direction, S. 55° W.
 Total mileage, 12,601.
 Average mileage per hour 16.94.

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

† Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ Nine; ears only.

The greatest heat was 43.0 on the 12th; the greatest cold was 4.0 below zero on the 9th; range of temperature of 47.0 degrees. Warmest day was the 12th. Coldest day was the 6th. Highest barometer reading was 30.561 on the 9th; lowest barometer was 29.329 on the 17th, giving a range of 1.232 inches. Maximum relative humidity was 100

on the 12th. Minimum relative humidity was 35 on the 9th.
 Rain fell on 5 days.
 Snow fell on 12 days.
 Rain or snow fell on 15 days.
 Auroras were observed on 4 nights.
 Hoar frost on 5 days.
 Lunar halo on 4 nights.
 Lunar corona on one night.
 Fogs on 4 days.