

ABSTRACT FOR THE MONTH OF MARCH, 1889.

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.			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 per hour.	Mean.	Max.	Min.						
1	28.75	34.0	22.5	11.5	30.4200	30.503	30.315	.188	135.8	86.2	25.0	S.W.	12.6	0.0	0	0	94	....	....	....	1
2	28.32	34.5	16.9	17.6	30.2053	30.295	30.122	.173	134.2	85.8	24.5	S.E.	3.4	9.2	10	5	00	....	....	....	2
SUNDAY.....3	.....	39.6	26.9	12.7	.....	.....	.....	.....	.....	.....	.....	S.W.	1.1	.....	.....	.....	90	....	....	....	3
4	32.10	38.9	21.3	17.6	29.8930	30.000	29.779	.221	141.8	78.8	26.0	E.	4.2	2.0	10	0	85	....	....	....	4
5	35.45	38.9	31.7	7.2	29.6623	29.749	29.540	.209	162.3	78.3	29.2	N.	2.8	10.0	10	10	00	Inapp.	5
6	34.93	38.5	32.7	5.8	29.2978	29.451	29.107	.344	180.0	88.8	31.7	N.W.	12.2	10.0	10	10	00	0.20	3.3	0.53	6	
7	30.90	35.9	25.0	10.9	29.0348	29.122	28.982	.140	166.7	96.2	29.8	W.	21.7	10.0	10	10	00	0.14	5.4	0.68	7	
8	22.17	25.8	19.9	5.9	29.2843	29.327	29.220	.107	105.2	88.3	19.2	W.	38.1	10.0	10	10	00	....	1.6	0.16	8
9	20.78	22.8	17.9	4.9	29.4317	29.578	29.291	.207	99.53	86.0	17.2	W.	36.2	10.0	10	10	00	....	0.1	0.01	9
SUNDAY.....10	.....	25.0	18.3	6.7	.....	.....	.....	.....	.....	.....	.....	W.	27.0	.....	.....	.....	00	....	0.3	0.03	10
11	21.93	27.0	16.8	10.2	29.9402	29.960	29.907	.053	103.3	68.2	13.5	S.W.	18.8	5.3	10	0	56	....	0.4	0.00	11
12	26.80	32.9	17.9	15.0	29.9125	29.959	29.874	.085	122.7	83.7	22.7	S.W.	12.7	9.3	10	0	00	....	0.3	0.03	12
13	31.58	41.3	22.8	18.5	29.8035	30.023	29.612	.411	123.0	68.0	22.0	S.W.	28.7	8.0	10	0	24	Inapp.	Inapp.	0.00	13	
14	16.92	24.5	11.5	13.0	30.3260	30.383	30.200	.183	155.2	58.7	5.0	W.	14.5	2.2	10	0	99	....	....	....	14
15	25.70	32.3	17.8	14.5	30.1990	30.295	30.121	.174	103.5	73.3	18.5	N.E.	11.1	4.7	10	0	75	....	....	....	15
16	30.43	39.0	20.8	18.2	30.0972	30.137	30.066	.071	124.5	74.7	23.0	N.E.	18.4	2.5	8	0	94	....	....	....	16
SUNDAY.....17	.....	37.2	27.6	9.6	.....	.....	.....	.....	.....	.....	.....	N.E.	25.3	.....	.....	.....	08	0.08	0.9	0.17	17
18	32.45	35.6	30.7	4.9	29.9307	29.957	29.908	.049	159.2	86.7	29.0	N.E.	13.4	10.0	10	10	13	Inapp.	1.9	0.19	18	
19	33.58	37.3	29.8	7.5	29.9093	29.946	29.875	.071	151.8	79.5	27.5	N.	5.5	10.0	10	10	06	....	....	....	19
20	34.27	39.3	30.4	8.9	30.0033	30.039	29.962	.077	155.7	79.2	28.3	N.E.	23.7	9.5	10	2	12	....	....	....	20
21	31.43	37.4	25.8	11.6	30.0748	30.146	30.032	.114	110.2	63.2	20.3	N.E.	29.5	4.7	10	0	80	....	....	....	21
22	35.40	43.9	25.8	18.1	30.1947	30.258	30.128	.130	110.7	54.3	20.5	N.E.	13.5	3.7	10	0	93	....	....	....	22
23	38.25	42.6	32.8	9.8	29.9353	30.070	29.773	.297	151.8	65.5	27.7	S.W.	29.5	2.8	8	0	92	....	....	....	23
SUNDAY.....24	.....	39.0	29.7	9.3	.....	.....	.....	.....	.....	.....	.....	S.W.	24.5	.....	.....	.....	07	0.07	Inapp.	0.07	24
25	22.12	31.1	15.9	15.2	29.8647	29.997	29.735	.262	107.0	59.0	10.3	N.E.	13.7	0.2	1	0	98	....	....	....	25
26	18.80	25.9	7.8	18.1	30.0223	30.074	29.964	.110	168.7	64.7	8.8	E.	9.4	7.5	10	0	36	....	....	....	26
27	33.53	40.0	20.8	19.2	29.8005	29.961	29.682	.279	147.2	75.0	26.5	S.E.	15.6	6.7	10	0	21	0.10	....	0.10	27
28	32.62	39.2	29.0	10.2	29.7447	29.840	29.696	.144	145.3	78.2	26.5	S.W.	21.6	6.3	10	0	15	0.03	....	0.03	28
29	28.78	36.2	19.7	16.5	29.8383	29.999	29.742	.257	120.7	75.3	22.2	S.W.	19.2	8.2	10	0	27	....	1.1	0.11	29
30	18.13	23.0	9.7	13.3	30.2697	30.345	30.149	.196	161.5	62.7	7.7	S.W.	17.3	1.5	7	0	96	....	....	....	30
SUNDAY.....31	.....	32.3	15.9	16.4	.....	.....	.....	.....	.....	.....	.....	S.	12.8	.....	.....	.....	19	....	....	....	31
..... Means.	28.70	34.55	22.32	12.22	29.8885	.....	.....	.178	122.4	75.3	21.6	.....	17.35	6.32	.....	.....	40.0	0.62	15.3	2.11	Sums
15 yrs. means for & including this mo.	23.69	31.06	16.00	15.06	29.9573	.....	.....	.266	106.2	75.9	.....	.....	.....	6.17	.....	.....	45.5	0.88	26.5	3.53	15 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.....	750	3007	138	256	702	3991	3408	658	
Duration in hrs..	66	165	22	30	56	176	140	52	37
Mean velocity...	11.4	18.2	6.3	8.5	12.5	22.7	24.3	12.7	

Greatest mileage in one hour was 45 on the 8th.
 Greatest velocity in gusts 52 miles per hour on the 8th.
 Resultant mileage, 4,265.

Resultant direction, S 85° W.
 Total mileage, 12,910.

*Barometer readings reduced to sea-level and temperature of 32° Fahr.
 † Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ Eight years only.

The greatest heat was 48.9 on the 22nd; the greatest cold was 7.8 on the 26th, giving a range of temperature of 36.1 degrees. Warmest day was the 23rd. Coldest day was the 14th. Highest barometer reading was 30.503 on the 1st; lowest barometer was 28.982 on the 7th, giving a range of 1.521 inches. Maximum relative humidity was 100 on the 7th. Minimum relative humidity was 41 on the 22nd.

Rain fell on 9 days.
 Snow fell on 12 days.
 Rain or snow fell on 14 days.
 Auroras were observed on three nights.
 Hoar frost on five days.
 Solar halo on two days.
 Lunar halo on two nights.
 Lunar corona on one night.
 Fog on three days.