

ABSTRACT FOR THE MONTH OF APRIL, 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 CLOUDS IN TENTHS.			Percent 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	31.87	36.0	26.6	9.4	29.9243	29.984	29.854	.130	.1365	76.7	25.2	N.E.	13.7	7.5	10.0	0	79	....	....	....	1
2	31.23	34.8	27.6	7.2	29.7595	29.801	29.696	.105	.1543	87.7	28.0	N.E.	8.0	10.0	10.0	10	00	....	....	0.01	2
3	33.55	38.0	28.6	9.4	29.7618	29.838	29.697	.141	.1653	86.0	29.8	N.E.	7.9	6.3	10.0	0	16	....	Inapp.	0.05	3
4	35.62	40.1	31.7	8.4	29.8928	29.960	29.789	.171	.1303	62.5	24.0	S.W.	13.8	6.5	10.0	0	18	....	....	....	4
5	32.78	40.0	27.3	12.7	30.0993	30.167	30.031	.136	.0997	53.7	18.0	N.E.	12.2	1.0	5.0	0	96	....	....	....	5
6	32.68	41.0	23.8	17.2	30.3353	30.407	30.219	.188	.0978	53.0	17.5	N.	13.0	0.3	1.0	0	96	....	....	....	6
SUNDAY.....7	....	47.0	24.8	22.2	....	....	....	....	....	....	....	S.E.	1.6	....	....	....	96	....	....	....	7
8	40.98	48.9	31.7	17.2	30.2753	30.412	30.077	.335	.1275	50.2	23.7	S.E.	3.3	2.5	10.0	0	97	....	....	....	8
9	41.52	52.0	34.3	17.7	29.8772	30.019	29.788	.231	.1647	62.0	29.3	S.W.	16.3	3.8	10.0	0	44	....	....	....	9
10	37.95	44.2	30.7	13.5	29.9345	29.933	29.909	.074	.1378	60.3	25.3	S.W.	16.8	1.3	5.0	0	96	....	....	....	10
11	47.40	58.0	36.2	21.8	29.7713	29.898	29.626	.272	.1693	53.0	30.2	S.W.	26.0	5.3	10.0	0	70	....	....	....	11
12	41.97	49.1	32.4	16.7	29.6357	29.702	29.595	.107	.2020	74.5	34.2	N.	12.3	7.3	10.0	0	12	0.09	....	0.09	12
13	33.65	39.3	26.8	12.5	29.8362	29.965	29.741	.224	.1175	61.2	21.8	N.W.	14.8	8.2	10.0	0	25	....	....	....	13
SUNDAY.....14	....	47.1	31.8	15.3	....	....	....	....	....	....	....	N.W.	13.6	....	....	....	71	....	....	....	14
15	40.50	49.1	31.7	17.4	30.4110	30.459	30.340	.119	.0950	39.0	16.2	N.W.	11.5	0.0	0.0	0	95	....	....	....	15
16	47.10	59.4	34.0	24.8	30.3438	30.437	30.241	.194	.1443	46.8	26.7	E.	6.1	0.8	2.0	0	92	....	....	....	16
17	51.93	64.2	36.5	27.7	30.1102	30.227	30.015	.212	.1693	48.2	30.2	S.	12.9	0.8	2.0	0	95	....	....	....	17
18	53.53	66.1	38.3	27.8	30.0438	30.075	30.016	.059	.2862	56.2	37.5	N.	6.8	4.0	10.0	0	73	....	....	....	18
19	59.46	73.6	41.3	32.3	29.9535	30.096	29.813	.283	.2862	55.3	42.5	S.E.	14.7	3.5	10.0	0	89	0.02	....	0.02	19
20	62.58	69.8	57.5	12.3	29.9210	29.999	29.863	.136	.3163	56.5	45.3	S.W.	25.0	4.3	10.0	0	74	0.04	....	0.04	20
SUNDAY.....21	....	67.9	32.6	35.3	....	....	....	....	....	....	....	S.W.	28.2	....	....	....	74	0.02	....	0.02	21
22	33.88	49.3	28.3	12.0	30.1747	30.313	30.031	.342	.0935	48.3	16.3	S.W.	24.0	4.8	10.0	0	48	....	....	....	22
23	38.02	46.2	26.0	19.6	30.3173	30.404	30.106	.298	.1314	56.7	23.5	S.W.	8.2	7.2	10.0	0	53	....	....	....	23
24	51.68	63.0	36.5	26.5	29.9985	30.130	29.885	.265	.2575	67.2	40.7	S.E.	16.4	9.0	10.0	4	46	0.01	....	0.01	24
25	53.53	57.0	51.9	5.1	29.9047	29.918	29.893	.023	.3503	87.0	49.8	S.	14.3	10.0	10.0	10	00	0.34	....	0.34	25
26	51.12	55.5	45.5	10.0	29.8760	29.910	29.816	.094	.3583	95.2	49.7	N.E.	8.6	10.0	10.0	10	00	0.51	....	0.51	26
27	49.92	61.0	42.7	18.3	29.5323	29.713	29.401	.312	.3323	92.2	47.7	N.E.	20.5	9.2	10.0	5	30	0.10	....	0.10	27
SUNDAY.....28	....	62.2	45.6	16.6	....	....	....	....	....	....	....	S.E.	17.3	....	....	....	06	0.58	....	0.58	28
29	48.32	51.9	44.6	7.3	29.4657	29.570	29.377	.193	.2998	38.2	45.0	S.W.	21.7	10.0	10.0	10	00	0.43	....	0.43	29
30	44.12	53.8	40.5	10.3	29.6652	29.727	29.588	.139	.2143	74.2	36.2	W.	27.4	8.8	10.0	3	00	Inapp.	....	0.03	30
.....Means	43.34	51.78	34.97	16.82	29.9554	....	....	.179	.1916	65.0	31.32	S 72° W.	14.55	5.48	....	....	53.0	2.14	0.1	2.15	Sums
15 yrs. means for & including this mo.	39.58	47.6	31.7	15.9	29.9359	....	....	.199	.1693	67.1	....	....	....	5.90	....	....	52.7	1.53	6.7	2.25	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.....	1353	1472	367	507	1413	2674	2134	559	
Duration in hrs..	96	113	52	48	103	130	114	49	15
Mean velocity...	14.1	13.0	7.1	10.6	13.7	20.6	18.7	11.4	

Greatest mileage in one hour was 48 on the 21st.
Greatest velocity in gusts 66 miles per hour on the 21st.
Resultant mileage, 2,790.

Resultant direction, S 72° W.
Total mileage, 10,479.

*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 73.6 on the 19th; the greatest cold was 23.8 on the 6th, giving a range of temperature of 49.8 degrees. Warmest day was the 20th. Coldest day was the 2nd. Highest barometer reading was 30.499 on the 7th; lowest barometer was 29.277 on the 28th, giving a range of 1.222 inches. Maximum relative humidity was 100 on the 25th. Minimum relative humidity was 15 on the 15th.

Rain fell on 11 days.

Snow fell on 2 days.

Rain or snow fell on 13 days.

Auroras were observed on three nights.

Solar halo on three days.

Lunar corona on two nights.

Fog on two days.

Thunderstorm on the 27th.