

ABSTRACT FOR THE MONTH OF MARCH, 1893.

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 CLOUDD 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	26.90	33.2	23.7	9.5	29.8012	29.884	29.732	0.152	0.1167	79.5	21.7	S.W.	27.0	5.3	10	0	0	54	.....	1	
2	18.28	34.2	14.0	10.2	29.8587	29.910	29.785	0.125	0.0742	74.0	11.7	W.	25.0	6.3	10	0	0	31	.....	2	
3	21.00	28.0	12.1	15.9	29.7615	29.898	29.663	0.235	0.0852	72.7	13.7	S.W.	14.8	8.3	10	0	0	30	.....	3	
4	16.72	24.0	12.2	11.8	29.6460	29.752	29.573	0.179	0.0582	61.8	5.3	N.	18.2	0.0	00	0	0	91	.....	4	
SUNDAY.....	5	.....	19.4	7.4	.....	.....	.....	.....	.....	.....	.....	W.	20.2	.....	.....	.....	.....	21	.....	5
6	14.72	21.3	4.7	16.6	29.9433	30.001	29.831	0.170	0.0657	74.3	8.3	S.W.	16.8	7.7	10	0	0	53	.....	6	
7	27.71	33.7	18.3	15.4	29.8295	29.961	29.741	0.220	0.1062	69.8	19.7	S.W.	21.4	4.2	10	0	0	74	.....	7	
8	31.52	40.5	20.9	19.6	29.8825	29.998	29.786	0.212	0.1462	81.0	26.3	S.W.	21.4	4.0	10	0	0	48	.....	8	
9	32.50	41.3	26.8	14.5	29.9003	30.094	29.807	0.237	0.1545	83.8	28.2	N.E.	26.0	4.7	10	0	0	14	.....	9	
10	29.02	36.8	20.8	16.0	30.3270	30.382	30.224	0.152	0.1237	80.8	23.8	N.E.	23.2	0.3	2	0	0	15	.....	10	
11	36.52	38.7	28.4	10.3	30.0887	30.331	29.819	0.512	0.1658	76.5	29.7	S.E.	21.7	8.3	10	0	0	00	0.18	11	
SUNDAY.....	12	40.5	35.8	S.W.	20.1	00	0.65	12	
13	28.65	37.4	25.1	12.3	30.0883	30.136	30.001	0.135	1.1387	87.2	25.5	S.W.	7.4	6.7	10	0	0	00	.....	13	
14	30.30	35.8	23.1	12.7	29.8253	30.052	29.710	0.344	0.1520	89.2	27.7	N.E.	8.6	8.3	10	0	0	00	0.23	14	
15	19.55	36.5	7.6	28.9	29.7163	29.862	29.617	0.244	0.1025	87.7	16.7	S.W.	35.5	1.8	10	0	0	00	.....	15	
16	11.52	16.8	6.4	10.4	30.0900	30.179	29.924	0.255	0.0467	64.2	1.5	S.W.	32.3	1.8	10	0	0	38	.....	16	
17	20.77	27.9	12.7	15.2	30.0857	30.143	29.959	0.184	0.0892	79.5	15.5	S.W.	22.7	4.7	10	0	0	37	.....	17	
18	6.78	17.0	-0.3	17.3	30.2307	30.262	30.202	0.060	0.0388	66.5	-2.7	N.	16.0	0.2	1	0	0	91	.....	18	
SUNDAY.....	19	22.3	6.9	S.W.	9.3	19	
20	25.18	33.4	11.7	21.7	30.2700	30.395	30.042	0.353	0.1185	83.2	20.7	S.E.	12.1	2.2	10	0	0	53	.....	20	
21	34.50	40.2	23.4	10.8	29.8801	30.039	29.710	0.329	0.1702	85.3	30.5	S.W.	25.8	10.0	10	0	0	91	.....	21	
22	16.75	34.5	10.6	23.9	30.4680	30.581	30.182	0.406	0.0702	70.8	9.8	N.E.	13.8	5.0	10	0	0	49	.....	22	
23	18.03	29.6	5.6	24.0	30.3470	30.633	29.917	0.716	0.1025	79.8	16.5	N.E.	16.3	10.3	10	0	0	00	.....	23	
24	37.50	42.9	26.4	16.5	29.5352	29.869	29.441	0.428	0.2022	88.8	34.5	N.E.	21.2	10.0	10	0	0	91	0.21	24	
25	34.37	42.0	26.9	15.1	29.8790	30.109	29.620	0.489	0.1450	71.5	26.2	S.W.	20.0	8.3	10	7	31	0.01	.....	25	
SUNDAY.....	26	32.5	18.6	N.	15.3	71	26	
27	26.37	33.2	19.1	14.1	30.2957	30.367	30.264	0.103	0.1123	77.8	21.2	N.	16.6	0.3	1	0	0	36	27	
28	21.63	25.7	14.5	11.2	30.4737	30.512	30.444	0.068	0.0765	66.5	12.2	N.	16.8	2.2	7	0	0	65	28	
29	27.03	33.6	20.5	13.1	30.4280	30.513	30.245	0.298	0.1168	77.7	21.3	S.W.	16.8	2.2	7	0	0	50	29	
30	22.75	33.7	26.5	7.2	29.8103	30.148	29.670	0.478	0.1618	86.3	29.3	S.	24.3	9.8	10	9	06	30	
31	35.10	38.6	28.7	9.9	29.8553	29.911	29.737	0.124	0.1587	76.8	29.0	S.W.	18.7	7.8	10	1	30	31	
..... Means	25.25	32.10	17.58	14.52	30.0136	0.269	0.1150	77.5	19.4	S. 46° W.	19.6	5.4	41	1.28	6.1	1.97	Sums
19 Years means for and including this month	24.02	31.36	16.51	14.8	29.9634	0.261	0.1071	75.6	6.1	40.3	0.94	24.5	3.38	19 Years means for and including this month

ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Miles	1621	1870	61	1306	1211	6381	1507	647
Duration in hrs..	85	105	5	66	77	294	76	36
Mean velocity...	19.1	17.8	12.2	19.8	15.7	21.7	13.8	18.0

Greatest mileage in one hour was 58 on the 15th.
 Greatest velocity in gusts 64 miles per hour, on the 15th.
 Resultant mileage 5820.

Resultant direction, S. 46° W.
 Total mileage, 14,604.
 Average mileage per hour 19.6.

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

† Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.

¶ 12 years only
 The greatest heat was 42.9 on the 24th; the greatest cold was -0.3 on the 18th, giving a range of temperature of 43.2 degrees. Warmest day was the 24th. Coldest day was the 18th. Highest barometer reading was 30.633 on the 23rd; lowest barometer was 29.441 on the 24th, giving a range of 1.192 inches.

Maximum relative humidity was 98 on the 14th, and 24th.

Minimum relative humidity was 33 on the 4th.
 Rain fell on 5 days.
 Snow fell on 9 days.
 Rain or snow fell on 14 days.
 An Aurora was observed on 1 night.
 Hoar frost on 6 days.
 Lunar halo on 1 day.
 Lunar coronas on the 20th and 22nd.
 Fog on 1 day.
 Solar halo on 19th.
 Lightning on 23rd.