

ABSTRACT FOR THE MONTH OF DECEMBER, 1892.

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 TWENTIES.			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	30.62	36.5	25.6	10.9	29.9422	30.065	29.859	.206	1332	78.0	24.7	N.W.	14.8	10.0	10	10	00	....	0.1	0.01	1
2	25.05	34.6	21.2	13.4	29.8288	29.895	29.759	.136	1108	81.8	20.5	W.	25.9	5.3	10	0	53	....	....	....	2
3	25.93	28.3	20.3	8.0	29.6177	29.746	29.532	.214	1267	90.5	23.5	W.	7.6	10.0	10	10	00	....	0.8	0.06	3
SUNDAY.....	4	.....	29.2	23.1	6.1	.....	.....	.....	.....	.....	.....	N.W.	10.0	.....	.....	.....	00	....	0.4	0.04	4
5	22.37	27.5	19.7	7.8	30.1248	30.197	30.086	.111	1010	84.2	18.8	W.	10.5	6.2	10	0	13	....	....	....	5
6	21.30	27.7	15.3	12.4	30.0185	30.235	29.816	.419	0980	85.3	17.5	W.	5.5	8.3	10	0	00	....	1.1	0.11	6
7	27.18	31.7	19.0	12.7	29.9852	30.028	29.927	.095	1232	83.5	22.8	W.	9.6	9.3	10	7	16	....	Inap.	Inap.	7
8	35.90	39.5	27.0	12.5	29.6342	29.832	29.598	.234	1892	89.2	33.0	S.E.	18.7	10.0	10	10	07	0.76	....	....	8
9	34.93	38.7	33.7	5.0	29.9208	30.075	29.752	.323	1532	75.3	27.8	W.	11.2	10.0	10	10	00	....	....	....	9
10	33.15	35.2	31.7	3.5	30.0518	30.118	30.006	.112	1530	81.0	27.8	W.	4.9	10.0	10	10	00	....	....	....	10
SUNDAY.....	11	.....	33.0	25.4	7.6	.....	.....	.....	.....	.....	.....	W.	18.3	.....	.....	.....	21	....	0.5	0.05	11
12	27.57	30.7	23.8	6.9	30.3632	30.415	30.332	.083	1272	84.8	23.8	W.	16.2	10.0	10	10	01	....	0.2	0.01	12
13	29.48	32.7	23.8	8.9	30.1267	30.377	30.225	.152	1393	85.0	25.7	W.	9.4	8.3	10	0	07	....	....	....	13
14	27.70	28.5	25.2	3.3	29.9867	30.135	29.936	.199	1420	92.8	26.5	N.E.	11.5	10.0	10	10	00	....	4.9	0.50	14
15	32.67	36.4	27.5	8.9	29.9415	30.087	29.888	.099	1548	82.8	28.0	W.	17.8	8.2	10	0	00	0.04	Inap.	0.04	15
16	28.95	33.7	25.5	8.2	29.9801	30.018	29.942	.077	1227	76.3	22.7	W.	17.8	4.2	10	0	51	....	0.2	0.02	16
17	16.13	25.5	9.5	16.0	29.9983	30.027	29.968	.059	0727	79.0	10.8	N.	6.3	4.2	10	0	60	....	Inap.	Inap.	17
SUNDAY.....	18	.....	18.5	4.3	14.2	.....	.....	.....	.....	.....	.....	E.	5.7	.....	.....	.....	07	....	0.3	0.02	18
19	24.72	33.4	16.0	17.4	29.7157	29.799	29.643	.146	1205	87.8	21.7	W.	14.3	6.7	10	0	00	....	2.5	0.25	19
20	5.92	21.0	1.7	19.3	29.9635	30.071	29.875	.196	0418	73.0	-0.8	N.W.	17.0	2.3	10	0	80	....	....	....	20
21	12.75	21.7	1.5	20.2	30.1020	30.172	30.049	.123	0642	80.2	8.0	N.W.	16.7	6.7	10	0	09	....	0.3	0.03	21
22	1.60	4.3	5.6	9.9	30.1082	30.185	30.054	.131	0097	73.3	-8.2	N.W.	20.2	0.0	0	0	00	....	....	....	22
23	4.22	-0.8	7.2	6.4	29.8105	29.984	29.660	.324	0378	77.3	-0.5	W.	20.6	4.2	10	0	84	....	....	....	23
24	2.13	+1.8	6.8	8.6	29.7193	29.757	29.695	.062	0285	69.3	-8.8	N.W.	34.2	7.3	10	0	00	....	....	....	24
SUNDAY.....	25	.....	5.1	9.1	14.2	.....	.....	.....	.....	.....	.....	W.	15.2	.....	.....	.....	00	....	1.0	0.10	25
26	6.80	4.0	16.0	20.0	29.8150	29.914	29.670	.244	0837	79.5	-11.5	W.	13.0	4.0	10	0	44	....	....	....	26
27	7.92	11.5	4.0	7.5	30.0942	30.160	30.007	.153	0497	79.7	2.7	N.W.	7.4	10.0	10	10	09	....	....	....	27
28	7.77	12.3	3.5	8.8	30.1167	30.263	30.187	.076	0467	78.8	2.5	N.	3.2	1.7	10	0	67	....	....	....	28
29	8.92	13.5	4.0	9.5	30.3412	30.389	30.290	.099	0538	83.0	4.7	W.	11.3	3.5	10	0	67	....	....	....	29
30	12.47	18.2	4.8	13.4	30.4082	30.469	30.305	.164	0633	82.3	8.0	W.	10.7	8.0	10	0	01	....	....	....	30
31	20.28	26.3	13.9	12.4	30.1628	30.263	30.085	.178	0902	82.0	15.7	S.W.	8.9	7.8	10	7	00	....	Inap.	Inap.	31
..... Means	18.70	24.01	13.11	10.90	30.0088	.....	.....	.166	.0960	81.36	14.01	81° W.	13.40	6.90	.....	.....	19	0.20	12.3	2.00	Sum
18 Years means for and including this month.....	18.94	25.92	11.71	14.21	30.0199	.....	.....	.286	.0986	82.0	.....	.....	.....	7.07	.....	.....	128.4	1.36	23.1	3.63	18 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.....	594	191	160	218	250	460	5443	2551	
Duration in hrs..	94	17	32	12	27	36	357	168	
Mean velocity....	6.3	11.2	8.1	18.2	9.3	12.8	15.2	15.2	

Greatest mileage in one hour was 42 on the 24th.
Greatest velocity in gusts, 44 miles per hour on the 24th.
Resultant mileage, 7,115.

Resultant direction, N. 81° W.
Total mileage, 9,987
Average velocity per hour, 12.4.

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

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

The greatest heat was 39.5 on the 8th; the greatest cold was -16.0 on the 26th, giving a range of temperature of 55.5 degrees. Warmest day was the 8th. Coldest day was the 26th. Highest barometer reading was 30.469 on the 30th; lowest barometer was 29.456 on the 26th, giving a range of 1.013 inches. Maximum relative humidity

was 98 on the 14th. Minimum relative humidity was 56 on the 22nd.
Rain fell on 2 days.
Snow fell on 16 days.
Rain or snow fell on 17 days. Hail fell on 1 day.
Auroras were observed on 2 nights.
Hoar frost on 3 nights.
Lunar halo on 2 nights.
Lunar corona on the 26th.