

# ABSTRACT FOR THE MONTH OF JANUARY, 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 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	14.67	21.5	10.6	10.9	30.2362	30.575	29.930	0.645	.0638	73.0	7.3	N.E.	10.6	6.7	10	0	00	Inap.	Inap.	Inap.	1
2	31.33	43.7	21.2	42.5	29.5407	29.762	29.313	0.449	.1727	95.0	30.0	E.	13.3	10.0	10	10	00	0.44	....	0.44	2
SUNDAY	.....	36.2	17.9	18.3	.....	.....	.....	.....	.....	.....	.....	W.	17.8	.....	.....	00	0.15	3.0	0.48	.....	SUNDAY
3	10.70	18.5	5.0	13.5	29.6562	29.740	29.590	0.150	.0588	82.0	6.3	S.W.	20.7	7.5	10	1	35	....	0.1	0.01	4
4	6.02	10.0	2.3	7.7	29.7120	29.839	29.614	0.225	.0445	78.2	0.7	S.W.	20.7	3.3	10	0	75	....	0.2	0.02	5
5	10.82	18.2	3.5	14.7	29.6302	29.862	29.250	0.612	.0637	86.8	7.7	N.E.	26.1	10.0	10	10	00	....	4.1	0.41	6
6	17.30	20.2	13.8	6.4	29.4603	29.793	29.170	0.623	.0788	82.8	13.3	S.W.	21.9	5.3	10	1	00	....	0.7	0.07	7
7	16.28	21.8	12.1	9.7	29.9717	30.057	29.879	0.178	.0723	80.2	11.2	S.	7.2	6.8	10	1	47	....	....	....	8
8	19.13	22.6	11.2	11.4	30.2223	30.381	30.033	.298	.0800	76.7	13.3	S.W.	12.3	4.8	9	0	84	....	0.7	0.07	9
SUNDAY	.....	18.0	9.0	9.0	.....	.....	.....	.....	.....	.....	.....	S.W.	10.2	.....	.....	.....	93	....	....	....	10
10	15.10	22.2	6.5	15.7	30.6098	30.707	30.462	0.245	.0698	79.8	10.0	N.E.	15.3	6.3	10	0	09	....	....	....	11
11	32.98	37.4	20.7	16.7	30.2587	30.392	30.182	0.210	.1702	90.0	30.5	S.	13.4	9.5	10	7	00	0.03	0.4	0.07	12
12	26.27	34.0	20.3	13.7	30.1515	30.273	30.075	0.198	.1313	92.0	24.2	N.	21.4	10.0	10	10	00	....	1.7	0.17	13
13	23.63	27.4	19.0	8.4	29.9778	30.101	29.839	0.352	.1280	92.3	21.8	S.W.	24.2	8.8	10	3	00	0.11	5.0	0.61	14
14	14.25	20.4	8.5	11.9	30.3373	30.397	30.239	0.138	.0655	78.3	9.0	S.W.	17.3	7.0	10	0	03	....	....	....	15
15	3.65	9.1	-0.7	9.8	30.5450	30.606	30.461	0.145	.0388	76.2	-2.5	W.	0.9	0.0	0	0	78	....	....	....	16
SUNDAY	.....	23.6	-1.0	24.6	.....	.....	.....	.....	.....	.....	.....	S.	8.9	.....	.....	00	....	....	....	....	17
17	24.43	29.4	15.2	14.2	30.2015	30.321	30.044	0.277	.1213	91.2	22.3	S.	9.3	10.0	10	10	00	....	4.3	0.43	18
18	6.42	15.4	-2.4	17.8	30.0575	30.210	29.980	0.230	.0482	81.8	1.8	N.W.	12.8	7.2	10	0	00	....	5.0	0.50	19
19	-7.70	-2.4	-12.4	10.0	30.3287	30.383	30.252	0.131	.0257	86.2	-10.8	N.W.	5.1	5.8	10	0	38	....	....	....	20
20	8.62	15.0	-4.9	19.9	30.0668	30.205	29.912	0.293	.0517	79.2	3.7	W.	17.7	5.3	10	0	00	....	1.6	0.11	21
21	18.93	29.5	5.3	24.2	29.9895	30.287	29.738	0.549	.0927	84.2	15.0	N.	13.4	8.0	10	0	00	....	1.4	0.14	22
22	18.02	31.8	1.1	30.7	29.7770	29.924	29.655	0.269	.0917	79.2	12.8	S.	19.8	6.7	10	0	00	....	1.0	0.09	23
SUNDAY	.....	7.2	-1.5	8.7	.....	.....	.....	.....	.....	.....	.....	S.E.	7.7	.....	.....	00	....	0.9	0.09	.....	SUNDAY
24	9.22	13.5	3.1	10.4	29.3617	29.476	29.313	0.163	.0543	88.3	6.5	N.E.	12.0	10.0	10	10	00	....	4.5	0.43	25
25	2.78	10.4	-1.7	12.1	29.6483	29.916	29.392	0.524	.0377	76.2	-3.3	W.	25.2	8.0	10	4	00	....	2.1	0.21	26
26	-1.82	6.5	-9.7	16.2	30.0782	30.154	29.966	0.188	.0280	68.7	-10.0	S.W.	27.8	6.3	10	0	42	....	0.1	0.01	27
27	19.85	23.4	6.1	17.3	29.8667	29.154	29.753	0.160	.0912	84.7	16.2	S.W.	18.6	10.0	10	10	00	....	0.8	0.08	28
28	20.33	23.4	14.8	8.6	29.7823	29.913	29.727	0.137	.1015	92.5	18.5	N.E.	10.8	10.0	10	00	....	1.8	0.18	29	
29	16.43	18.7	14.5	4.2	30.0562	29.864	29.937	0.196	.0812	88.3	13.7	E.	12.1	8.7	10	2	00	....	0.3	0.03	30
SUNDAY	.....	19.9	14.0	5.9	.....	30.133	.....	.....	.....	.....	.....	N.E.	7.7	.....	.....	36	....	....	....	.....	SUNDAY
Means	14.52	21.18	7.14	14.04	29.9794	.....	.....	0.292	.0791	83.2	10.4	W. 32° S.	14.9	7.4	.....	.....	19.0	0.73	39.7	4.59	Sums
18 Years means for and including this month	12.14	20.60	4.04	16.6	30.0592	.....	.....	0.338	.0733	80.9	.....	.....	.....	6.5	.....	.....	131.8	0.86	30.3	3.71	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 .....	1332	2087	488	496	1039	4990	1338	227	
Duration in hrs ..	84	110	53	56	102	228	74	21	16
Mean velocity....	15.9	19.0	9.2	8.9	10.2	18.0	18.1	10.8	

Resultant mileage, 2456.  
Resultant direction, W. 32° S.  
Total mileage, 11,097.

\* 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 43°.7 on the 2nd; the greatest cold was 12°.4 below zero on the 20th, giving a range of temperature of 56.1 degrees. Warmest day was the 12th. Coldest day was the 20th. Highest

barometer reading was 30.707 on the 11th; lowest barometer was 29.170 on the 7th, giving a range of 0.537 inches. Maximum relative humidity was 100 on the 20th. Minimum relative humidity was 56 on the 1st and 27th.

Rain fell on 5 days.  
Snow fell on 22 days.  
Rain or Snow fell on 23 days.  
Auroras were observed on 1 night.  
Fog on 1 day.