

ABSTRACT FOR THE MONTH OF JANUARY, 1896.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

DAY.	THERMOMETER.				BAROMETER.				† Mean pressure of vapor.	‡ Mean relative humidity.	Dew point.	WIND.		SKY CLOUDY 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.	Wt.					
1	26.13	29.2	24.2	5.0	29.6668	29.912	29.451	.451	.1035	73.3	19.0	N.W.	37.75	8.3	10	0	00	....	Inap.	Inap.	1
2	27.50	31.8	20.6	11.2	29.8643	30.024	29.597	.427	.1275	84.7	23.7	S.	14.42	8.3	10	4	51	....	1.4	0.14	2
3	23.52	35.3	6.3	29.0	29.5475	29.728	29.431	.297	.1053	78.3	17.7	N.	30.08	6.5	10	0	68	....	3.4	0.04	3
4	-5.80	6.3	-13.0	19.3	30.0698	30.235	29.885	.350	.0312	94.5	-7.3	N.	23.62	5.2	10	0	18	....	....	....	4
SUNDAY.....5	.....	-13.1	-19.7	6.6	.....	.....	.....	.....	.....	.....	.....	N.	11.83	.....	.....	.....	67	....	....	....	5.....SUNDAY
6	-15.45	-11.4	-21.1	9.8	30.6507	30.675	30.591	.084	.0203	98.3	-16.0	N.	6.58	.....	.....	.....	95	....	....	....	6
7	-6.23	-0.2	-13.0	12.8	30.4145	30.619	30.272	.347	.0312	95.8	-7.3	N.	16.00	4.5	10	0	00	....	Inap.	Inap.	7
8	2.42	6.4	-3.0	9.4	30.2613	30.345	30.170	.175	.0373	78.2	3.2	N.	1.96	1.2	7	0	87	....	....	....	8
9	8.27	10.8	4.3	6.5	30.0830	30.110	30.048	.062	.0575	90.3	6.0	N.	15.04	7.0	10	0	00	....	1.0	0.10	9
10	11.07	15.4	7.8	7.6	30.2392	30.298	30.172	.126	.0670	94.0	9.3	N.	15.54	3.7	10	0	74	....	0.1	0.01	10
11	9.70	14.7	4.6	10.1	30.2642	30.327	30.178	.149	.0640	94.7	8.5	N.	7.29	0.8	0	0	76	....	....	....	11
SUNDAY.....12	.....	26.7	2.2	24.5	.....	.....	.....	.....	.....	.....	.....	E.	9.46	.....	.....	.....	04	....	2.0	0.20	12.....SUNDAY
13	21.33	23.8	17.9	5.9	29.9730	30.108	29.887	.221	.0982	85.5	17.7	W.	17.39	9.3	10	8	36	....	Inap.	Inap.	13
14	18.58	22.8	15.2	7.6	30.1027	30.235	30.012	.223	.0925	91.5	16.5	N.W.	15.17	8.5	10	5	41	....	1.1	0.11	14
15	11.05	17.3	6.6	10.7	30.4358	30.517	30.309	.208	.0615	86.0	7.7	N.W.	19.83	3.3	10	0	51	....	....	....	15
16	13.93	20.0	5.4	14.6	30.2870	30.508	30.123	.385	.0788	94.0	12.3	N.	7.83	4.2	10	0	00	....	0.9	0.9	16
17	14.58	21.6	11.6	10.2	30.3300	30.419	30.244	.175	.0728	88.8	11.3	N.W.	11.04	4.3	10	0	72	....	....	....	17
18	17.68	20.9	13.0	7.9	30.1958	30.258	30.145	.113	.0863	88.8	15.0	N.W.	9.62	7.5	10	0	48	....	0.1	0.1	18
SUNDAY.....19	.....	20.2	10.8	9.4	.....	.....	.....	.....	.....	.....	.....	N.W.	19.21	.....	.....	.....	67	....	....	....	19.....SUNDAY
20	13.93	18.6	8.0	10.6	30.2638	30.370	30.124	.246	.0748	90.8	11.5	N.W.	12.21	7.3	10	0	28	....	0.3	0.03	20
21	20.45	24.2	17.2	7.0	30.1377	30.222	30.091	.131	.1023	93.2	18.7	S.	4.92	10.0	10	0	00	....	1.6	0.14	21
22	19.23	23.6	14.8	8.8	30.3837	30.472	30.258	.214	.0918	88.3	16.3	N.W.	7.50	6.0	10	0	65	....	....	....	22
23	15.03	18.1	12.6	5.5	30.4528	30.519	30.385	.134	.0817	94.2	13.7	N.	9.29	7.0	10	0	43	....	....	....	23
24	19.72	26.2	11.4	14.8	30.1162	30.298	29.922	.376	.1030	94.2	18.2	N.	19.29	8.3	10	0	00	....	6.6	0.66	24
25	27.42	30.6	23.8	6.8	30.0000	30.070	29.916	.154	.1425	95.2	26.0	N.	16.67	10.0	10	10	00	....	2.9	0.30	25
SUNDAY.....26	.....	28.6	24.0	4.6	.....	.....	.....	.....	.....	.....	.....	N.W.	6.12	.....	.....	.....	00	....	2.3	0.28	26.....SUNDAY
27	15.18	26.3	10.3	16.0	30.0640	30.114	30.025	.089	.0780	87.8	12.2	N.W.	22.33	7.0	10	0	55	....	....	....	27
28	1.83	10.3	-2.6	12.9	30.2687	30.345	30.157	.188	.0493	85.5	-1.7	N.W.	16.92	1.0	6	0	100	....	....	....	28
29	2.15	4.8	-2.0	6.8	30.3175	30.384	30.232	.152	.0417	87.2	-1.2	N.	10.42	8.0	10	0	00	....	....	....	29
30	13.45	18.8	6.0	12.8	30.3098	30.464	30.223	.241	.0662	80.8	8.5	N.W.	14.18	5.0	10	0	48	....	Inap.	Inap.	30
31	7.07	15.0	4.0	11.0	30.4468	30.547	30.260	.287	.0475	80.0	1.8	N.E.	10.71	6.2	10	0	49	....	....	....	31
Means	12.36	17.54	6.71	10.83	30.1906	30.300	30.078	.222	.0742	88.5	9.4	N. 20° W.	14.52	6.0	9.0	1.4	40.1	....	20.7	2.11	 Sums
22 Years means for and including this month.....	11.94	20.32	4.11	16.21	30.0596	.....	.....	.324	.0726	81.5	.....	.....	16.68	6.3	.....	.....	30.9	....	23.8	3.54	22 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	4379	484	456	32	487	69	304	4352	
Duration in hrs..	311	26	59	3	16	4	15	260	20
Mean velocity....	14.08	18.62	7.75	10.67	10.59	17.25	20.27	16.74	

Greatest mileage in one hour was 52 on the 1st.

Greatest velocity in gusts, 60 miles per hour on the 1st.

Resultant mileage, 7,710.

Resultant direction, N. 20° W.

Total mileage, 10,563.

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

‡ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

† 15 years only. * Ten years only.

The greatest heat was 35.3° on the 3rd; the greatest cold was -21.2° on the 6th, giving a range of temperature of 56.5 degrees.

Warmest day was the 2nd. Coldest day was

the 5th. Highest barometer reading was 30.675 on the 6th. Lowest barometer was 29.431 on the 3rd, giving a range of 1.244 inches. Maximum relative humidity was 100 on the 4th, 5th, 6th, 7th, 9th, 10th, 11th, 12th, 16th, 23rd and 24th. Minimum relative humidity was 61 on the 1st.

Snow fell on 17 days.

Auroras were observed on 2 nights, 3rd and 9th.

Hoar frost on 2 days, 11th and 12th.

Lunar halos on 1 night, 28th.

Lunar coronas on 2 nights, 3rd and 9th.