

# ABSTRACT FOR THE MONTH OF NOVEMBER, 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 CLOUDED 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.					
SUNDAY.....1	....	54.7	39.9	14.8	.....	.....	.....	.....	.....	.....	.....	S. W.	13.37	.....	.....	72	0.00	.....	0.00	1..... SUNDAY	
2	45.62	48.9	42.5	6.4	30.1188	30.277	30.001	.276	.2258	73.7	37.7	W.	15.58	5.2	10	0	16	.....	.....	2.....	
3	40.77	46.0	36.3	9.7	30.3598	30.398	30.323	.075	.2098	82.7	35.8	N. E.	9.46	3.0	0	0	42	.....	.....	3.....	
4	44.63	53.0	31.6	21.4	30.1333	30.301	29.958	.343	.2468	81.7	39.2	S. E.	20.46	6.0	10	0	43	0.00	.....	0.00	4.....
5	52.07	55.4	49.9	5.5	29.6452	29.929	29.939	.531	.3657	93.2	50.3	S. E.	26.70	10.0	10	10	0.0	0.93	.....	0.93	5.....
6	42.85	52.1	40.5	11.6	29.6550	29.749	29.547	.202	.2172	78.3	36.3	S. W.	31.68	10.0	10	10	0.0	0.79	.....	0.09	6.....
7	40.45	43.6	36.7	6.9	29.8627	29.919	29.780	.139	.1927	76.3	33.7	S. W.	16.58	8.3	10	5	55	0.00	.....	0.00	7.....
SUNDAY.....8	.....	44.8	32.0	12.8	.....	.....	.....	.....	.....	.....	.....	S. W.	15.33	.....	.....	00	0.15	0.00	0.15	8..... SUNDAY	
9	35.95	42.8	31.0	10.8	29.9372	30.060	29.868	.192	.1663	79.5	30.2	S. W.	13.21	5.3	10	0	93	0.00	.....	.....	9.....
10	36.12	39.4	32.8	6.6	30.2727	30.329	30.200	.129	.1572	73.8	28.7	S. W.	10.88	7.5	10	0	18	0.00	.....	0.00	10.....
11	42.10	50.3	34.8	15.5	29.8547	30.130	29.661	.469	.2178	79.8	36.2	S.	21.21	7.2	10	0	00	0.26	.....	0.26	11.....
12	41.45	45.7	35.5	10.2	29.9607	30.038	29.935	.073	.1870	71.3	32.8	S. W.	18.29	8.8	10	8	20	0.00	.....	0.00	12.....
13	30.43	33.5	25.8	7.7	29.9990	30.014	29.933	.081	.1370	80.5	25.2	N.	10.47	8.0	10	2	12	0.00	0.00	0.00	13.....
14	27.43	30.8	25.0	5.8	30.1147	30.183	30.016	.167	.1112	72.8	20.5	N. W.	10.79	9.8	10	9	00	.....	0.00	0.00	14.....
SUNDAY.....15	.....	41.2	25.5	15.7	.....	.....	.....	.....	.....	.....	.....	S. W.	19.54	.....	.....	00	0.40	1.70	0.57	15..... SUNDAY	
16	28.12	30.9	25.5	5.4	30.0620	30.158	29.887	.271	.1440	93.5	26.3	N. E.	10.33	10.0	10	10	00	.....	1.20	0.12	16.....
17	44.67	57.6	30.9	26.7	30.0722	30.350	29.837	.513	.2353	72.2	36.3	S. W.	23.96	7.8	10	2	35	0.02	.....	0.02	17.....
18	38.33	57.3	28.1	29.2	29.9347	30.340	29.569	.771	.2172	82.0	33.5	E.	19.37	10.0	10	10	00	0.54	.....	0.54	18.....
19	28.37	57.6	18.0	39.6	30.1930	30.454	29.834	.620	.1127	63.3	19.7	N. W.	22.04	2.3	7	0	90	0.01	.....	0.01	19.....
20	16.63	19.4	11.4	8.0	30.5957	30.652	30.541	.111	.0643	69.0	8.5	N. W.	8.58	3.5	10	0	46	.....	0.00	0.00	20.....
21	24.05	27.7	17.0	10.7	30.2233	30.594	30.007	.497	.1117	85.8	20.3	S. E.	11.33	8.3	10	0	00	.....	0.70	0.07	21.....
SUNDAY.....22	.....	25.5	12.5	13.0	.....	.....	.....	.....	.....	.....	.....	N. W.	11.25	.....	.....	95	.....	0.40	0.04	22..... SUNDAY	
23	23.07	36.3	8.8	27.5	30.5310	30.774	30.182	.592	.1132	80.8	18.2	S. E.	12.64	6.5	10	0	04	0.00	.....	0.00	23.....
24	37.30	44.5	29.4	15.1	30.3010	30.683	30.090	.603	.1980	87.5	33.7	N. E.	15.33	5.2	10	0	13	0.22	.....	0.22	24.....
25	22.62	26.0	20.8	5.2	30.5857	30.667	30.433	.234	.0985	81.3	18.2	N. W.	11.37	8.3	10	0	03	.....	1.10	0.23	25.....
26	25.40	29.5	23.1	6.4	30.1388	30.258	29.983	.275	.1295	93.7	23.8	N. E.	8.96	10.0	10	10	00	0.48	0.30	0.51	26.....
27	38.73	51.8	23.0	28.8	29.8332	29.859	29.781	.078	.2432	96.5	37.7	S. W.	19.25	10.0	10	10	00	0.14	.....	0.14	27.....
28	38.45	55.0	31.8	23.2	30.0812	30.221	29.798	.423	.1905	77.3	32.0	S. W.	18.33	10.0	10	10	00	0.24	.....	0.24	28.....
SUNDAY.....29	.....	30.5	22.6	7.9	.....	.....	.....	.....	.....	.....	.....	W.	11.29	.....	.....	08	.....	0.00	0.00	29..... SUNDAY	
30	24.28	28.7	21.3	7.4	30.2867	30.375	30.215	.160	.1078	82.3	19.7	S. W.	10.00	8.3	10	0	03	.....	0.50	0.05	30.....
Means.....	34.79	41.98	28.13	13.85	30.1077	30.2637	29.9507	.3130	.1760	80.55	29.38	S. 45° W.	15.55	7.57	9.8	3.8	22.2	3.48	5.90	4.19	..... Sums
22 Years means for and including this month.....	32.56	38.99	26.57	12.98	30.0171	.....	.....	.2664	.1604	79.72	.....	.....	12.40	7.38	.....	.....	28.63	2.39	12.47	3.65	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.....	289	1184	253	1830	498	4804	746	1594	.....
Duration in hrs..	26	108	29	97	38	244	56	122	.....
Mean velocity....	11.12	10.96	8.76	18.86	13.11	19.68	13.32	13.07	.....

Greatest mileage in one hour was 40 on the 17th.  
Greatest velocity in gusts, 48 miles per hour on the 17th.

Resultant mileage, 4115.  
Resultant direction, S. 45° W.  
Total mileage, 11198.  
Average velocity, 15.55 miles per hour.

\* 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. \* Eleven years only.

The greatest heat was 57.6° on the 17th and 19th, the greatest cold was 8.8° on the 23rd, giving a range of temperature of 48.8 degrees.

Warmest day was the 5th. Coldest day was the 20th. Highest barometer reading was 30.774 on the 23rd. Lowest barometer was 29.398 on the 5th, giving a range of 1.376 inches. Maximum relative humidity was 100 on the 15th. Minimum relative humidity was 57.0 on the 1st and 20th.

Rain fell on 18 days. Snow fell on 12 days.

Rain or snow fell on 27 days.

Lunar halo on 1 night on the 17th.

Lunar coronas on 2 nights on the 19th and 20th.

Fog on 5 days on 1st, 3rd, 24th, 26th and 27th.