

# ABSTRACT FOR THE MONTH OF DECEMBER, 1894.

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 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.	Vth.						
1	26.77	31.1	16.2	14.9	30.2442	30.315	30.197	.118	.1273	86.2	23.5	S.W.	9.0	10.0	10	10	00	....	Inap.	Inap.	1	
SUNDAY.....2	.....	31.1	19.7	11.4	.....	.....	.....	.....	.....	.....	.....	N.	12.2	.....	.....	00	.....	0.1	0.01	2	SUNDAY	
3	19.27	30.9	10.0	20.4	30.1115	30.194	29.970	.224	.0825	76.3	13.3	S.W.	17.9	6.8	10	0	84	.....	0.6	0.06	3	
4	31.47	33.8	26.8	7.0	29.9413	29.993	29.995	.038	.1587	89.3	28.8	S.W.	20.1	7.3	10	0	00	.....	0.4	0.04	4	
5	33.92	35.8	28.2	10.6	29.9360	30.019	29.843	.176	.1505	78.5	27.5	S.W.	14.5	9.2	10	5	29	.....	.....	.....	5	
6	32.93	38.8	25.0	13.8	29.9850	30.174	29.854	.320	.1358	71.5	24.8	S.W.	19.0	2.0	10	0	71	.....	.....	.....	6	
7	20.72	28.3	17.0	11.3	30.2207	30.252	30.202	.050	.0888	80.2	15.7	N.	7.5	6.7	10	0	39	.....	0.1	0.01	7	
8	21.25	26.8	16.8	10.0	30.1150	30.191	30.015	.176	.0927	81.3	16.3	N.	22.2	9.0	10	4	00	.....	0.1	0.01	8	
SUNDAY.....9	.....	20.4	14.0	6.4	.....	.....	.....	.....	.....	.....	.....	N.	20.8	.....	.....	00	.....	7.5	0.75	9	SUNDAY	
10	12.20	17.5	9.9	7.6	30.3505	30.404	30.223	.181	.0597	78.7	6.8	N.	17.9	3.3	10	0	83	.....	.....	.....	10	
11	25.40	35.2	10.4	24.8	30.3182	30.398	30.204	.194	.1165	81.2	20.7	S.E.	13.4	10.0	10	10	00	.....	0.8	0.08	11	
12	37.52	44.8	33.5	11.3	29.7747	30.029	29.457	.572	.2053	91.0	35.0	S.E.	22.5	10.0	10	10	00	0.55	.....	0.55	12	
13	32.33	44.2	26.0	18.2	29.6262	29.859	29.406	.453	.1502	81.0	27.3	W.	34.9	10.0	10	10	00	Inap.	.....	Inap.	13	
14	33.93	37.8	25.6	12.2	29.8460	29.864	29.821	.043	.1658	84.5	29.7	W.	25.9	9.2	10	7	00	.....	Inap.	Inap.	14	
15	38.85	43.9	34.1	9.8	29.9092	30.011	29.856	.155	.1928	81.5	33.5	S.W.	22.2	1.5	7	0	60	.....	.....	.....	15	
SUNDAY.....16	.....	46.0	31.2	14.8	.....	.....	.....	.....	.....	.....	.....	S.	13.7	.....	.....	00	.....	Inap.	.....	Inap.	16	SUNDAY
17	36.53	48.3	23.8	24.5	29.9533	30.182	29.783	.399	.1727	77.0	29.8	W.	29.0	7.8	10	0	00	.....	Inap.	Inap.	17	
18	18.35	31.0	15.0	16.0	30.3015	30.357	30.252	.105	.0722	72.0	11.0	W.	23.5	0.0	0	0	95	.....	.....	.....	18	
19	29.45	35.4	12.1	23.3	30.0827	30.164	30.041	.123	.1227	76.2	22.3	S.	11.7	9.3	10	6	04	.....	Inap.	Inap.	19	
20	35.30	39.5	31.2	8.3	30.2350	30.317	30.135	.182	.1673	81.3	30.0	S.	9.6	5.0	10	0	53	.....	.....	.....	20	
21	37.20	45.6	29.0	16.6	30.0817	30.294	29.789	.505	.1883	83.3	32.5	S.	16.7	7.2	10	0	44	Inap.	.....	Inap.	21	
22	27.30	43.6	14.5	31.0	30.1178	30.383	29.800	.583	.1265	79.5	21.8	N.W.	20.2	6.7	10	0	91	Inap.	.....	Inap.	22	
SUNDAY.....23	.....	18.1	1.0	17.1	.....	.....	.....	.....	.....	.....	.....	N.	7.3	.....	.....	97	.....	.....	.....	.....	23	SUNDAY
24	16.97	39.8	3.6	36.2	30.1660	30.471	29.807	.664	.0891	84.5	13.3	S.W.	11.9	5.2	10	0	57	.....	Inap.	Inap.	24	
25	20.25	34.3	2.9	31.4	29.8990	30.426	29.645	.581	.1325	81.2	15.5	W.	17.7	5.3	10	0	37	.....	1.2	0.12	25	
26	3.22	7.0	0.9	6.1	30.4710	30.535	30.330	.205	.0373	73.7	3.7	N.	10.4	3.3	10	0	93	.....	.....	.....	26	
27	2.03	8.0	3.6	11.6	29.9923	30.359	29.617	.772	.0432	90.0	0.2	N.	35.2	8.3	10	0	00	.....	11.0	1.10	27	
28	9.52	0.8	13.2	14.0	30.1761	30.211	30.105	.106	.0227	85.0	13.5	W.	10.2	0.5	3	0	89	.....	.....	.....	28	
29	7.95	5.5	14.1	10.6	30.0722	30.177	29.940	.237	.0258	86.7	11.2	W.	1.3	1.3	4	0	55	.....	.....	.....	29	
SUNDAY.....30	.....	23.9	6.5	30.4	.....	.....	.....	.....	.....	.....	.....	S.	5.1	.....	.....	00	.....	1.2	0.06	30	SUNDAY	
31	15.03	22.8	11.0	11.8	30.1602	30.206	30.033	.123	.0758	87.3	12.0	W.	1.9	9.3	10	7	17	.....	Inap.	Inap.	31	
..... Means	22.72	30.51	14.58	15.93	30.0802	.....	.....	.282	.1144	81.4	17.8	S. 72° W.	16.5	6.3	.....	.....	34	0.55	23.0	2.79	Sums	
20 Years means for and including this month	18.78	25.99	11.50	14.49	30.0269	.....	.....	.289	.0983	82.2	.....	.....	.....	7.0	.....	.....	29.3	1.29	24.0	3.64	20 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.....	3023	97	37	574	1410	3791	2880	471	.....
Duration in hrs	163	14	7	41	97	204	152	30	36
Mean velocity...	18.55	6.93	5.23	14.00	14.54	18.58	18.95	15.70	.....

Greatest mileage in one hour was 47 on the 27th.  
 Greatest velocity in gusts 72 miles per hour on the 27th.  
 Resultant mileage, 5488.  
 Resultant direction, S. 73° W.  
 Total mileage, 12283.

\* Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.  
 † Observed.  
 ‡ Pressure of vapour in inches of mercury  
 § Humidity relative, saturation being 100.  
 ¶ 13 years only  
 The greatest heat was 48.1° on the 17th; the greatest cold was -14.1° on the 29th, giving a range of temperature of 62.4 degrees.

Warmest day was the 15th. Coldest day was the 23th. Highest barometer reading was 30.535 on the 26th; lowest barometer was 29.406 on the 13th, giving a range of 1.129 inches. Maximum relative humidity was 97.0 on the 24th. Minimum relative humidity was 54 on the 5th.  
 Rain fell on 5 days.  
 Snow fell on 16 days.  
 Rain or snow fell on 21 days.  
 Auroras were observed on 1 night.  
 Lunar halo on the 10th.