

ABSTRACT FOR THE MONTH OF JANUARY, 1897.

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.							
1	12.90	18.5	6.4	12.1	30.6428	30.720	30.526	.194	.0663	83.5	8.8	N.E.	10.50	6.5	10	0	48	....	....	Inap.	1
2	30.47	37.2	20.1	17.1	30.4260	30.507	30.330	.177	.1558	90.0	28.0	S.	13.62	9.5	10	7	00	0.07	0.0	0.07	2	
SUNDAY.....	3	43.6	33.5	10.1	S.	15.58	84	3.....	SUNDAY	
4	42.85	47.5	38.7	8.8	29.9473	30.126	29.736	.390	.2500	90.7	40.2	S.	20.33	5.5	10	0	11	.....	.....	.....	4
5	34.40	43.4	30.0	13.4	29.6320	29.732	29.575	.157	.1782	88.0	31.3	S.W.	24.25	8.3	10	0	05	0.20	0.3	0.26	5		
6	25.00	38.0	20.5	7.5	29.6835	29.774	29.646	.128	.1082	80.3	20.2	W.	25.08	6.8	10	0	07	.....	0.6	0.06	6	
7	13.00	21.5	8.9	12.6	30.2722	30.456	30.017	.439	.0553	70.5	6.5	W.	11.12	2.3	10	0	93	.....	.....	.....	7
8	11.53	16.7	6.0	10.7	30.4897	30.558	30.397	.161	.0530	86.3	8.3	N.E.	12.46	0.0	0	0	76	.....	.....	.....	8
9	12.90	17.6	6.0	11.6	30.1088	30.486	29.756	.730	.0695	88.7	10.2	E.	4.50	5.8	10	0	36	.....	1.5	0.13	9	
SUNDAY.....	10	26.9	16.8	10.1	W.	17.67	67	0.9	0.09	10.....	SUNDAY	
11	17.13	20.9	13.0	7.9	29.7670	29.789	29.751	.038	.0793	83.5	13.2	W.	7.00	7.7	10	0	12	.....	0.2	0.02	11	
12	3.50	12.1	2.1	14.2	30.0430	30.257	29.834	.423	.0438	82.8	0.7	W.	16.37	3.5	10	0	58	.....	0.8	0.08	12	
13	4.48	0.6	8.3	7.7	30.3537	30.405	30.283	.117	.0322	91.3	6.5	S.W.	8.68	1.5	5	0	72	.....	.....	.....	13
14	1.15	7.6	7.1	14.7	30.3300	30.375	30.242	.133	.0398	86.8	1.8	N.E.	5.55	1.5	9	0	75	.....	.....	.....	14
15	7.35	14.3	0.1	14.2	30.2750	30.377	30.129	.248	.0517	83.8	3.8	N.	10.92	3.7	10	0	92	.....	.....	.....	15
16	25.02	31.9	15.0	16.9	30.1365	30.178	30.089	.089	.1270	90.0	22.7	S.W.	12.54	10.0	10	10	00	.....	0.6	0.06	16	
SUNDAY.....	17	37.6	31.2	6.4	S.	23.50	00	0.09	0.0	0.09	17.....	SUNDAY	
18	16.83	40.4	10.4	50.8	29.6415	30.151	29.321	.830	.1017	84.7	13.5	N.W.	36.82	6.8	10	0	57	0.05	.....	0.05	18	
19	12.70	7.1	19.2	12.1	30.4172	30.493	30.287	.206	.0210	87.2	15.2	W.	24.17	1.5	7	0	90	.....	.....	.....	19
20	4.58	16.1	7.8	23.9	30.3655	30.511	30.159	.361	.0455	82.8	0.3	S.	9.17	7.0	10	0	31	.....	0.1	0.01	20	
21	19.17	23.7	11.8	11.9	29.6690	29.983	29.514	.469	.0265	91.7	17.0	N.	12.96	10.0	10	10	00	.....	13.2	1.32	21	
22	18.55	23.5	14.9	8.6	29.6643	29.687	29.446	.241	.0885	87.0	15.8	N.	7.27	9.2	10	5	23	.....	.....	0.11	22
23	14.03	23.5	2.9	20.6	29.6455	29.844	29.479	.365	.0710	83.5	10.2	S.W.	20.42	8.2	10	0	09	.....	1.2	0.12	23	
SUNDAY.....	24	1.0	13.5	14.5	S.W.	21.62	76	24.....	SUNDAY	
25	10.37	4.3	23.5	27.8	29.6080	29.851	29.363	.488	.0265	87.3	12.5	S.W.	37.50	8.0	10	0	21	.....	1.2	0.12	25	
26	12.05	17.2	6.0	11.2	29.5378	29.724	29.394	.330	.0585	76.8	6.3	S.W.	43.54	8.8	10	3	13	.....	0.5	0.05	26	
27	15.85	18.6	11.4	7.2	29.8952	29.943	29.836	.107	.0733	81.7	11.7	W.	13.12	8.8	10	3	25	.....	.....	.....	27
28	15.68	19.2	11.8	7.4	29.6640	29.845	29.572	.273	.0522	92.7	14.0	S.W.	28.30	8.3	10	0	00	.....	3.9	0.39	28	
29	16.17	19.1	10.5	8.6	29.9742	30.250	29.693	.557	.0720	79.0	10.8	S.W.	28.12	4.8	10	0	55	.....	.....	.....	29
30	9.27	13.1	2.3	10.8	30.5243	30.688	30.228	.350	.0532	80.5	4.7	S.W.	13.21	0.0	0	0	99	.....	.....	.....	30
SUNDAY.....	31	17.5	0.1	17.6	S.W.	13.50	90	31.....	SUNDAY	
Means.....	13.54	21.12	7.28	13.84	30.0269	30.1812	29.8735	.3077	.0812	85.04	10.03	S. 67 1/2° W.	17.72	5.92	8.9	1.5	42.6	0.41	26.1	3.03	Sum.
23 Years means for and including this month.....	12.01	20.36	4.25	16.10	30.0582	323	.0727	81.7	16.77	6.3	31.6	0.79	28.6	3.52	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.....	1537	775	203	225	1467	5448	2331	1199	.....
Duration in hrs..	107	59	27	25	96	238	120	57	15
Mean velocity....	14.36	13.14	7.52	9.03	15.28	22.89	19.43	21.04	.....

Greatest mileage in one hour was 56 on the 26th.
 Greatest velocity in gusts, 68 miles per hour on the 26th.
 Resultant mileage, 6620.

Resultant direction, S. 67 1/2° W.
 Total mileage, 13185.
 Average velocity, 17.72 m. p. h.

*Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.
 † Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ 16 years only.
 § 11 years only.
 The greatest heat was 47° 5 on the 4th; the greatest cold was 23° 5 below zero on the 25th giving a range of temperature of 71° 0 degrees.
 Warmest day was the 4th. Coldest day was the 19th. Highest barometer reading was 30.720 on the 1st. Lowest barometer was 29.321 on the

18th, giving a range of 1,399 inches. Maximum relative humidity was 98 on the 4th, 8th and 9th. Minimum relative humidity was 41 on the 7th.
 Rain fell on 4 days.
 Snow fell on 15 days.
 Rain or snow fell on 18 days.
 Lunar halos on 1 night.
 Lunar corona on 2 nights.