

ABSTRACT FOR THE MONTH OF JANUARY, 1895.

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.			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	12.57	17.2	7.0	10.2	30.0735	30.124	30.032	.092	.0662	85.3	9.2	W.	4.9	7.7	10	2	15	....	Inap.	Inap.	1
2	9.92	17.9	5.0	12.9	30.1765	30.207	30.115	.092	.0540	78.3	4.7	S.W.	13.7	3.8	10	0	87	....	0.1	Inap.	2
3	19.22	23.2	9.0	14.2	30.1453	30.213	29.977	.236	.0890	83.7	15.7	S.	12.2	10.0	10	10	00	....	Inap.	0.06	3
4	12.03	26.8	5.0	31.8	30.0677	30.370	29.826	.544	.0708	80.8	7.3	S.W.	24.9	2.8	10	0	85	....	0.6	....	4
5	7.18	0.3	-12.7	15.0	30.4748	30.527	30.400	.127	.0252	81.7	-11.7	W.	3.7	2.3	10	0	81	....	....	....	5
SUNDAY.....	6	.....	12.7	-8.9	21.6	.....	.....	.....	.....	.....	.....	N.	12.9	.....	.....	.....	.....	.....	.....	.....	6.....SUNDAY
7	20.77	27.2	10.6	16.6	29.9338	30.085	29.940	.145	.1100	96.0	19.8	N.	1.4	10.0	10	10	00	0.12	....	0.12	7
8	25.27	29.2	17.5	11.7	30.2918	30.423	30.183	.240	.1230	89.2	22.5	W.	3.3	9.2	10	5	00	....	0.1	1.01	8
9	9.13	27.5	3.5	24.0	30.5407	30.615	30.498	.117	.0553	83.2	6.7	W.	11.2	4.3	10	0	71	....	....	....	9
10	9.55	20.5	2.0	18.5	30.4305	30.637	30.039	.598	.0598	83.2	5.2	N.	16.0	8.3	10	0	00	....	3.2	0.32	10
11	28.77	33.2	16.4	16.8	29.7382	29.806	29.616	.190	.1488	93.8	27.0	S.W.	14.8	8.8	10	3	00	0.16	0.1	0.17	11	
12	30.65	34.8	25.9	8.9	29.9263	29.964	29.881	.083	.1458	85.3	26.5	S.W.	14.9	4.0	10	0	82	....	....	....	12
SUNDAY.....	13	.....	37.2	26.2	11.0	.....	.....	.....	.....	.....	.....	N.E.	24.5	.....	.....	.....	17	....	1.3	0.13	13.....SUNDAY
14	16.13	28.0	5.8	22.2	29.7632	29.910	29.608	.302	.0727	78.2	10.7	N.	17.2	8.5	10	1	00	....	0.2	0.02	14
15	20.70	24.9	12.0	12.9	29.9595	29.993	29.911	.082	.0883	78.3	15.5	S.	14.7	6.8	10	0	21	....	Inap.	Inap.	14
16	28.37	32.6	22.2	10.4	29.8588	29.954	29.790	.164	.1242	79.7	23.0	S.W.	17.0	9.8	10	9	00	....	0.1	0.01	15
17	18.38	31.5	8.5	23.0	29.9495	30.110	29.826	.284	.0768	74.5	11.8	W.	18.0	5.7	10	0	48	....	....	....	16
18	6.05	11.8	2.5	9.3	30.0855	30.172	29.978	.194	.0410	71.5	1.5	W.	10.0	1.7	10	0	97	....	....	....	17
19	7.50	14.6	-0.7	15.3	30.1113	30.223	30.003	.220	.0507	82.2	3.2	W.	13.6	0.2	1	0	79	....	....	....	18
SUNDAY.....	20	.....	20.8	7.2	13.6	.....	.....	.....	.....	.....	.....	N.	13.2	.....	.....	.....	94	....	....	....	20.....SUNDAY
21	19.68	32.5	6.0	26.5	29.7067	30.030	29.309	.721	.0663	83.3	15.7	N.E.	14.3	8.0	10	0	00	0.52	....	0.52	21
22	30.72	35.8	26.5	9.3	29.3392	29.367	29.316	.051	.1527	87.8	27.7	W.	11.6	10.0	10	10	00	0.56	2.6	0.76	22	
23	19.60	29.2	12.8	16.4	29.4427	29.530	30.359	.171	.0862	80.5	14.5	W.	15.4	6.2	10	0	76	....	0.1	0.01	23
24	3.28	16.5	0.0	16.5	29.7908	29.985	29.608	.377	.0370	73.7	-3.7	S.W.	19.8	3.3	10	0	89	....	Inap.	Inap.	24
25	2.38	7.7	3.5	11.2	30.2172	30.282	30.122	.160	.0378	79.2	-3.0	S.W.	15.4	1.3	3	0	96	....	....	....	25
26	11.00	19.5	2.5	17.0	29.4618	29.927	29.200	.727	.0667	91.0	3.7	E.	19.0	10.0	10	10	00	....	9.4	0.94	26
SUNDAY.....	27	.....	26.8	13.2	13.6	.....	.....	.....	.....	.....	.....	S.W.	32.2	.....	.....	.....	26	....	2.3	0.20	27.....SUNDAY
28	11.07	15.3	6.3	9.0	30.0007	30.060	29.915	.145	.0602	83.3	7.0	S.W.	28.0	2.5	10	0	75	....	....	....	28
29	10.22	15.9	4.8	11.1	29.8727	29.968	29.811	.157	.0573	83.3	6.0	S.W.	10.4	4.0	10	0	51	....	....	....	29
30	16.72	25.7	9.6	16.1	29.9220	30.028	29.876	.152	.0797	85.0	13.2	S.W.	13.6	8.3	10	0	00	....	0.8	0.08	30
31	9.45	16.1	6.2	9.9	30.2448	30.301	30.172	.129	.0548	82.3	5.2	S.W.	10.5	1.5	9	0	51	....	....	....	31
.....	Means	14.89	23.00	7.69	15.31	29.9846	30.105	29.863	.241	.0789	82.8	10.6	S. 70 1/4° W.	14.59	5.9	9.6	2.2	40.0	1.36	24.9	3.76	Sums
21 Years means for and including this month.....		11.93	20.46	3.99	16.46	30.0533329	.0725	81.2	6.3	130.2	0.85	29.2	3.61	21 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.....	812	947	460	337	815	4110	3156	216	29
Duration in hrs	66	56	30	22	68	226	229	18	
Mean velocity...	12.30	16.89	15.33	15.31	11.99	18.19	13.78	12.00	

Greatest mileage in one hour was 39 on the 27th.
Greatest velocity in gusts 48 miles per hour on the 4th, 13th and 27th.

Resultant mileage, 5398.
Resultant direction, S. 70 1/2° W.
Total mileage, 10653. Lightning on 22nd.

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

‡ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

† 14 years only.

The greatest heat was 37.2° on the 13th; the greatest cold was -12.7° on the 5th, giving a range of temperature of 49.9 degrees.

Warmest day was the 22nd. Coldest day was the 5th. Highest barometer reading was 30.637 on the 10th. Lowest barometer was 29.200 on the 26th, giving a range of 1.437 inches. Maximum relative humidity was 99 on the 11th and 26th. Minimum relative humidity was 62 on the 24th.

Rain fell on 4 days.

Snow fell on 18 days.

Rain or snow fell on 20 days.

Lunar halos 2, on 8th and 9th.

Solar halos, 4, on 15th, 21st, 24th and 29th.