

ABSTRACT FOR THE MONTH OF JANUARY, 1876.

OF THE-HOURLY METEOROLOGICAL OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY. HEIGHT ABOVE SEA LEVEL, 187 FEET.

Day.	THERMOMETER.				BAROMETER.				† Mean Pressure of Vapour.	‡ Mean Relative Humidity.	WIND.		SKY CLOUDED IN TENTHS			• Rain and Snow Melted.	Day.
	Mean.	Max.	Min.	Range.	Mean.	‡ Max.	‡ Min.	Range.			General direction	Mean Velocity in m. p. hour.	Mean.	Max.	Min.		
Sunday 1	40.81	54.0	33.5	20.5	30.0659	30.154	29.865	.289	.2196	84.1	N. E.	11.2	8.9	10	5	0.02	1
2		53.3	31.7	21.6							S.	20.0					2 Sunday
3	33.35	37.5	25.0	12.5	29.8937	29.979	29.771	.208	.1305	68.0	W.	19.1	3.9	10	0	0.01	3
4	8.46	25.7	4.5	21.2	30.4384	30.624	30.091	.533	.0444	68.7	N. W.	19.0	0.5	2	0		4
5	6.14	11.0	0.6	10.4	30.2929	30.644	29.935	.709	.0481	93.6	N. E.	9.6	7.8	10	0	0.25	5
6	13.49	17.2	9.0	8.2	30.0860	30.332	29.873	.459	.0697	86.7	N. E.	8.2	10.0	10	10	0.28	6
7	10.16	12.8	5.5	7.3	30.2892	30.354	30.222	.133	.0555	79.9	E.	4.4	9.5	10	6	Inapp.	7
8	17.29	20.2	10.2	10.0	29.9734	30.200	29.665	.535	.0875	91.1	E.	5.6	10.0	10	10	0.23	8
Sunday 9		25.6	19.2	6.4							N. E.	4.7				0.34	9 Sunday
10	24.57	42.2	3.6	38.6	29.4082	29.746	29.141	.602	.1065	71.1	W.	26.2	9.9	10	9	0.46	10
11	2.35	7.8	-5.3	13.1	29.8812	29.928	29.814	.114	.0314	65.1	W.	26.7	2.6	10	0		11
12	0.15	5.5	-3.2	8.7	29.9316	29.082	29.863	.199	.0290	68.7	W.	20.0	0.7	2	0		12
13	-1.90	3.2	-6.5	9.7	30.2550	30.315	30.130	.185	.0290	73.0	W.	18.8	4.5	10	0		13
14	12.12	21.2	-1.1	25.3	30.1402	30.298	30.035	.268	.0680	83.2	S. W.	13.6	8.7	10	0	0.07	14
15	16.04	26.8	9.0	17.8	30.1077	30.246	29.744	.502	.0777	83.2	S. W.	9.0	7.7	10	0	0.20	15
Sunday 16		30.6	17.1	13.5							N.	14.0				0.13	16 Sunday
17	20.76	33.2	12.5	20.7	29.9871	30.150	29.878	.272	.1024	89.5		10.9	10.0	10	10	0.16	17
18	37.15	40.3	32.2	8.1	29.6805	29.897	29.314	.583	.2017	92.0	S.	14.0	10.0	10	10	0.93	18
19	41.90	46.8	36.5	10.3	29.4002	29.481	29.328	.153	.2330	87.0	S. W.	20.5	10.0	10	10	0.19	19
20	25.14	46.6	16.1	30.5	29.7562	30.037	29.356	.671	.1024	73.0	W.	24.6	5.6	10	0		20
21	9.17	19.0	1.4	17.6	30.3477	30.601	30.037	.564	.0488	72.1	N. W.	14.5	4.9	10	0	0.06	21
22	4.09	8.0	-3.4	11.4	30.5974	30.763	30.393	.370	.0369	69.5		8.2	6.0	10	0		22
Sunday 23		19.8	1.8	18.0								13.0				0.55	23 Sunday
24	11.97	17.8	6.2	11.6	30.2095	30.310	30.081	.226	.0511	67.7	N. W.	12.2	6.9	10	0		24
25	8.84	12.1	6.2	5.9	30.0516	30.294	29.773	.521	.0536	82.9	N. E.	6.5	10.0	10	10	0.22	25
26	8.02	14.7	3.0	11.7	30.1281	30.228	29.887	.341	.0459	74.0	W.	13.7	1.0	4	0		26
27	24.05	33.0	4.8	28.2	29.7788	30.028	29.560	.468	.1227	89.1	S. W.	17.0	9.7	10	8	0.15	27
28	31.20	34.6	20.0	6.6	30.0080	30.140	29.731	.409	.1587	90.4	S.	5.6	10.0	10	10	0.20	28
29	31.65	45.8	12.7	33.1	29.5697	30.021	29.388	.633	.1726	78.7	S. W.	29.3	6.9	10	0	0.16	29
Sunday 30		12.0	-4.5	16.5							W.	14.3					30 Sunday
31	20.97	30.9	5.4	25.5	30.2018	30.316	30.101	.242	.0779	66.9	S.	11.7	2.2	6	0		31
Means	17.73	26.10	9.96	16.14	30.0186			.917	.0925	78.53		14.53	6.80				

* Barometer readings reduced to sea-level and temperature of 32° Fahr. † Pressure of vapor in inches mercury. ‡ Humidity relative saturation, 100. Observed. Ten inches of snow is taken as equal to one inch of water.

Mean temperature of month, 17.73. Mean of maxima and minima temperature, 18.03. Greatest heat was 54.0 on the 1st; greatest cold was 6.5 below zero on the 13th,—giving a range of temperature for the month of 60.5 degrees. Greatest range of the thermometer in one day was 38.6, on the 10th; least range was 6.4 degrees on the 9th. Mean range for the month was 16.14 degrees. Mean height of the barometer for was 30.0186. Highest reading was 30.763 on the 22nd. Mean elastic force of vapor in the atmosphere was equal to .0935 inches of mercury. Mean relative humidity, 78.1. Maximum relative humidity was 100 on the 19th. Minimum relative humidity was 48 on the 11th. Mean velocity of the wind was 11.5 miles per hour. Greatest mileage in one hour was 46 on the 20th. Greatest velocity was 50 m. p. h. on the 9th. Mean direction of the wind, West. Mean of sky clouded was 68 per cent. Rain fell on 7 days. Snow fell on 16 days. Rain or snow fell on 20 days. Rainfall, 1.87 inches. Snow fall 27.4 inches. Total precipitation in inches of water was 4.61.