

**ABSTRACT FOR THE MONTH OF MARCH, 1879.**

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

Day.	THERMOMETER.				BAROMETER.				† Mean pressure of vapor.	‡ 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	15.05	27.8	-5.4	33.2	30.3325	30.675	30.126	.549	.0770	75.4	S. E.	17.3	9.9	10	9	0.30	1
Sunday 2	24.1	8.5	15.6	.....	.....	.....	.....	.....	.....	.....	W.	15.5	.....	.....	.....	.....	2 Sunday
Sunday 3	20.66	28.5	7.4	21.1	30.5664	30.636	30.52	.134	.0762	69.6	S. W.	12.5	0.6	10	0	.....	3
Sunday 4	30.17	41.2	18.7	22.5	30.1261	30.433	29.967	.466	.1331	77.3	S. W.	22.6	5.1	10	0	0.12	4
Sunday 5	11.12	35.8	1.6	34.3	30.591	30.718	30.090	.628	.0626	67.4	N. W.	9.9	0.5	4	0	.....	5
Sunday 6	9.65	21.3	4.2	25.5	30.165	30.639	29.782	.857	.0616	85.1	S. E.	11.4	10.0	10	10	0.33	6
Sunday 7	17.87	29.6	10.6	19.0	30.1205	30.377	29.806	.571	.0695	70.7	N. W.	8.2	5.4	10	0	Inapp.	7
Sunday 8	29.92	31.9	8.2	23.7	30.347	30.440	30.241	.199	.0827	74.9	N. E.	5.7	6.2	10	0	.....	8
Sunday 9	36.9	22.9	14.0	.....	.....	.....	.....	.....	.....	.....	S. E.	18.5	.....	.....	.....	0.20	9 Sunday
Sunday 10	39.90	49.2	31.3	14.9	29.9010	29.960	29.814	.146	.2031	82.6	S. W.	20.5	5.1	10	0	0.09	10
Sunday 11	37.87	16.0	27.2	18.8	29.7162	29.923	29.567	.356	.1562	67.2	W.	22.7	4.6	10	0	0.02	11
Sunday 12	28.10	35.8	23.3	12.5	30.0445	30.130	29.949	.181	.1010	65.2	W.	17.1	5.6	10	0	.....	12
Sunday 13	23.80	27.8	19.9	7.9	29.9564	30.107	29.797	.310	.1091	80.0	N. E.	6.9	7.5	40	0	0.25	13
Sunday 14	30.62	36.6	22.6	14.0	29.8040	30.002	29.630	.372	.1482	84.7	.....	8.0	10.0	10	10	0.21	14
Sunday 15	21.51	34.3	11.7	22.6	39.7932	30.016	29.633	.333	.0889	72.7	S. W.	18.2	6.0	10	0	Inapp.	15
Sunday 16	24.2	5.7	18.5	.....	.....	.....	.....	.....	.....	.....	S. W.	10.2	.....	.....	.....	Inapp.	16 Sunday
Sunday 17	14.42	20.0	9.4	10.6	29.9569	30.134	29.797	.337	.0729	85.5	N. W.	9.6	8.0	10	0	0.65	17
Sunday 18	18.74	29.0	10.5	18.5	30.0477	30.099	29.983	.116	.0734	71.6	S. W.	11.0	0.4	1	0	.....	18
Sunday 19	18.77	28.8	9.5	19.3	30.0681	30.161	30.060	.101	.0691	66.5	S. W.	11.2	1.7	9	0	.....	19
Sunday 20	24.36	33.9	17.6	16.3	30.1006	30.122	30.070	.052	.0866	66.4	S. W.	13.4	3.5	10	0	.....	20
Sunday 21	23.19	32.5	16.5	16.0	30.0189	30.157	29.935	.222	.0885	70.4	S. W.	11.0	5.2	10	0	0.09	21
Sunday 22	21.84	28.1	12.6	15.5	30.1944	30.357	29.905	.452	.0965	79.5	.....	8.8	7.5	10	0	0.15	22
Sunday 23	37.0	22.9	14.1	.....	.....	.....	.....	.....	.....	.....	W.	13.6	.....	.....	.....	0.14	23 Sunday
Sunday 24	27.42	34.5	12.7	21.8	30.0031	30.133	29.873	.260	.1229	78.1	S. W.	15.0	6.4	10	0	0.01	24
Sunday 25	32.16	38.1	17.3	10.8	30.0161	30.168	29.850	.378	.1490	81.1	N. W.	9.4	10.0	10	10	0.45	25
Sunday 26	24.72	34.0	16.9	17.1	30.1884	30.240	30.130	.110	.0910	68.0	N. E.	6.1	0.2	1	6	.....	26
Sunday 27	27.69	36.0	16.7	19.3	30.1270	30.161	30.01	.060	.1366	85.0	N. E.	5.7	9.1	10	5	0.22	27
Sunday 28	38.75	48.0	32.4	15.6	30.0989	30.196	29.876	.320	.1792	76.1	S. E.	5.0	4.6	10	0	0.01	28
Sunday 29	36.92	38.0	34.3	3.7	29.2874	29.825	29.424	.401	2027	91.9	S. W.	14.5	9.4	10	5	0.83	29
Sunday 30	36.0	24.0	12.0	.....	.....	.....	.....	.....	.....	.....	N. W.	8.8	.....	.....	.....	0.50	30 Sunday
Sunday 31	24.22	32.8	16.9	15.9	29.5474	29.628	23.401	.227	.0997	75.4	W.	11.4	8.5	10	3	.....	31
Means.....	27.957	33.47	15.90	17.57	30.0529	.....	.....	.3126	.10897	82.22	.....	12.25	5.85	.....	.....	.....	.....

\* Barometer readings reduced to sea-level and temperature of 32o Fahr. † Pressure of vapor in inches mercury. ‡ Humidity relative, saturation being 100. § Observed.

Mean temperature of month, 24.957. Mean of max. and min. temperatures, 24.60. Greatest heat was 49.2 on the 10th; greatest cold was 5.8 below zero on the 1st,—giving a range of temperature for the month of 54.6 degrees. Greatest range of the thermometer in one day was 34.3 on the 5th; least range was 3.7 degrees on the 29th. Mean range for the month was 17.6 degrees. Mean height of the barometer was 30.05296. Highest reading was 30.718 on the 5th; lowest reading was 29.324 on the 30th, giving a range of 1.394 inches. Mean elastic force of vapor in the atmosphere was equal to .109 in. of mercury. Mean relative humidity was 82.2. Maximum relative humidity was 98 on the 22nd and 29th. Minimum relative humidity was 48 on the 11th and 20th. Mean velocity of the wind 12.25 miles per hour; greatest mileage in one hour was 31 on the 4th; greatest velocity in gusts was equal to 37 miles per hour, on the 4th and 11th. Mean of sky clouded, 59 per cent. Rain fell on the 10 days. Total rainfall 1.23 inches. Snow fell on 16 days. Total snow fell 32.6 in. Rain or snow fell on 21 days. Total precipitation in inches of water 14.57.