

ABSTRACT FOR THE MONTH OF MARCH, 1877.

OF TRI-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.		
1	26.24	32.7	22.3	10.4	30.0974	30.156	29.974	.182	.0970	68.6							
2	29.57	37.8	17.4	20.4	29.6401	30.033	29.258	.755	.1467	85.1	S. W.	14.9	2.3	10	0	0.18	1
3	34.22	40.1	30.3	9.8	29.6546	29.795	29.340	.455	.1463	73.5	S.	18.8	10.0	10	10	Inapp.	2
4		35.8	18.6	17.2							S. W.	18.0	9.0	10	2	0.08	3
5	19.59	25.0	16.5	8.5	30.0093	30.075	29.971	.104	.0794	75.9	S. W.	18.1				0.02	4
6	13.34	20.0	9.3	10.7	30.0888	30.186	29.941	.245	.0541	68.3	S. W.	8.7	4.3	10	0	Inapp.	Sunday
7	20.25	27.1	13.8	13.3	29.9892	30.281	29.649	.632	.0789	72.6	S. W.	8.3	6.0	10	0		5
8	17.95	24.0	12.9	11.1	29.9095	30.229	29.475	.754	.0759	88.6	S. W.	18.1	4.6	10	0	0.25	6
9	28.81	44.6	15.7	28.9	29.1949	29.688	28.848	.840	.1592	89.5	N. E.	2.0	9.4	10	5	0.91	7
10	16.79	22.0	13.2	8.8	30.0813	30.289	29.797	.492	.0675	72.6	W.	21.3	9.5	10	7	0.85	8
11		30.0	12.9	17.1							S. W.	14.3	5.6	10	1	0.01	9
12	22.25	29.8	16.5	13.3	30.2626	30.308	30.224	.084	.0908	76.4		9.5				0.13	10
13	17.95	28.3	12.0	16.3	30.2734	30.331	30.214	.117	.0664	67.4	N. E.	5.9	6.1	10	0		11
14	23.83	37.0	7.0	30.0	29.8456	30.145	29.613	.532	.1154	82.1		15.2	3.5	10	0		12
15	18.69	32.5	14.3	18.2	29.7521	29.810	29.678	.132	.0769	74.1	W.	15.3	7.9	10	1	0.20	13
16	15.46	23.0	9.4	13.6	29.8733	30.037	29.709	.328	.0626	70.6	W.	20.4	7.9	10	1	0.01	14
17	81.91	12.8	-4.0	16.8	30.2874	30.350	30.125	.225	.0283	59.2	N.	13.8	5.5	10	1		15
18		17.8	-7.7	25.5							N. E.	4.7	2.5	10	0		16
19	14.66	26.0	6.0	20.0	29.9995	30.078	29.907	.171	.0484	58.4	W.	9.5					17
20	22.10	32.1	12.6	19.5	30.1074	30.169	30.045	.124	.0785	67.1	S. W.	16.2	1.7	6	0		18
21	27.26	30.0	24.0	6.0	29.7594	29.969	29.613	.347	.1343	90.0		15.9	4.5	10	0		19
22	34.66	41.7	28.4	13.3	29.8899	29.976	29.711	.265	.1550	77.5	S. W.	10.1	10.0	10	10	0.64	20
23	32.04	35.3	28.2	7.1	29.8549	29.952	29.798	.154	.1470	81.9	N.	12.7	9.4	10	6		21
24	31.19	38.2	26.1	12.1	30.2035	30.375	30.989	.386	.1173	67.0	N. E.	5.1	9.6	10	9		22
25		29.7	23.0	6.7							N. E.	6.2	7.4	10	0		23
26	35.21	45.0	23.5	21.5	29.9734	30.134	29.713	.421	.1743	84.6	N. E.	11.2				Inapp.	24
27	36.32	37.9	34.1	3.8	29.4764	29.616	29.370	.246	.2103	97.9	E.	10.0	9.1	10	4	0.32	25
28	35.60	38.7	31.0	7.7	29.3080	29.398	29.255	.143	.2003	95.3	N. E.	7.9	10.0	10	10	0.53	26
29	28.58	31.0	25.8	5.2	29.6096	29.839	29.418	.421	.1356	86.7	N. W.	12.0	10.0	10	10	0.79	27
30	35.04	46.0	23.2	21.8	30.1104	30.294	29.914	.380	.1175	59.9	N. W.	12.6	10.0	10	10	0.12	28
31	37.79	46.0	30.6	15.4	30.3389	30.397	30.292	.105	.1321	58.8	N.	12.7	3.3	10	3	Inapp.	29
Means	25.122	32.19	17.67	14.52	29.9108			.3356	.11092	75.91		11.54	6.69				30
																	31

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

Mean temperature of month, 25.12. Mean of max. and min. temperature, 24.93. Greatest heat was 46.0 on the 30th and 31st; greatest cold was 7.7 on the 18th,—giving a range of temperature for the month of 53.7 degrees. Greatest range of the thermometer in one day was 30.0, on the 14th; least range was 3.8 degrees on the 27th. Mean range for the month was 14.52 degrees. Mean height of the barometer elastic force of vapor in the atmosphere was equal to .11093 inches of mercury. Mean relative humidity was 75.91. Maximum relative humidity was 100 on the 9th, 28th and 29th. Minimum relative humidity was 39, on the 17th. Mean velocity of the wind was 11.54 miles per hour; greatest mileage in one hour was 47, on the 9th. Greatest velocity in gusts was 51 miles per hour on the 9th. Mean direction of the wind, W. Mean of sky clouded was 66.9 per cent.

Rain fell on 8 days. Snow fell on 16 days. Rain or snow fell on 19 days. Total rainfall, 2.73 inches. Total snowfall 22.4 inches equal to 2.31 in. water. Total precipitation in inches of water was 5.04.