

ABSTRACT FOR THE MONTH OF APRIL, 1876.

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.		
Sunday 1	23.04	41.6	25.0	16.6	30.1935	30.388	30.001	.387	.1212	69.2	N. W.	10.5	6.5	10	0	0.06	1
2	32.49	40.7	23.6	17.1	30.0481	30.208	29.886	.320	.1226	67.1	N. W.	9.3	6.6	10	0		2 Sunday
3	32.84	34.1	29.8	4.3	29.8742	29.959	29.803	.156	.1821	97.5	E.	7.9	10.0	10	10	0.53	3
4	35.29	40.9	28.9	12.0	29.8731	29.990	29.755	.235	.1720	83.7	E.	9.4	9.1	10	7	0.08	4
5	36.86	39.4	35.0	4.4	29.7512	29.833	29.711	.122	.1444	66.1	S. W.	19.4	10.0	10	10		5
6	34.89	37.6	32.6	5.0	29.7081	29.802	29.622	.180	.1691	83.7		12.1	10.0	10	10	0.32	6
7	26.52	33.5	21.1	12.1	29.9595	30.048	29.832	.216	.0902	62.2	N. W.	16.5	6.0	10	0		7
Sunday 8		39.1	17.0	22.1							W.	17.4					8
9	35.16	41.0	28.2	15.8	30.0430	30.079	30.992	.081	.1316	64.7	W.	14.4	3.9	10	0		9 Sunday
10	43.20	50.2	34.8	15.4	30.0565	30.093	29.995	.098	.1515	54.9	W.	10.3	2.0	9	0		10
11	44.04	52.6	33.9	18.7	29.9222	30.033	29.941	.096	.1451	50.4		4.1	0.6	2	0		11
12	42.91	51.2	28.9	25.3	29.7282	29.925	29.528	.397	.2117	74.0	S. E.	9.5	6.1	10	0	0.03	12
13	39.21	48.0	35.9	12.1	29.4625	29.537	29.343	.194	.2225	92.9	S.	12.5	10.0	10	10	0.20?	13
14	38.74	43.0	35.8	7.2	29.4667	29.576	29.414	.162	.1639	67.1	S. W.	20.1	7.5	10	1		14
Sunday 15		45.2	33.6	11.7							S. W.	11.4					15
16	35.42	39.8	32.7	7.1	29.7381	29.099	29.592	.307	.1629	78.9	S. W.	13.7	9.0	10	2	0.08	16 Sunday
17	35.76	41.1	31.0	10.1	29.9955	30.073	29.900	.173	.1435	69.1	W.	9.2	9.2	10	4	Inapp.	17
18	38.42	46.7	31.9	14.8	30.1241	30.153	30.061	.092	.1359	58.7	W.	11.6	3.9	10	0		18
19	41.39	50.9	32.3	18.6	30.1008	30.195	29.992	.633	.1361	52.7	W.	13.3	5.0	10	0		19
20	37.66	43.4	32.8	10.6	29.8659	29.998	29.785	.213	.1897	81.7		8.7	8.9	10	1	0.20	20
21	43.81	55.2	36.2	19.0	30.0336	30.069	30.007	.062	.1901	68.5	W.	4.6	8.0	10	2	0.02	21
Sunday 22		51.8	35.3	16.5								6.8					22
23	43.14	50.0	33.9	16.1	30.1526	30.195	30.089	.106	.1366	49.7	N. E.	6.2	2.4	8	0		23 Sunday
24	42.51	53.7	30.9	22.8	30.1810	30.217	30.155	.062	.1551	56.9	N. E.	5.2	4.4	10	0		24
25	41.67	53.1	31.9	21.2	30.1466	30.224	30.073	.151	.1416	49.4	N. E.	3.1	0.9	2	0		25
26	44.13	56.8	32.1	24.7	30.0401	30.113	29.966	.147	.1344	48.6	N. E.	5.1	1.0	2	0		26
27	39.45	46.1	31.1	15.0	29.7017	29.927	29.527	.400	.2026	81.4		9.8	6.5	10	0	0.43	27
28	39.72	49.0	32.9	16.1	29.7887	29.863	29.716	.147	.1564	65.5	W.	13.4	4.6	10	0	0.19	28
Sunday 29		41.1	33.0	11.1							N. W.	8.7				0.09	29
30																	30
Means	38.412	45.59	30.91	14.68	29.9207			.1894	.1567	68.0		10.58	6.1				

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, 38.41. Mean of maxima and minima temperature, 38.25. Greatest heat was 55.2 on the 22nd; greatest cold was 17.0 below zero on the 9th,—giving a range of temperature for the month of 38.2 degrees. Greatest range of the thermometer in one day was 25.3, on the 13th, least range was 4.4 degrees on the 6th. Mean range for the month was 14.7 degrees. Mean height of the barometer was 29.9207. Highest reading was 30.388 on the 1st, lowest reading was 29.343, on the 14th—giving a range of 1.045 inches. Mean elastic force of vapor in the atmosphere was equal to .1567 inches of mercury. Mean relative humidity was 68.0. Maximum relative humidity was 100 on the 4th. Minimum relative humidity was 29, on the 27th. Mean velocity of the wind was 10.6 miles per hour; Greatest mileage in one hour was 27 on the 9th. Mean direction of the wind, West. Mean of sky clouded was 61 per cent.

Rain fell on 10 days. Snow fell on 7 days. Rain or snow fell on 13 days. Rainfall, 1.03 inches. Snowfall 12.0 inches. Total precipitation in inches of water was 2.23.