

ABSTRACT FOR THE MONTH OF MAY, 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	44.36	49.3	41.3	8.0	29.7860	29.803	29.764	.039	.2028	69.8	W.	11.1	8.8	10	2		1
2	39.40	44.7	35.5	9.2	29.7918	29.816	29.774	.042	.1606	66.5	W.	13.3	9.1	10	5	Inapp.	2
3	40.89	48.2	32.2	16.0	29.6739	29.774	29.575	.199	.1533	61.0	W.	17.4	7.8	10	1	Inapp.	3
4	45.60	54.5	36.6	17.9	29.6823	29.846	29.612	.231	.1296	43.0	W.	12.0	3.5	8	0		4
5	47.88	56.2	39.4	16.8	29.9823	30.017	29.884	.133	.1489	45.3	W.	6.3	1.2	5	0		5
Sunday 6		61.3	38.2	23.1							N. E.	7.9					6 Sunday
7	47.95	57.7	38.3	19.4	29.9588	30.007	29.898	.108	.2165	66.0	N.	9.0	4.2	10	0	0.04	7
8	40.05	51.7	38.2	13.5	29.9203	29.947	29.892	.05	.2174	73.1	N. E.	9.9	6.5	10	0	Inapp.	8
9	43.38	50.0	36.3	13.7	29.9219	29.954	29.894	.060	.1979	70.8	N. E.	17.7	8.4	10	1	Inapp.	9
10	46.15	51.2	39.3	11.9	30.0203	30.126	29.955	.167	.1861	62.8	N. E.	14.8	9.8	10	8	Inapp.	10
11	52.11	63.3	39.0	24.3	30.2191	30.256	30.158	.098	.1846	48.5	N. E.	3.4	1.4	3	0		11
12	58.61	68.0	41.6	26.4	0.2701	30.350	30.227	.103	.2065	43.8	S. W.	5.3	0.5	2	0		12
Sunday 13		72.5	50.4	22.1							S. W.	16.3					13 Sunday
14	61.85	75.4	49.3	26.1	30.1052	30.190	30.020	.170	.2697	50.0	S. W.	21.2	8.4	10	5	0.03	14
15	62.20	75.0	55.0	20.0	30.0495	30.136	29.975	.161	.3214	52.2	S. W.	12.7	8.5	10	3		15
16	66.67	76.7	54.8	21.9	29.8686	29.961	29.728	.236	.4331	66.9	S. W.	15.9	8.4	10	6		16
17	69.62	76.5	61.0	15.5	29.8332	29.869	29.767	.102	.5125	71.4	S. W.	14.5	7.5	10	3	0.38	17
18	70.40	77.0	66.7	10.3	29.7574	29.866	29.610	.253	.5601	75.5	W.	18.2	9.0	10	5	0.04	18
Sunday 19	6.20	75.5	62.2	13.3	29.8876	29.967	29.828	.139	.4622	67.0		8.3	7.0	10	3	Inapp.	19
20		72.3	59.	13.0								6.8				0.01	20 Sunday
21	57.41	62.5	47.9	14.2	29.7545	29.867	29.615	.252	.3167	67.1	N. E.	6.3	8.4	10	2	0.02	21
22	57.76	66.0	52.1	13.9	29.6096	29.679	29.585	.094	.2804	59.4	N. E.	8.0	9.4	10	6	0.08	22
23	50.55	54.0	44.3	9.7	29.7640	29.816	29.697	.119	.2239	61.9	N.	5.2	7.4	10	2	Inapp.	23
24	50.52	58.0	42.4	5.6	29.8396	29.9	29.799	.111	.2301	66.5	N.	8.2	7.2	10	2	Inapp.	24
25	53.14	57.4	44.5	12.9	29.9224	29.972	29.894	.078	.2851	71.0	N. E.	4.7	9.1	10	5	Inapp.	25
Sunday 26	54.71	61.7	48.3	13.4	30.0376	30.126	29.990	.136	.2969	69.0	N. E.	3.3	8.7	10	3	0.01	26
27		65.7	46.8	18.9								6.0					27 Sunday
28	65.86	76.3	55.0	21.3	30.1186	30.152	30.081	.071	.3082	49.5	S. W.	18.1	2.8	6	0		28
29	68.10	78.2	58.2	20.0	30.1087	30.182	30.044	.138	.3321	48.5	S. W.	13.7	2.2	3	1		29
30	69.02	79.0	58.7	20.3	29.9709	30.042	29.891	.151	.3269	47.1	S. W.	13.3	4.5	9	2		30
31	68.00	72.7	61.0	11.7	29.9347	29.977	29.898	.079	.4035	58.6	S. W.	15.0	5.7	10	2	Inapp.	31
Means	55.644	64.134	47.54	16.59	29.9181			.1306	.28033	60.37		11.09	6.49				

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, 55.64. Mean of max. and min. temperature, 55.83. Greatest heat was 79.0 on the 30th; greatest cold was 32.2 on the 3rd,—giving a range of temperature for the month of 46.8 degrees. Greatest range of the thermometer in one day was 26.4, on the 12th; least range was 8.0 degrees on the 1st. Mean range for the month was 16.6 degrees. Mean height of the barometer was 29.9181. Highest reading was 30.300 on the 12th; lowest reading was 29.575, on the 29th—giving a range of 0.755 inches. Mean elastic force of vapor in the atmosphere was equal to .2803 inches of mercury. Mean relative humidity was 60.04. Maximum relative humidity was 88 on the 8th. Minimum relative humidity was 27, on the 5th. Mean velocity of the wind was 11.1 miles per hour; greatest mileage in one hour was 27, on the 16th. Greatest velocity in gusts was 36 miles per hour on the 18th. Mean direction of the wind, W. Rain fell on 18 days. Total rainfall, 0.62 inches.