

ABSTRACT FOR THE MONTH OF AUGUST, 1876.

OF TRI-HOURLY METEOROLOGICAL OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY, HEIGHT ABOVE SEA LEVEL 137 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.	2 Max.	2 Min.	Range.			General direction.	Mean Velocity in m. p. hour.	Mean.	Max.	Min.		
1	69.53	76.8	60.6	16.2	30.1332	30.211	30.015	.196	.4878	68.2	N. E.	6.8	0.6	1	0		1
2	72.18	83.3	62.3	21.0	30.2395	30.289	30.208	.081	.5483	70.2	S. E.	5.8	0.5	1	0		2
3	73.65	82.2	63.6	18.6	30.1886	30.267	30.095	.172	.5400	66.4	S.	8.5	4.8	2	0		3
4	75.35	84.0	67.7	16.3	30.0841	30.131	30.037	.094	.6593	72.3	S. W.	6.2	7.6	10	1		4
5	80.02	89.2	70.6	18.6	30.0722	30.121	30.031	.086	.7383	73.0	S. W.	5.8	3.0	6	1		5
Sunday 6		92.2	73.7	18.5							S. W.	8.9					6 Sunday
7	79.08	87.0	72.4	14.6	29.9695	30.041	29.873	.168	.7210	73.2	S. W.	13.2	6.2	10	1	0.15	7
8	74.66	84.0	67.2	16.8	30.0062	30.930	29.963	.067	.5273	62.5	N. W.	10.3	0.6	4	0	0	8
9	75.91	86.0	63.6	22.4	30.0813	30.122	30.048	.074	.5300	60.2		5.1	1.6	6	0	0	9
10	77.35	89.0	64.7	24.3	30.1308	30.169	30.096	.073	.6258	67.8	S. W.	4.8	2.3	4	2		10
11	78.22	88.4	67.9	20.5	30.1186	30.174	30.063	.111	.7056	73.8	S. E.	3.5	6.0	8	2		11
Sunday 12	78.76	87.8	69.3	18.5	30.1131	30.195	30.075	.120	.7290	78.7		4.3	7.7	10	3		12
Sunday 13		91.0	72.0	19.0								3.4					13 Sunday
14	82.13	90.6	71.4	19.2	29.9583	30.054	29.823	.231	.7446	69.0	S. W.	6.4	5.0	10	2	Inapp.	14
15	72.90	84.7	61.1	23.6	29.7993	29.924	29.735	.189	.5957	72.7		9.4	5.5	10	0	0.85	15
16	62.86	69.8	55.5	14.3	30.0291	30.069	29.957	.112	.3822	67.0		7.3	3.7	10	0	0.04	16
17	65.48	76.7	56.0	20.7	30.0202	30.060	29.977	.083	.4682	74.8		3.6	5.6	10	1	Inapp.	17
18	68.61	77.9	59.2	18.7	29.9280	29.998	29.831	.167	.4892	71.7		5.0	4.1	10	0		18
Sunday 19	67.16	69.2	64.8	4.4	29.7271	29.778	29.657	.121	.6107	91.7	S.	8.8	9.9	10	4	0.97	19
Sunday 20		67.0	51.5	15.5							N. W.	12.5					20 Sunday
21	56.21	66.0	48.4	17.6	30.0648	30.152	29.964	.188	.2650	62.6	N. W.	11.1	7.5	10	0	Inapp.	21
22	64.06	75.4	55.4	20.0	29.9625	29.993	29.899	.094	.3530	59.6	N. W.	7.5	5.1	10	2		22
23	63.47	70.0	56.9	13.1	30.1007	30.185	30.004	.181	.3413	58.8	N. E.	6.2	1.1	8	0		23
24	64.30	76.4	53.3	23.1	30.1070	30.170	30.004	.166	.4195	71.5		4.2	5.5	10	0		24
25	70.22	82.3	59.7	22.6	29.8107	29.960	29.659	.307	.5477	73.2	S.	8.8	7.2	10	1	Inapp.	25
Sunday 26	62.46	70.0	55.5	14.5	29.4801	29.967	29.792	.115	.3525	63.1	W.	11.1	4.5	10	0		26
Sunday 27		60.7	51.5	9.2							N. W.	14.4					27 Sunday
28	58.03	66.4	48.8	17.6	30.0410	30.076	20.016	.060	.3283	68.2	N. W.	10.1	3.0	9	0		28
29	63.16	73.0	54.6	18.4	30.0291	30.076	29.986	.083	.3861	63.8	S. W.	4.8	1.7	5	0		29
30	67.02	78.9	53.7	25.2	29.9300	29.995	29.865	.130	.4097	62.5	W.	5.3	0.7	3	0		30
31	69.77	78.8	53.8	24.9	29.8341	29.898	29.767	.231	.5110	69.9		6.5	7.0	10	0		31
Means	70.092	79.18	60.86	18.32	30.0117			.1371	.5190	68.74		7.05	4.3				

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, 70.092. Mean of mean max. and min. temperature, 70.02. Greatest heat was 92.2 on the 6th; greatest cold was 48.8 on the 21st,—giving a range of temperature for the month of 43.8 degrees. Greatest range of the thermometer in one day was 25.2, on the 30th; least range was 1.1 degrees on the 19th. Mean range for the month was 18.43 degrees. Mean height of the barometer was 30.0117. Highest reading was 30.289 on the 2nd; lowest reading was 29.653, on the 25th—giving a range of 0.636 inches. Mean elastic force of vapor in the atmosphere was equal to .5190 inches of mercury. Mean relative humidity was 67.74. Maximum relative humidity was 98 on the 19th. Minimum relative humidity was 44, on the 22nd. Mean velocity of the wind, was 7 miles per hour; Greatest mileage in one hour was 24, on the 27th. Mean direction of the wind, W. S. W. Mean of sky clouded was 43 per cent.

Rain fell on 9 days. Total rainfall, 1.98.