

**ABSTRACT FOR THE MONTH OF AUGUST, 1875.**

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		70.0	54.0	16.0							N.	5.0					1 Sunday
2	64.04	70.9	53.0	17.9	30.2549	30.291	30.213	.078	.3670	62.75	E.	2.6	0.9	2	0		2
3	57.67	66.2	54.0	12.2	30.1900	30.249	30.093	.156	.4281	87.25	E.	5.5	7.2	10	0	0.15	3
4	61.15	65.7	55.7	10.0	30.0111	30.053	29.980	.073	.5136	94.87	calm.	0.1	9.9	10	9	0.25	4
5	67.39	73.7	62.4	11.3	29.9240	29.976	29.879	.097	.5610	84.25	S. W.	2.1	7.9	10	0	Inapp.	5
6	70.04	79.3	59.5	19.8	29.8481	29.921	29.758	.163	.5799	79.75	S. E.	6.6	4.6	9	0	Inapp.	6
7	71.96	72.5	66.9	5.6	29.7517	29.820	29.718	.102	.6100	78.10	W.	6.4	7.0	9	5	0.28	7
Sunday 8		74.0	63.6	10.4							W.	5.6				0.09	8 Sunday
9	63.29	77.5	59.9	17.6	29.8647	29.914	29.819	.095	.4912	71.75	S. W.	6.5	3.5	8	0		9
10	70.66	80.3	63.0	17.3	29.8495	29.893	29.812	.081	.5106	68.90	S. W.	5.9	5.0	10	0		10
11	72.26	81.7	64.6	17.1	29.9359	29.963	29.886	.077	.5857	74.00	S.	3.5	5.1	10	0		11
12	71.01	78.1	67.9	10.2	29.9279	29.949	29.911	.038	.6895	90.90	S.	2.1	9.6	10	9	0.50	12
13	72.96	76.8	70.0	6.8	29.8602	29.883	29.831	.052	.7524	92.60	S. W.	4.6	9.2	10	8	0.36	13
14	72.64	81.1	66.4	14.7	29.8542	29.881	29.818	.063	.3924	74.60	S. W.	11.2	2.7	8	0		14
Sunday 15		84.1	65.4	18.7							W.	7.1					15 Sunday
16	70.32	70.9	67.5	13.4	29.8157	29.856	29.765	.091	.6307	84.70	N.	7.5	4.7	8	1	0.01	16
17	70.14	77.6	64.4	13.2	29.8306	29.851	29.794	.067	.6517	88.40	S.	11.4	5.1	8	1	0.10	17
18	67.70	71.6	64.0	7.6	29.8024	29.845	29.721	.124	.6520	96.00	N. E.	6.3	8.2	10	1	0.83	18
19	70.47	79.9	65.1	14.8	29.7650	29.807	29.728	.079	.6275	85.00	N. W.	5.5	8.1	10	3	Inapp.	19
20	69.77	78.0	64.8	13.2	29.8767	29.942	29.821	.121	.5767	80.00	W.	10.5	4.1	8	1	Inapp.	20
21	69.77	78.8	63.2	15.6	29.9960	29.033	29.941	.092	.5406	75.40	W.	11.2	4.9	10	1	0.02	21
Sunday 22		68.3	53.4	14.9							W.	9.5					22 Sunday
23	58.24	66.6	51.0	15.6	30.3510	30.381	30.319	.062	.3226	66.70	S. W.	2.9	1.7	3	0		23
24	61.92	71.8	51.1	20.7	30.3569	30.394	30.330	.064	.3952	72.12	E.	1.8	2.1	5	0		24
25	65.91	75.0	57.1	17.9	30.3202	30.380	30.257	.123	.4389	59.50	E.	2.5	0.5	1	0		25
26	68.22	78.6	57.1	21.5	29.2504	30.310	30.200	.110	.4622	66.75	S.	3.8	2.4	6	0		26
27	69.82	81.7	58.1	23.6	39.2112	30.267	30.166	.101	.5042	70.00	W.	5.0	3.6	10	0		27
28	74.40	83.0	63.4	19.6	30.1244	30.217	30.048	.169	.6884	58.50	W.	5.0	1.5	6	0		28
Sunday 29		87.0	65.1	21.9							W.	6.0					29 Sunday
30	76.04	86.2	60.8	25.4	29.9216	29.980	29.867	.113	.5659	63.62	W.	5.9	3.9	9	0		30
31	72.66	81.6	63.8	17.8	30.0287	30.083	29.947	.136	.5297	65.50	N. E.	4.1	1.6	6	0		31
Means .....	68.67	76.72	61.17		29.9967				.5411	76.99		5.6	4.8				

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

Mean temperature of month, 68.67. Mean of maxima and minima temperature, 68.91. Maximum temperature on the 29th was 87.0, Minimum temperature on the 23rd, 51.0, giving a range of temperature for the month of 35.9 degrees. Greatest range in one day was 25.4, on the 30th; least range was 5.6 on the 7th. Mean height of the barometer was 29.9967. Highest reading was 30.394, on the 24th; lowest, 29.718, was on the 6th giving a range of .676 inches. Mean elastic force of vapor was equal to .5411 of an inch of mercury. Mean relative humidity, 76.99. Maximum relative humidity was 100 on the 12th, during heavy rain. Minimum was 43 on the 2nd, during clear weather. Mean velocity of wind for month, 5.6 miles per hour. Maximum velocity, 24 miles per hour was on the 14th; prevailing wind from the west. Mean of sky clouded, in tenths, 4.8. Rain fell on 1 days. Total precipitation in inches of water, 2.50 inches. Number of Auroras, 1.