

ABSTRACT FOR THE MONTH OF OCTOBER, 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	40.51	48.9	36.7	12.2	29.6905	29.798	29.611	.187	.2037	81.0	W.	10.2	7.5	10	0	Inapp.	1
	2	40.82	49.2	34.8	14.4	30.0580	30.285	29.844	.441	.1906	75.1	W.	11.4	2.7	10	0	Inapp.	2
	3			56.0	36.8	19.2						S. W.	9.9				0.02	3 Sunday
Sunday	4	49.90	55.5	42.9	12.6	29.9884	30.061	29.934	.127	.3203	89.0	W.	11.2	10.0	10	10	0.18	4
	5	37.35	44.2	33.7	10.5	30.1747	30.341	30.075	.260	.1929	86.2	N. E.	12.2	9.0	10	2	0.13	5
	6	38.20	46.6	31.2	15.4	30.2204	30.355	29.984	.371	.2019	86.2	N. E.	12.7	8.7	10	0	Inapp.	6
	7	47.41	50.2	41.2	9.0	29.9357	29.992	29.847	.145	.2602	79.1	W.	14.9	7.2	10	0	0.38	7
	8	41.89	47.2	35.1	12.1	29.9434	30.048	29.882	.166	.2380	89.1	W.	5.8	8.3	10	0	Inapp.	8
	9	42.09	45.8	37.8	8.0	30.1682	30.243	30.072	.171	.2169	81.2	N. E.	4.7	7.9	10	?		9
	10		50.6	39.2	11.5								12.8				0.11	10 Sunday
	11	41.36	46.9	36.2	10.7	29.8867	30.122	29.684	.438	.2100	79.4	W.	15.7	7.9	10	1	0.07	11
	12	35.72	40.0	31.8	8.2	30.2349	30.332	30.147	.185	.1420	67.9	W.	7.0	6.9	10	0	0	12
	13	34.45	42.9	26.9	16.0	30.3652	30.408	30.328	.080	.1446	73.1	S. W.	8.0	4.5	10	0	0	13
Sunday	14	42.44	52.8	30.7	22.1	30.1653	30.326	29.965	.361	.1932	71.4	S.	12.6	8.4	1	0	0	14
	15	49.30	57.5	39.7	17.8	29.7495	29.944	29.568	.376	.2729	77.5	S. E.	14.1	4.7	10	0	0	15
	16	48.87	51.8	42.7	9.1	29.5444	29.596	29.404	.192	.3222	93.0	N. E.	8.7	10.0	10	10	0.28	16
	17		40.0	33.9	6.1							W.	19.2				1.17	17 Sunday
	18	35.52	37.5	33.8	3.7	30.0044	30.144	29.917	.227	.1814	87.2	S. E.	8.6	10.0	10	10	6.06	18
	19	38.19	45.5	34.7	10.8	30.2172	30.273	30.175	.098	.1885	82.0	S. W.	7.5	8.6	10	3	0	19
	20	45.26	51.8	36.8	15.0	29.9364	30.132	29.751	.381	.2364	78.0	S. W.	18.2	8.0	10	2	0.07	20
	21	48.30	58.0	39.3	18.7	29.7984	29.873	29.714	.259	.2604	76.6	N. W.	13.9	7.1	10	1	Inapp.	21
Sunday	22	40.64	46.5	33.9	12.6	30.0091	30.063	29.929	.134	.1835	72.2	E.	6.4	2.1	9	0	0	22
	23	42.11	52.5	34.8	17.7	29.8118	29.903	29.759	.144	.2172	80.0	N. E.	7.4	1.1	5	0	0	23
	24		50.4	32.9	17.5							N. E.	4.9				0	24 Sunday
	25	39.37	42.5	33.4	9.1	29.9195	30.095	29.766	.329	.2003	82.0	N.	8.3	5.2	10	0	0	25
	26	35.06	45.0	30.0	15.0	29.9156	30.146	29.600	.546	.1780	84.7	E.	12.2	7.5	10	0	0.51	26
Sunday	27	42.22	45.5	37.8	7.7	29.5640	29.744	29.486	.258	.2217	81.8	S. W.	15.5	7.7	10	3	0.20	27
	28	34.47	39.3	32.0	7.3	30.0442	30.120	29.851	.269	.1487	74.5	N. W.	11.3	8.0	10	3	0	28
	29	31.14	34.5	27.2	7.3	30.0947	30.136	30.044	.092	.1372	78.2	N. E.	13.5	8.4	10	2	Inapp.	29
	30	40.22	48.7	30.5	18.2	29.7075	29.973	29.541	.432	.2175	86.0	E.	16.5	10.0	10	10	0.91	30
	31		42.8	28.6	14.5							W.	15.2				0.65	31 Sunday
Means	40.877	47.31	34.73	12.54	29.9671				.2108	80.5		11.31	6.90					

* 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, 40.88. Mean of maxima and minima temperature, 41.0. Greatest heat was on the 21st, 58.0; greatest cold was on the 13th, 26.9,—giving a range of temperature for the month of 31.1 degrees. Greatest range of the thermometer in one day was 22.1, on the 14th; least range was 3.7 on the 18th. Mean range for the month was 12.54 degrees. Mean height of the barometer for the month was 29.9671. Highest reading was 30.408, on the 13th; lowest was 29.404, on the 16th, giving a range of 1.004 inches. Mean elastic force of vapor in the atmosphere was equal to .2108 inches of mercury. Mean relative humidity, 80.5. Maximum relative humidity was 99 on the 30th, during rain and cloudy weather after rain. Minimum relative humidity was 52 on the 12th, during cloudy weather. Mean velocity of the wind was 11.31 miles per hour. Maximum velocity was 28 miles per hour on the 30th. Mean of sky clouded, in tenths, 6.9. Rain fell on 20 days. Total rainfall, 4.74. Slight shower of snow on the 5th; and of hail on the 6th and 26th.