

ABSTRACT FOR THE MONTH OF JULY, 1892.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet, C. H. McLEOD, Superintendent.

DAY.	THERMOMETER.				BAROMETER.				† Mean pressure of vapour	‡ Mean relative humidity.	Dew point.	WIND.		SKY CLOUDS IN TENTHS.			Per cent. of Possible Sunshine.	Rainfall in inches.	Snowfall in inches.	Rain and snow melted.	DAY.
	Mean.	Max.	Min.	Range.	Mean.	Max.	Min.	Range.				General direction.	Mean velocity in miles per hour.	Mean.	Max.	Min.					
1	60.13	67.5	55.2	12.3	29.9988	30.036	29.937	.099	.3628	69.5	50.0	W.	18.4	6.5	10	1	77	....	....	...	1
2	65.73	72.8	54.4	18.4	30.0205	30.080	29.960	.120	.3753	59.7	51.0	W.	17.8	5.7	10	0	76	....	....	...	2
SUNDAY	3	.....	64.5	56.0	8.5	.....	.....	.....	.....	.....	.....	E.	4.0	.....	.....	.....	82	0.99	....	0.99	3
4	58.22	66.5	52.0	14.5	30.0050	30.205	29.790	.415	.3258	66.7	47.0	N.	12.0	6.0	10	0	61	0.30	....	0.30	4
5	58.73	68.3	47.2	21.1	30.3153	30.358	30.266	.092	.3188	65.2	46.7	E.	5.4	3.7	10	0	96	....	....	....	5
6	64.65	73.5	51.4	22.1	30.4542	30.482	30.409	.073	.3550	59.3	49.5	W.	6.5	4.0	3	0	99	....	....	....	6
7	69.95	77.7	60.0	17.7	30.4330	30.522	30.335	.187	.4753	65.5	57.3	N.W.	11.5	2.0	2	0	90	....	....	....	7
8	71.00	82.5	62.0	20.5	30.1808	30.340	30.069	.251	.5607	74.2	62.2	N.W.	15.5	7.2	10	0	40	0.21	....	0.21	8
9	67.53	74.8	61.8	13.0	30.0207	30.084	29.978	.106	.5632	84.0	62.2	N.W.	12.7	9.7	10	9	00	0.58	....	0.58	9
SUNDAY	10	.....	84.8	64.4	18.4	.....	.....	.....	.....	.....	.....	N.W.	15.8	.....	.....	.....	77	Inap.	....	Inap.	10
11	75.17	84.8	64.3	20.0	29.9903	30.043	29.936	.107	.5935	67.8	63.8	W.	13.4	2.8	8	0	67	....	....	....	11
12	75.70	84.6	65.3	19.3	29.8547	29.945	29.771	.174	.6173	69.7	64.8	W.	18.9	3.2	10	0	56	....	....	....	12
13	76.25	85.4	71.2	14.0	29.7443	29.797	29.702	.095	.6493	71.7	66.3	W.	16.5	5.7	10	2	35	Inap.	....	Inap.	13
14	74.52	83.6	67.5	16.1	29.8990	29.939	29.842	.097	.5910	68.8	63.5	N.W.	10.3	0.5	3	0	97	....	....	....	14
15	74.65	82.7	64.5	18.2	29.7578	29.902	29.535	.367	.7630	87.3	70.8	W.	12.5	7.8	10	0	79	0.02	....	0.02	15
16	57.17	75.2	51.9	23.3	29.8037	29.959	29.512	.447	.3575	72.3	48.8	N.W.	22.8	7.2	10	0	16	0.12	....	0.12	16
SUNDAY	17	.....	72.2	50.6	21.6	.....	.....	.....	.....	.....	.....	N.W.	20.3	.....	.....	.....	74	Inap.	....	Inap.	17
18	79.47	78.3	59.2	19.1	29.9357	29.970	29.890	.080	.6272	84.7	64.7	N.W.	24.2	4.3	10	0	97	....	....	....	18
19	69.55	73.5	64.9	8.6	29.8660	29.970	29.779	.191	.6357	94.8	68.2	N.W.	18.9	8.0	10	0	22	Inap.	....	Inap.	19
20	64.05	72.4	55.2	17.2	29.9812	30.029	29.907	.122	.5123	84.0	58.8	N.W.	18.7	0.0	0	0	100	0.01	....	0.01	20
21	69.65	79.2	57.8	21.4	30.0032	30.063	29.937	.126	.4583	64.0	56.5	W.	23.0	3.3	7	0	94	....	....	....	21
22	71.92	78.7	63.4	15.3	29.8568	29.910	29.814	.096	.5403	69.2	61.3	N.W.	25.4	4.3	10	0	58	0.04	....	0.04	22
23	74.90	83.3	65.6	17.7	29.8125	29.891	29.847	.044	.5647	66.2	62.3	N.W.	18.9	2.3	9	0	98	....	....	....	23
SUNDAY	24	.....	82.3	62.5	19.8	.....	.....	.....	.....	.....	.....	N.W.	22.3	.....	.....	.....	26	Inap.	....	Inap.	24
25	78.18	86.3	72.0	13.7	29.8493	29.879	29.802	.077	.7123	78.3	70.7	N.W.	20.5	6.5	10	0	65	0.14	....	0.14	25
26	77.23	86.5	70.4	16.1	29.8352	29.855	29.812	.043	.6973	75.8	68.3	N.W.	13.8	4.3	8	1	90	Inap.	....	Inap.	26
27	79.00	87.5	69.2	18.3	29.8630	29.897	29.820	.069	.5323	54.0	60.7	N.	16.9	4.8	10	0	95	Inap.	....	Inap.	27
28	71.28	79.7	67.0	12.7	29.8688	29.892	29.850	.042	.5710	74.7	62.7	N.E.	16.0	8.3	10	0	33	0.11	....	0.11	28
29	71.28	88.5	62.0	26.5	29.8650	29.962	29.783	.179	.6480	83.3	66.0	N.	16.7	4.8	10	0	30	0.43	....	0.43	29
30	68.47	76.5	61.2	15.3	30.1015	30.138	30.058	.080	.4608	66.2	56.7	N.E.	11.0	2.0	3	0	97	....	....	....	30
SUNDAY	31	.....	79.3	62.0	17.3	.....	.....	.....	.....	.....	.....	S.E.	12.8	.....	.....	.....	61	....	....	....	31
..... Means	69.81	78.4	61.1	17.3	29.9768	.....	.....	.145	.5371	72.2	60.0	.....	16.06	4.7	.....	.....	68	2.95	.....	2.95	Sums
18 Years means for and including this month	68.89	77.3	60.8	16.5	29.8924	.....	.....	.143	.5001	70.9	.....	.....	.....	5.4	.....	.....	59.1	4.13	.....	4.13	{ 18 Years means for and including this month.

ANALYSIS OF WIND RECORD.

Direction	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
Miles	881	526	93	187	127	356	3650	6126	.....
Duration in hrs	64	45	14	10	15	30	232	319	.....
Mean velocity	13.8	11.7	6.7	18.7	8.5	11.9	15.7	19.2	.....

Greatest mileage in one hour was 28 on the 8th, 11th and 16th.

Greatest velocity in gusts, 26 miles per hour on the 12th.

Resultant mileage, 3165.

Resultant direction, N. 56° W.

Total mileage, 11946.

* Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.

§ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ 11 years only.

The greatest heat was 88.5 on the 29th; the greatest cold was 50.6 on the 17th, giving a range of temperature of 37.9 degrees. Warmest day was the 27th. Coldest day was the 16th.

Highest barometer reading was 30.522 on the 7th; lowest barometer was 29.512 on the 16th, giving a range of 1.010 inches. Maximum relative humidity was 98 on the 15th and 25th. Minimum relative humidity was 33 on the 27th.

Rain fell on 18 days.

Rain or snow fell on 18 days.

Auroras were observed on 6 nights.

Solar halos on the 1st and 2nd.

Thunderstorms on 3 days.

Fog on 3 days.