

ABSTRACT FOR THE MONTH OF JULY, 1894.

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 TENTS			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.					
SUNDAY....1		84.2	67.1	17.1								S.W.	15.4				58				1.....SUNDAY
2	78.28	89.8	66.4	23.4	29.9267	30.000	29.827	.173	.6583	63.8	66.5	S.W.	16.0	7.8	10	0	48			0.15	2
3	68.80	80.2	65.0	15.2	29.7513	29.811	29.706	.105	.5585	79.7	61.8	S.W.	12.4	7.3	10	1	47			0.89	3
4	65.58	74.2	59.3	14.4	29.7403	29.756	29.713	.043	.4997	79.0	58.3	S.W.	17.8	8.5	7	0	81			0.89	4
5	62.42	68.0	55.8	12.2	29.8157	29.837	29.770	.061	.4147	74.0	53.7	W.	12.5	4.3	10	0	44			0.01	5
6	66.58	77.0	52.1	24.9	29.7170	29.843	29.611	.232	.4648	72.2	57.0	W.	12.2	2.3	10	0	80			Inap	6
7	60.68	67.4	58.5	8.9	29.7547	29.879	29.658	.221	.4105	78.7	53.8	W.	15.1	9.5	10	7	41			0.23	7
SUNDAY.....8		63.2	52.0	11.2								W.	15.2				22			Inap	8.....SUNDAY
9	63.32	70.1	55.4	14.7	30.0402	30.064	30.022	.042	.4203	73.0	54.0	S.W.	13.7	6.2	10	0	34			0.03	9
10	64.67	74.5	58.6	15.9	30.0257	30.067	29.986	.081	.4493	72.3	55.5	W.	12.7	6.5	10	2	31			Inap	10
11	67.12	76.0	56.0	20.0	29.9110	29.991	29.835	.156	.5072	77.3	59.2	S.W.	13.3	6.2	10	0	50			Inap	11
12	68.57	74.5	63.1	11.4	29.7355	29.899	29.691	.208	.6062	87.2	64.5	S.W.	17.0	10.0	10	10	08			0.09	12
13	69.00	79.9	62.0	17.9	29.6877	29.811	29.587	.224	.5733	81.0	62.8	S.W.	17.5	8.0	10	3	53			0.34	13
14	67.13	75.8	54.4	21.4	29.8373	29.836	29.810	.026	.4827	73.3	58.0	W.	6.0	7.7	10	0	49				14
SUNDAY....15		74.4	59.6	14.8								S.E.	7.5				56				15.....SUNDAY
16	69.12	78.1	58.1	20.0	30.0957	30.117	30.079	.038	.4318	64.2	55.5	S.W.	4.8	1.7	7	0	83				16
17	72.57	83.2	59.5	23.7	30.1282	30.165	30.103	.063	.4895	62.8	53.5	S.W.	6.5	3.3	8	0	90				17
18	74.82	85.0	62.0	23.0	30.0812	30.147	30.013	.134	.5557	65.5	61.8	S.W.	6.5	3.0	8	0	74				18
19	78.83	88.4	69.1	19.3	29.9282	30.006	29.870	.136	.6955	70.0	61.2	S.W.	12.8	1.2	4	0	71				19
20	77.48	89.5	67.8	21.7	29.8083	29.863	29.738	.125	.6402	69.0	65.8	S.W.	21.3	3.8	10	0	76			0.13	20
21	62.40	70.5	57.1	13.4	29.9538	30.033	29.904	.099	.4380	77.7	55.7	N.E.	14.8	8.3	10	0	07			0.34	21
SUNDAY.....22		78.1	55.9	22.2								N.E.	5.2				98			0.01	22.....SUNDAY
23	72.48	82.7	60.6	22.1	30.0517	30.094	30.014	.080	.5310	67.8	60.5	S.E.	7.0	0.8	5	0	96				23
24	61.90	72.8	58.6	14.2	29.9342	30.039	29.852	.187	.4905	88.3	58.3	S.E.	9.8	10.0	10	1	02			0.41	24
25	68.38	79.0	59.9	19.1	29.9477	30.046	29.891	.152	.5297	77.3	60.5	S.W.	13.3	7.7	10	1	42			Inap	25
26	60.47	68.6	53.6	15.0	30.2322	30.292	30.109	.183	.3672	70.5	50.4	N.	8.6	4.3	10	0	56				26
27	73.32	84.5	56.4	28.1	30.0665	30.119	29.954	.215	.5785	70.2	62.2	S.W.	12.9	4.2	7	0	75				27
28	80.18	89.0	74.1	14.9	29.8785	29.950	29.802	.145	.6468	63.0	66.3	S.W.	22.5	6.2	10	0	35				28
SUNDAY....29		84.3	68.5	15.8								S.W.	20.7				48			0.01	29.....SUNDAY
30	71.58	82.5	62.5	20.0	29.8573	30.010	29.806	.204	.5712	74.3	62.3	S.W.	19.0	4.0	10	0	69			0.10	30
31	62.10	69.6	51.0	18.6	30.0520	30.100	30.008	.092	.3562	65.3	49.5	S.W.	9.6	1.5	4	0	100				31
.....Means	68.73	77.90	60.08	17.82	29.9114	.....	.....	.134	.5136	73.2	59.25	S. 58½° W.	12.96	5.3			55.7	2.82	.....	2.82	Sums.....
20 Years means for and including this month	63.82	77.31	60.70	16.61	29.8923	.....	.....	.140	.5092	71.1	.....	.....	.....	5.4			55.0	.....	.....	.....	{ 20 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.....	502	446	85	526	420	5259	1967	635	
Duration in hrs.	47	32	13	53	50	353	139	52	5
Mean velocity....	10.7	7.7	6.5	9.9	8.4	14.9	14.2	12.2	0.0

Greatest mileage in one hour was 29 on the 13th. and 29th.
Greatest velocity in gusts 48 miles per hour on the 30th.

Resultant mileage, 6465.
Resultant direction, S. 58½° W.
Total mileage, 9640.

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

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ 13 years only.

The greatest heat was 89.8° on the 2nd; the greatest cold was 52.0° on the 8th, giving a range of temperature of 37.8 degrees.

Warmest day was the 28th. Coldest day was the 26th. Highest barometer reading was 30.292 on the

26th: lowest barometer was 29.611 on the 6th, giving a range of 0.681 inches. Maximum relative humidity was 97.0 on the 3rd and 24th. Minimum relative humidity was 42 on the 16th.

Rain fell on 19 days.

Auroras were observed on 1 night.

Fog on 2 days.

Thunderstorms on 4 days.