

ABSTRACT FOR THE MONTH OF JULY, 1891.

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 noted.	DAY.
	Mean.	Max.	Min.	Range.	Mean.	§ Max.	§ Min.	Range.				General direction.	Mean velocity in miles per hour.	Mean.	Max.	Min.					
1	60.55	83.3	56.5	26.8	29.9600	29.989	29.919	.070	.5165	74.1	59.7	S.E.	12.0	5.8	10	0	78	0.13	....	0.13	1
2	64.70	68.0	61.3	6.7	29.9782	30.013	29.927	.056	.5623	62.0	62.3	S.	9.3	10.0	10	10	80	0.41	....	0.41	2
3	66.08	77.9	59.3	18.6	29.7963	29.928	29.712	.216	.5280	83.8	60.5	S.	9.8	8.0	10	1	45	0.10	....	0.10	3
4	61.82	68.1	58.5	9.6	29.6163	29.702	29.568	.134	.4867	88.0	58.2	S.	10.0	10.0	10	10	100	0.55	....	0.55	4
SUNDAY.....5	.....	62.6	55.3	7.3	.....	.....	.....	.....	.....	.....	.....	S.	16.1	.....	.....	.....	60	0.22	....	0.22	5
6	57.53	64.8	51.5	13.3	29.7678	29.860	29.652	.208	.3552	75.0	49.5	S.W.	18.7	7.5	10	0	60	0.06	....	0.06	6
7	59.95	68.0	50.0	18.0	29.8402	29.906	29.767	.139	.3545	69.8	49.5	W.	13.5	6.5	10	0	82	0.10	....	0.10	7
8	60.95	70.8	51.0	19.8	29.8507	29.951	29.785	.166	.3979	74.7	52.7	W.	12.4	7.0	10	0	75	0.23	....	0.23	8
9	67.03	76.0	56.1	19.9	30.0778	30.109	30.041	.068	.3222	51.5	47.7	N.	11.3	1.2	10	0	100	.....	.....	.....	9
10	70.50	80.6	55.6	25.0	30.1945	30.232	30.151	.081	.4075	55.2	53.3	S.W.	11.0	0.0	10	0	97	.....	.....	.....	10
11	72.97	83.5	57.9	25.6	30.1593	30.230	30.074	.156	.4600	56.7	56.5	S.W.	14.6	0.5	10	0	96	.....	.....	.....	11
SUNDAY.....12	.....	83.0	64.8	18.2	.....	.....	.....	.....	.....	.....	.....	S.W.	18.0	.....	.....	.....	74	.....	.....	.....	12
13	77.22	86.8	68.5	18.3	29.9407	30.028	29.877	.151	.5847	63.2	63.6	S.W.	29.0	.....	.....	.....	80	.....	.....	.....	13
14	75.42	85.6	69.7	15.9	29.8365	29.884	29.809	.075	.6305	72.5	65.5	S.W.	18.6	3.7	10	0	43	0.06	....	0.06	14
15	72.25	78.0	65.9	12.1	29.7345	29.804	29.676	.128	.5642	72.5	62.0	S.W.	17.7	7.8	10	0	39	0.14	....	0.14	15
16	66.77	73.0	62.3	10.7	29.8710	29.962	29.799	.163	.4720	72.0	57.3	S.W.	17.6	6.7	10	0	45	.....	.....	.....	16
17	71.55	83.0	61.3	21.7	30.0130	30.046	29.986	.060	.5020	64.8	58.7	S.W.	12.0	0.3	2	0	97	.....	.....	.....	17
18	70.42	81.3	62.0	19.3	29.8643	30.017	29.694	.323	.4477	63.0	55.7	S.E.	14.8	8.2	10	3	34	0.25	....	0.25	18
SUNDAY.....19	.....	75.3	60.3	15.0	.....	.....	.....	.....	.....	.....	.....	S.W.	14.6	.....	.....	.....	60	0.34	....	0.34	19
20	64.85	72.1	57.5	14.6	30.1225	30.171	30.038	.133	.3978	65.2	52.5	S.W.	11.5	7.3	10	0	37	.....	.....	.....	20
21	64.53	74.4	55.4	19.0	30.2963	30.326	30.230	.090	.3482	57.5	49.0	N.	7.3	2.3	8	0	97	.....	.....	.....	21
22	68.55	79.8	53.2	26.6	30.2575	30.357	30.143	.214	.3998	59.3	52.3	S.E.	7.9	3.5	10	0	76	.....	.....	.....	22
23	69.17	74.0	65.3	8.7	30.0768	30.149	29.990	.159	.5730	80.5	63.0	S.	15.3	8.6	10	0	10	0.13	....	0.13	23
24	67.38	79.1	61.3	17.8	29.8835	29.976	29.810	.166	.5747	86.3	62.8	S.W.	10.2	9.0	10	4	35	0.50	....	0.50	24
25	61.05	68.0	57.0	11.0	29.8897	29.922	29.866	.036	.4032	74.5	53.0	N.W.	6.2	6.2	10	0	16	0.01	....	0.01	25
SUNDAY.....26	.....	67.6	54.5	13.1	.....	.....	.....	.....	.....	.....	.....	S.W.	12.7	.....	.....	.....	49	0.10	....	0.10	26
27	59.32	68.0	50.4	17.6	29.9117	29.956	29.886	.070	.3225	63.5	47.2	S.W.	9.8	4.8	9	0	94	.....	.....	.....	27
28	62.55	72.8	52.5	20.3	29.8893	29.909	29.861	.048	.4110	71.2	53.3	S.W.	11.7	3.8	10	0	53	0.26	....	0.26	28
29	67.17	72.8	56.0	16.8	29.9122	29.957	29.874	.083	.4745	72.8	57.5	S.E.	8.2	3.5	9	0	67	0.01	....	0.01	29
30	64.00	72.0	54.4	17.6	29.7855	29.870	29.702	.168	.4783	81.2	57.7	S.E.	16.8	8.6	10	0	16	1.10	....	1.10	30
31	57.00	70.0	45.6	24.4	29.8631	29.917	29.787	.130	.3390	73.5	48.1	S.W.	14.7	4.3	9	0	73	0.01	....	0.01	31
.....Means	66.33	74.8	57.8	17.0	29.9401	.....	.....	.131	.4564	70.9	55.9	S. 34° W.	13.0	5.71	.....	.....	52.9	4.80	.....	4.80	Sums
17 yrs. means for & including this mo.	68.83	77.2	60.8	16.4	29.8874	.....	.....	.139	.4979	70.8	.....	.....	.....	5.46	.....	.....	158.5	4.19	.....	4.19	17 yrs. means for and including this month

ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Miles.....	290	172	44	1103	2002	472	1122	299
Duration in hrs..	26	20	7	88	158	210	91	31
Mean velocity....	11.2	8.6	6.3	12.5	12.7	14.6	12.3	9.6

Greatest mileage in one hour was 28 on the 15th.
 Greatest velocity in gusts 32 miles per hour on the 15th.
 Resultant mileage, 6590.
 Resultant direction, S. 34° W.
 Total mileage, 9704.

* Barometer readings reduced to sea-level and temperature of 32° Far.
 † Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ 10 years only.
 The greatest heat was 86.8 on the 13th; the greatest cold was 45.6 on the 31st, giving a range of temperature of 41.2 degrees. Warmest day was the 13th. Coldest day was the 31st. Highest barometer reading was 30.357 on the 22nd; lowest barometer was 29.5683 on the 4th,

giving a range of 0.789 inches. Maximum relative humidity was 97 on 4 days. Minimum relative humidity was 33 on the 9th.
 Rain fell on 20 days.
 Thunder storms on six days, and lightning without thunder on two days.