

ABSTRACT FOR THE MONTH OF JULY, 1890.

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 bright 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	76.45	87.1	65.2	31.9	29.8762	29.931	29.813	.118	.5095	57.2	59.5	S.E.	9.1	5.2	10	0	91	....	....	1	
2	71.63	77.0	65.5	8.5	29.7503	29.810	29.603	.117	.5563	71.3	61.7	S.W.	17.2	10.0	10	10	15	0.02	....	2	
3	71.37	81.0	64.1	16.9	29.6422	29.672	29.606	.066	.6135	81.7	64.8	S.W.	10.7	8.5	10	4	42	0.63	....	3	
4	70.25	77.0	66.3	10.7	29.7062	29.733	29.685	.048	.6025	81.3	64.3	S.W.	14.5	7.5	10	0	28	Inapp.	....	4	
5	63.98	71.2	56.5	14.7	29.9153	30.004	29.748	.256	.4355	73.5	55.2	S.W.	17.7	2.3	10	0	66	....	....	5	
SUNDAY.....	6	....	77.2	57.3	19.9	....	....	....	....	....	....	S.W.	14.0	....	..	..	67	0.01	....	6	
	7	68.32	77.0	62.3	14.7	29.9522	30.047	29.858	.159	.5235	76.3	60.2	S.W.	7.0	9.0	10	6	25	0.06	....	7
	8	74.78	88.6	65.3	23.3	29.6177	29.747	29.501	.246	.6335	74.2	65.5	S.W.	22.9	9.5	10	4	40	0.10	....	8
	9	59.67	72.0	53.5	18.5	29.7915	29.962	29.519	.443	.3220	61.7	46.0	S.W.	20.2	4.2	10	4	76	0.03	....	9
	10	58.52	67.2	49.4	17.8	30.0632	30.148	30.011	.137	.3225	65.5	46.8	W.	9.8	5.8	10	0	58	....	....	10
	11	62.72	71.3	52.3	19.0	30.1852	30.259	30.128	.131	.3368	60.2	48.0	E.	5.2	0.5	10	0	92	....	....	11
	12	69.82	81.0	55.0	26.0	30.0410	30.146	29.953	.193	.4295	60.2	54.7	S.W.	5.4	3.8	10	0	100	....	....	12
SUNDAY.....	13	....	82.5	62.4	20.1	....	....	....	....	....	....	S.	10.1	....	..	..	97	....	....	13	
	14	72.67	82.5	60.4	22.1	29.9307	29.976	29.880	.096	.5692	71.3	62.7	S.	10.8	6.5	10	0	79	....	....	14
	15	76.28	86.5	68.2	18.3	29.8795	29.919	29.842	.077	.6222	69.7	64.5	S.W.	13.3	3.7	10	0	80	0.54	....	15
	16	73.52	81.9	65.9	16.0	30.0023	30.025	29.977	.048	.4825	62.2	57.8	W.	9.7	2.8	10	0	95	....	....	16
	17	63.62	72.0	57.0	15.0	29.8748	29.980	29.773	.207	.4545	77.2	56.2	S.W.	10.7	10.0	10	10	02	0.13	....	17
	18	61.83	71.0	52.9	18.1	29.9345	29.977	29.868	.109	.3118	57.7	46.0	W.	13.5	3.5	10	0	99	Inapp.	....	18
	19	57.20	65.1	52.9	12.2	29.9302	30.047	29.849	.198	.3480	74.8	48.8	N.	11.2	7.7	10	0	24	0.33	....	19
SUNDAY.....	20	....	67.6	49.8	17.8	....	....	....	....	....	....	N.W.	10.1	....	..	..	48	Inapp.	....	20	
	21	62.17	70.8	54.0	16.8	30.2078	30.254	30.179	.075	.3402	61.3	48.5	W.	5.4	4.8	10	0	69	....	....	21
	22	65.85	75.7	54.4	21.3	30.1445	30.223	30.078	.145	.3835	62.0	51.5	S.	7.3	3.8	10	0	94	....	....	22
	23	67.62	79.7	56.5	23.2	30.0432	30.081	30.004	.077	.4123	62.3	53.7	S.	12.7	8.3	10	6	20	....	....	23
	24	66.58	75.0	60.3	14.7	30.0315	30.059	30.002	.057	.4715	72.7	57.2	S.E.	15.2	10.0	10	10	18	0.02	....	24
	25	66.35	69.1	62.3	6.8	29.9245	30.001	29.831	.170	.5702	88.0	62.8	S.E.	11.9	8.7	10	2	00	0.28	....	25
	26	72.37	82.0	65.3	16.7	29.7762	29.832	29.700	.132	.6157	78.3	64.7	S.W.	14.8	6.5	10	0	19	0.01	....	26
SUNDAY.....	27	....	80.0	61.2	18.8	....	....	....	....	....	....	S.W.	14.7	....	..	..	100	....	....	27	
	28	74.45	84.1	66.1	18.0	30.1027	30.122	30.085	.037	.5693	68.3	62.5	S.W.	16.3	1.3	7	0	76	....	....	28
	29	74.92	87.0	64.8	22.2	30.0553	30.139	29.980	.159	.5848	67.5	63.2	S.W.	11.2	2.5	9	0	89	....	....	29
	30	75.45	86.8	66.7	20.1	29.8853	29.963	29.811	.153	.6177	71.3	64.8	S.W.	20.3	6.3	10	0	66	0.04	....	30
	31	72.87	80.9	67.9	13.0	29.7110	29.840	29.653	.187	.6362	78.3	65.7	S.W.	19.0	7.0	10	1	40	0.58	....	31
..... Means	68.57	77.67	60.15	17.52	29.9253	....	....	.143	.4915	69.9	57.7	.....	12.6	5.94	..	..	1158.4	2.78	....	.....	Sums
16 yrs. means for & including this mo.	68.99	77.36	60.06	16.40	29.8841	....	....	.140	.5005	70.8	...	.....	....	5.45	..	..	59.1	4.16	....	.....	16 yrs. 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.....	376	87	....	985	1748	4490	1145	575	....
Duration in hrs..	30	17	....	86	151	303	92	60	5
Mean velocity ...	12.5	5.1	....	11.5	11.6	14.8	12.4	9.6	....

Greatest mileage in one hour was 32 on the 31st.
 Resultant mileage, 6,210.
 Resultant direction, S. 39° W.
 Total mileage, 9,406.

Average mileage, 12.64.

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

† Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ Nine years only.

The greatest heat was 88.6 on the 8th; the greatest cold was 49.4 on the 10th, giving a range of temperature of 39.2 degrees. Warmest day was the 1st. Coldest day was the 19th. Highest barometer reading was 30.259 on the 11th; lowest barometer was 29.501 on the 8th, giving a range of

0.788 inches. Maximum relative humidity was 97 on the 3rd. Minimum relative humidity was 37 on the 1st.

Rain fell on 17 days.
 An Aurora was observed on 1 night.
 Lunar halo on 1 night.

Thunderstorms on 5 days, and lightning without thunder on 2 days.