

ABSTRACT FOR THE MONTH OF AUGUST, 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 CLOUDED IN TENTHS.			Possible bright sunshine.	Percent 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	71.90	80.3	60.3	20.0	29.9948	30.061	29.900	.161	.4248	54.7	54.5	W.	6.8	0.0	0	0	100	....	....	....	1
2	75.15	84.9	61.5	23.4	30.0883	30.135	30.051	.084	.5250	61.3	60.3	S.	8.4	2.5	7	0	98	....	....	....	2
SUNDAY.....	.....	86.8	66.3	20.5	.....	.....	.....	.....	.....	.....	.....	S.	15.8	.....	.....	.....	60	0.16	....	....	3
4	75.85	88.8	71.5	17.3	29.9250	29.969	29.878	.091	.7980	81.8	72.3	S.W.	10.6	7.2	10	0	59	0.37	....	....	4
5	75.05	85.0	69.1	15.9	29.9200	29.974	29.852	.122	.7023	80.2	68.5	S.	12.7	8.3	10	3	50	0.30	....	....	5
6	68.18	75.0	62.0	13.0	29.9032	30.011	29.933	.078	.4947	72.2	58.7	S.W.	18.7	4.7	9	0	88	0.30	....	....	6
7	68.55	79.0	61.6	17.4	30.0782	30.110	30.019	.091	.4668	67.7	57.0	W.	10.4	2.8	10	0	66	....	....	....	7
8	69.40	79.0	60.2	18.8	30.0335	30.114	29.936	.178	.5112	72.2	59.7	S.	6.6	1.7	10	0	71	....	....	....	8
9	72.75	82.7	64.1	18.6	29.7718	29.905	29.671	.234	.5768	73.3	63.0	S.	13.8	6.2	10	2	79	0.28	....	....	9
SUNDAY.....	.....	72.8	56.2	16.6	.....	.....	.....	.....	.....	.....	.....	S.W.	16.6	.....	.....	.....	63	0.01	....	....	10
11	64.23	75.1	55.1	20.0	29.8980	30.051	29.761	.290	.3610	61.5	50.0	N.	14.5	2.2	10	0	70	Inapp.	....	....	11
12	66.17	75.9	56.0	19.9	30.1552	30.183	30.134	.049	.3645	58.5	50.0	N.E.	10.3	0.0	0	0	97	....	....	....	12
13	70.25	81.1	57.2	23.9	30.1022	30.198	29.999	.199	.4770	66.0	57.5	N.E.	2.5	4.7	10	0	84	....	....	....	13
14	70.13	79.8	61.3	18.5	29.8650	29.954	29.814	.140	.4682	64.5	57.0	W.	8.8	7.0	10	0	46	0.02	....	....	14
15	62.32	68.8	54.4	14.4	30.0292	30.167	29.858	.309	.3222	57.0	46.5	N.W.	15.0	1.2	5	0	90	....	....	....	15
16	59.18	67.0	48.3	18.7	30.1818	30.261	30.069	.192	.2727	54.5	42.2	N.W.	7.0	4.0	10	0	84	....	....	....	16
SUNDAY.....	.....	69.9	57.7	12.2	.....	.....	.....	.....	.....	.....	.....	W.	14.9	.....	.....	.....	00	0.42	....	....	17
18	58.90	67.8	51.4	16.4	30.1725	30.200	30.098	.102	.2932	59.7	44.2	N.W.	8.2	0.0	0	0	100	....	....	....	18
19	57.53	64.7	52.4	12.3	30.0775	30.198	29.960	.238	.3853	81.5	51.8	N.E.	8.7	8.7	10	2	01	0.57	....	....	19
20	60.10	68.9	53.0	15.9	30.0882	30.130	30.015	.115	.3805	73.5	51.5	N.W.	7.2	3.7	8	0	84	0.04	....	....	20
21	62.22	72.5	51.5	21.0	29.8297	30.112	29.533	.579	.4622	82.0	56.3	W.	18.6	6.7	10	0	39	0.32	....	....	21
22	59.92	68.1	53.4	14.7	29.8733	30.031	29.760	.271	.3828	74.3	51.2	W.	15.8	6.2	10	0	82	....	....	....	22
23	48.57	53.5	47.4	6.1	30.1035	30.133	30.056	.077	.2912	85.2	44.3	N.	17.6	10.0	10	10	00	1.34	....	....	23
SUNDAY.....	.....	55.9	48.3	7.6	.....	.....	.....	.....	.....	.....	.....	N.	11.2	.....	.....	.....	00	0.83	....	....	24
25	58.95	68.5	49.3	19.2	29.9287	29.973	29.901	.072	.3616	73.0	50.0	S.W.	14.3	4.5	10	0	62	....	....	....	25
26	65.17	73.5	52.9	20.6	29.8833	29.999	29.769	.230	.4180	67.7	53.7	S.	5.7	6.7	10	0	69	Inapp.	....	....	26
27	61.98	66.1	58.4	7.7	29.6215	29.686	29.589	.097	.5262	94.7	60.2	N.W.	5.2	10.0	10	10	13	1.61	....	....	27
28	63.42	70.9	58.3	12.6	29.8148	29.931	29.680	.251	.4262	73.0	54.0	W.	13.2	6.0	10	0	71	0.20	....	....	28
29	60.07	66.8	50.9	15.9	29.8740	29.964	29.718	.246	.3305	64.0	47.7	E.	6.7	7.7	10	0	36	Inapp.	....	....	29
30	59.38	67.9	55.4	12.5	29.6735	29.746	29.625	.121	.4423	87.5	55.7	S.W.	10.8	9.3	10	7	38	0.87	....	....	30
SUNDAY.....	.....	61.2	53.3	7.9	.....	.....	.....	.....	.....	.....	.....	N.W.	11.6	.....	.....	.....	00	0.14	....	....	31
..... Means,	64.82	72.84	55.73	16.11	29.9595	.....	.....	.178	.4409	70.8	54.5	.....	11.26	5.08	.....	.....	58.1	8.08	.....	.....	Sums
16 yrs. means for & including this mo.	66.96	75.22	58.32	16.40	29.9409	.....	.....	.323	.4813	72.37	.....	.....	.....	5.24	.....	.....	1160.1	3.15	.....	.....	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.....	1308	380	182	367	1171	1964	1839	1169	....
Duration in hrs..	119	45	28	47	111	137	139	112	6
Mean velocity...	11.0	8.4	6.5	7.8	10.5	14.3	13.2	10.4	.....

*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 83.8 on the 4th; the greatest cold was 47.4 on the 23rd, giving a range of temperature of 41.4 degrees. Warmest day was the 4th. Coldest day was the 23rd. Highest barometer reading was 30.261 on the 16th; lowest barometer was 29.533 on the 21st, giving a

range of 0.728 inches. Maximum relative humidity was 99 on the 27th and 31st. Minimum relative humidity was 34 on the 12th.

Rain fell on 20 days.
 An aurora was observed on one night.
 Solar halos on two days.
 Fog on two days.
 Thunderstorms on five days.

NOTE.—The wind directions in broad-faced type are from the City Hall record.

Greatest mileage in one hour was 33 on the 21st.
 Greatest velocity in gusts, 60 miles per hour on the 21st.
 Resultant mileage, 3,370.

Resultant direction, S. 83° W.
 Total mileage, 8,380.
 Average mileage, 11.26.