

ABSTRACT FOR THE MONTH OF AUGUST, 1889.

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.			Percent 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	66.72	72.5	63.4	9.1	30.0460	30.148	29.965	.183	.6162	94.2	65.0	S.	6.3	8.3	10	0	00	0.68	....	....	1
2	70.53	79.1	63.2	15.9	29.9000	29.976	29.841	.135	.6185	84.2	65.0	S.S.	10.6	8.5	10	1	42	0.11	....	....	2
3	68.97	78.6	61.1	17.5	29.8603	29.918	29.816	.102	.5633	79.8	62.3	S.W.	16.5	6.3	10	0	70	0.04	....	....	3
SUNDAY..... 4	.....	73.5	57.4	16.1	.....	.....	.....	.....	.....	.....	.....	S.W.	14.9	.....	.....	0	31	0.13	....	....	4
5	61.57	70.0	55.3	14.7	30.0587	30.113	30.035	.078	.4290	78.1	54.5	W.	7.6	6.8	10	0	28	0.02	....	....	5
6	64.40	73.0	58.4	14.6	30.1103	30.161	30.060	.101	.3930	66.5	52.2	S.W.	15.9	2.8	10	0	98	....	....	....	6
7	62.67	70.9	54.9	16.0	30.1428	30.194	30.108	.086	.3657	65.2	50.2	W.	8.4	2.2	9	0	86	....	....	....	7
8	62.37	73.0	51.9	21.1	30.1227	30.215	30.014	.201	.3903	67.7	52.0	S.W.	6.3	7.0	10	0	85	....	....	....	8
9	66.52	74.0	59.2	14.8	29.8567	29.976	29.787	.189	.5498	84.5	61.5	S.W.	15.8	9.8	10	9	02	0.04	....	....	9
10	64.90	70.4	59.1	11.3	29.8165	29.848	29.788	.060	.4638	75.7	56.8	W.	11.6	5.5	10	1	45	0.26	....	....	10
SUNDAY..... 11	.....	63.7	52.4	11.3	.....	.....	.....	.....	.....	.....	.....	W.	14.7	.....	.....	..	46	....	....	....	11
12	58.42	67.3	50.4	16.9	30.0043	30.043	29.959	.084	.3615	75.0	50.0	S.W.	15.3	5.7	10	0	77	Inapp.	....	....	12
13	60.05	68.3	52.4	15.9	30.0845	30.102	30.041	.061	.3423	67.0	48.5	W.	6.9	7.2	10	0	83	....	....	....	13
14	59.98	64.7	55.0	9.7	29.9015	30.040	29.738	.311	.3952	76.3	52.0	E.	16.5	10.0	10	10	00	0.63	....	....	14
15	61.13	66.5	56.4	10.1	29.7532	29.825	29.677	.151	.4507	84.2	55.8	S.W.	14.1	9.7	10	10	21	0.51	....	....	15
16	61.30	68.1	54.3	13.8	29.8400	29.873	29.824	.033	.4130	76.8	53.3	S.W.	9.5	6.7	10	0	65	0.06	....	....	16
17	63.38	71.0	56.4	14.6	29.9198	29.937	29.854	.119	.4558	79.2	56.3	W.	14.4	9.0	10	7	66	....	....	....	17
SUNDAY..... 18	.....	71.7	57.8	13.9	.....	.....	.....	.....	.....	.....	.....	S.W.	15.7	.....	.....	..	60	....	....	....	18
19	64.10	68.6	58.4	10.2	29.9437	29.974	29.915	.059	.4978	83.2	58.5	S.W.	18.2	9.5	10	7	03	....	....	....	19
20	68.28	74.9	63.6	11.3	29.9353	29.960	29.916	.044	.5353	78.0	60.8	W.	9.5	5.7	10	0	75	....	....	....	20
21	68.93	76.3	63.0	13.3	29.7658	29.832	29.668	.214	.6122	86.5	57.0	S.W.	14.8	5.8	10	3	01	0.23	....	....	21
22	65.90	72.0	61.1	10.6	29.8083	29.855	29.730	.125	.4641	73.5	57.0	S.W.	17.7	3.5	10	0	76	....	....	....	22
23	65.48	75.2	58.8	16.4	29.9660	30.051	29.888	.163	.4593	74.5	56.7	S.W.	15.2	4.7	10	0	91	0.02	....	....	23
24	61.47	68.6	53.9	14.7	30.1452	30.190	30.102	.088	.3938	72.3	52.2	N.E.	12.3	5.0	10	0	69	....	....	....	24
SUNDAY..... 25	.....	70.0	52.0	18.0	.....	.....	.....	.....	.....	.....	.....	N.E.	7.6	.....	.....	..	99	....	....	....	25
26	61.47	71.5	59.1	21.4	30.2852	30.319	30.250	.069	.4125	74.8	53.5	N.E.	9.5	2.2	9	0	93	....	....	....	26
27	66.58	76.0	59.1	16.9	30.2552	30.320	30.192	.137	.4863	75.5	58.2	S.W.	12.0	2.5	10	0	70	....	....	....	27
28	69.67	79.3	59.2	20.1	30.1938	30.248	30.147	.101	.5295	74.3	60.7	S.W.	4.4	0.5	2	0	94	....	....	....	28
29	71.32	81.1	60.3	20.8	30.0965	30.153	30.041	.112	.5508	73.5	62.2	S.W.	9.2	3.0	10	0	84	....	....	....	29
30	71.70	79.0	66.3	12.7	30.0608	30.125	50.032	.093	.5068	64.8	59.2	S.W.	19.3	4.8	8	0	77	....	....	....	30
31	65.38	73.9	59.3	14.6	30.2595	30.293	30.187	.106	.3755	60.8	51.0	N.E.	13.8	2.2	8	0	90	....	....	....	31
..... Means.	64.97	72.35	57.56	14.78	30.0049	.....	.....	.118	.4681	75.8	56.7	S. 54° W.	12.40	5.96	.....	.....	59.0	2.73	....	....	Sums
15 yrs. means for & including this mo.	67.10	75.38	58.96	16.42	29.9397	.....	.....	.129	.4840	72.5	.....	.....	.....	5.30	.....	.....	60.4	2.83	....	....	15 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.....	661	686	460	177	927	4344	1725	257	.....
Duration in hrs..	59	66	45	22	86	298	134	34	.....
Mean velocity...	11.2	10.4	10.2	8.0	10.8	14.6	12.9	7.6	.....

Greatest mileage in one hour was 27 on the 30th.
Resultant mileage, 4,805.

Resultant direction, S 54° W.
Total mileage, 9,237.

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

§ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ Eight years only.

The greatest heat was 81.1 on the 29th; the greatest cold was 50.1 on the 26th, giving a range of temperature of 31.0 degrees. Warmest day was

the 30th. Coldest day was the 11th. Highest barometer reading was 30.329 on the 27th; lowest barometer was 29.668 on the 21st; giving a range of 0.661 inches. Maximum relative humidity was 99 on the 1st and 15th. Minimum relative humidity was 42 on the 6th.

Rain fell on 13 days.

Auroras were observed on 1 night.

Fog on 4 days.

Thunderstorms on 6 days.