

# ABSTRACT FOR THE MONTH OF AUGUST, 1892.

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 melted.	DAY.
	Mean.	Max.	Min.	Range.	Mean.	‡ Max.	‡ Min.	Range.				General direction.	Mean velocity in miles per hour.	Mean.	Max.	Min.						
1	71.20	80.8	64.6	16.2	29.9963	30.020	29.969	.051	.5720	75.5	62.8	W.	3.5	5.5	10	0	79	...	...	...	1	
2	66.85	71.5	64.7	6.8	29.9783	30.006	29.944	.062	.5682	89.5	63.7	N.E.	3.5	10.0	10	10	00	0.02	...	...	2	
3	70.12	78.6	63.8	14.8	29.9400	29.971	29.903	.068	.5470	75.0	61.3	W.	9.8	5.0	10	0	61	0.03	...	...	3	
4	69.02	77.2	63.0	14.2	29.8545	29.905	29.806	.099	.5278	73.8	60.3	W.	12.9	5.5	10	0	27	Inap.	...	...	4	
5	64.43	73.8	55.9	17.9	29.8780	29.942	29.816	.126	.5663	60.7	56.2	N.	6.0	5.5	10	0	69	...	...	...	5	
6	63.75	73.8	58.0	15.8	29.7960	29.930	29.731	.199	.4650	79.2	50.8	W.	15.2	6.2	10	0	41	0.21	...	...	6	
SUNDAY	7	75.3	52.9	22.4	...	...	...	...	...	...	...	W.	8.7	...	...	...	95	...	...	...	7	
8	74.23	83.2	62.0	21.2	29.8427	29.971	29.757	.214	.5243	62.3	60.0	S.W.	12.1	10.0	10	10	33	...	...	...	8	
9	72.30	79.3	68.8	10.5	29.7378	29.840	29.701	.119	.6942	87.5	68.3	W.	8.9	8.0	10	3	23	0.04	...	...	9	
10	70.07	82.5	64.8	17.7	29.8692	29.920	29.822	.107	.6497	86.5	66.3	N.E.	4.0	9.0	10	4	32	0.61	...	...	10	
11	65.42	71.8	60.1	11.7	29.8548	29.904	29.813	.091	.5975	94.7	63.8	N.E.	7.1	10.0	10	10	00	1.04	...	...	11	
12	58.83	62.3	58.2	4.1	29.9260	29.940	29.898	.042	.4560	91.8	56.3	N.E.	32.1	10.0	10	00	00	0.75	...	...	12	
13	58.35	63.8	54.9	8.9	29.8715	29.878	29.868	.010	.4632	94.5	57.0	N.E.	14.5	9.7	10	8	00	0.13	...	...	13	
SUNDAY	14	70.6	57.0	13.6	...	...	...	...	...	...	...	N.W.	9.8	...	...	...	35	0.01	...	...	14	
15	68.23	75.2	58.5	17.3	30.0323	30.066	29.989	.077	.4757	69.8	57.7	N.W.	8.9	5.3	9	0	23	...	...	...	15	
16	71.17	80.6	58.2	22.4	30.0680	30.112	30.006	.086	.5213	68.8	57.0	W.	16.0	1.0	4	0	97	...	...	...	16	
17	72.58	81.5	66.2	15.3	30.0268	30.064	30.002	.062	.5572	71.2	62.5	W.	19.8	3.0	10	0	94	...	...	...	17	
18	71.82	78.3	65.0	13.3	30.0560	30.088	30.032	.056	.6330	81.3	65.5	N.E.	14.5	0.0	0	0	95	...	...	...	18	
19	71.28	86.2	59.3	26.9	29.9968	30.110	29.901	.219	.6278	81.3	65.0	N.	11.3	3.5	10	0	89	...	...	...	19	
20	61.98	77.6	54.2	13.4	30.0388	30.111	29.957	.164	.3792	68.5	51.3	N.W.	11.9	3.5	10	0	82	...	...	...	20	
SUNDAY	21	74.6	53.3	21.3	...	...	...	...	...	...	...	S.W.	6.9	...	...	...	95	...	...	...	21	
22	64.50	72.3	59.0	13.3	30.1040	30.112	29.994	.108	.3692	64.2	59.3	N.W.	6.6	4.0	10	0	72	...	...	...	22	
23	63.07	72.8	54.2	18.6	30.2132	30.218	30.147	.135	.4660	71.2	53.2	N.	6.3	4.5	8	0	87	...	...	...	23	
24	66.20	73.7	60.5	13.2	30.0797	30.149	30.012	.137	.4985	78.2	58.7	E.	7.3	9.5	10	0	79	0.02	...	...	24	
25	60.75	66.4	59.5	6.9	30.2068	29.951	29.861	.090	.5022	94.0	59.0	N.	11.6	4.2	10	5	90	2.05	...	...	25	
26	62.72	69.8	57.0	12.8	30.0893	30.105	29.960	.205	.4452	78.3	56.0	N.W.	12.6	5.5	10	0	42	...	...	...	26	
27	56.60	63.7	53.2	20.5	30.1815	30.209	30.102	.107	.3335	73.0	47.7	N.W.	8.6	6.8	10	0	51	...	...	...	27	
SUNDAY	28	70.9	51.2	19.7	...	...	...	...	...	...	...	N.W.	4.6	...	...	...	87	...	...	...	28	
29	64.57	75.8	54.0	21.8	30.0903	30.143	30.045	.098	.4655	77.5	57.0	S.	3.9	0.5	3	0	82	...	...	...	29	
30	67.93	79.9	57.5	22.4	29.9543	30.077	29.838	.239	.5682	83.0	62.2	S.E.	8.1	2.2	10	0	85	...	...	...	30	
31	63.37	70.8	58.7	12.1	29.7137	30.813	29.748	.065	.4658	79.7	56.8	S.W.	13.2	7.0	10	0	00	0.33	...	...	31	
Means	66.37	74.7	59.0	15.7	29.9680	...	...	.116	.5078	78.2	58.5	...	13.3	5.9	...	...	56	5.24	...	5.24	Sums	
18 Years means for and including this month.	66.91	75.4	58.8	16.4	29.9425	...	...	.132	.4824	72.7	...	...	5.4	...	...	...	59.6	3.30	...	3.30	18 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 .....	778	1596	218	361	240	772	1994	1727	.....
Duration in hrs ..	109	105	37	47	45	70	164	165	2
Mean velocity....	7.14	15.20	5.89	7.68	5.33	11.03	12.16	10.47	.....

Greatest mileage in one hour was 41 on the 12th.  
 Greatest velocity in gusts, 50 miles per hour on the 12th.  
 Resultant mileage, 3065.

Resultant direction, N. 46° W.  
 Total mileage, 7686.  
 Average velocity 13.3 m. per hour.

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

‡ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ 11 years only.

The greatest heat was 86.2 on the 19th; the greatest cold was 51.2 on the 28th, giving a range of temperature of 35.0 degrees. Warmest day was the 8th. Coldest day was the 27th.

Highest barometer reading was 30.282 on the 23rd; lowest barometer was 29.701 on the 9th, giving a range of 0.581 inches. Maximum relative humidity was 89 on the 11th and 12th. Minimum relative humidity was 46 on the 8th

Rain fell on 13 days.

Rain or snow fell on 13 days.

Auroras were observed on 3 nights.

Fog on 3 days.

Thunderstorm on 1 day.