

ABSTRACT FOR THE MONTH OF AUGUST, 1898.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				†Mean pressure of vapor.	†Mean relative humidity.	Dew Point.	WIND.		SKY CLOUDS IN TENTHS.			Per cent. 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	67.37	74.3	59.4	14.9	29.9793	30.046	29.886	.160	.5825	85.8	62.8	N.	9.04	7.2	10	0	26	0.42	....	0.42	1
2	70.12	77.9	63.1	14.8	30.0042	30.032	29.959	.073	.5713	78.7	62.7	S.	6.92	6.3	10	2	72	0.00	....	0.00	2
3	72.52	81.8	62.4	19.4	29.9240	30.043	29.799	.253	.163	77.5	65.0	S.E.	9.92	6.7	10	0	26	0.01	....	0.01	3
4	72.82	79.8	67.3	12.5	29.8015	29.837	29.774	.063	.6568	82.3	67.2	S.	14.12	9.0	10	3	14	0.03	....	0.03	4
5	67.97	79.4	61.1	18.3	29.8983	29.926	29.857	.069	.5048	75.2	59.5	S.W.	17.67	7.2	10	3	52	0.03	....	0.03	5
6	69.22	78.5	59.6	18.9	29.8907	29.942	29.858	.084	.4700	67.3	57.2	S.W.	19.29	2.7	10	0	96	....	....	....	6
SUNDAY.....	7	....	79.8	63.3	16.5	....	....	....	....	....	....	S.E.	13.08	....	....	....	56	....	....	....	7
8	73.68	80.9	68.0	12.9	29.7577	29.778	29.728	.050	.6087	84.5	68.5	S.	15.71	8.8	10	7	25	0.01	....	0.01	8
9	72.33	80.6	66.0	14.6	29.8492	29.925	29.763	.162	.5815	72.5	62.7	S.	12.21	4.3	7	0	81	0.00	....	0.00	9
10	66.50	74.4	59.2	15.2	29.9297	29.952	29.801	.051	.5022	78.0	59.2	N.	7.42	10.0	10	10	06	0.00	....	0.00	10
11	69.58	80.1	57.8	22.3	29.9675	30.003	29.938	.065	.5427	76.5	61.2	S.	9.00	2.5	10	0	80	0.00	....	0.00	11
12	70.22	79.2	62.8	16.4	29.9285	30.001	29.864	.137	.5895	80.5	63.7	S.	14.46	7.3	10	4	60	0.10	....	0.10	12
13	67.53	75.5	62.6	12.9	29.9928	30.137	29.895	.242	.5615	83.5	62.3	S.	15.87	6.3	10	0	47	0.11	....	0.11	13
SUNDAY.....	14	....	77.5	59.5	18.0	....	....	....	....	....	....	S.	8.29	....	....	....	89	....	....	....	14
15	70.05	79.8	67.4	22.4	30.0097	30.123	29.919	.304	.4977	68.7	59.7	S.	9.79	6.7	10	0	67	0.00	....	0.00	15
16	73.23	81.9	66.0	15.9	29.8498	29.900	29.804	.096	.6420	78.3	66.0	S.	17.96	6.0	10	0	42	0.04	....	0.04	16
17	68.52	78.0	62.3	15.7	29.8265	29.919	29.766	.153	.5692	82.2	62.5	S.	12.71	5.5	10	0	43	0.53	....	0.53	17
18	62.12	69.7	55.7	14.0	30.0015	30.050	29.964	.086	.4042	72.7	52.8	N.	8.29	4.3	10	0	64	....	....	....	18
19	59.00	64.9	55.2	9.7	30.0167	30.035	30.000	.035	.2925	76.5	52.3	N.	8.71	6.7	10	0	00	....	....	....	19
20	66.60	74.9	55.2	19.7	29.9748	30.069	29.881	.188	.4632	71.7	56.8	S.	12.42	2.0	10	0	87	....	....	....	20
SUNDAY.....	21	....	77.0	62.5	14.5	....	....	....	....	....	....	S.	14.04	....	....	....	43	0.02	....	0.02	21
22	70.25	78.8	61.2	17.6	29.7852	29.834	29.742	.092	.5793	78.5	63.2	S.	7.46	2.5	10	0	58	....	....	....	22
23	64.25	68.0	61.4	6.6	29.7982	29.863	29.739	.124	.5275	87.5	60.5	N.	7.92	7.8	10	0	0	0.04	....	0.04	23
24	63.68	66.8	60.6	6.2	29.8082	29.838	29.776	.062	.5490	93.0	61.5	N.	7.68	10.0	10	10	0	0.17	....	0.17	24
25	64.77	71.6	60.6	11.0	29.6822	29.760	29.609	.151	.5593	90.2	61.8	N.	9.68	9.7	10	8	5	0.21	....	0.21	25
26	58.75	66.3	55.3	11.0	29.7635	29.848	29.656	.192	.4115	83.2	53.5	S.W.	18.79	7.7	10	0	14	0.32	....	0.32	26
27	60.20	67.0	51.2	15.8	30.0215	30.154	29.890	.264	.3368	65.2	48.2	S.W.	14.42	2.0	6	0	93	....	....	....	27
SUNDAY.....	28	....	69.8	49.0	20.8	....	....	....	....	....	....	S.	7.54	....	....	....	84	....	....	....	28
29	63.97	73.2	57.3	15.9	29.8730	29.907	29.793	.204	.5395	89.2	60.7	S.	17.88	6.3	10	0	4	0.81	....	0.81	29
30	66.40	71.6	60.8	10.8	29.8982	29.959	29.837	.122	.4902	75.7	58.5	S.W.	12.13	5.2	10	0	69	0.01	....	0.01	30
31	63.95	75.2	63.7	11.5	29.9540	29.997	29.861	.136	.5487	77.7	61.7	S.W.	13.79	8.0	10	3	29	0.00	....	0.00	31
Means.....	64.47	75.30	60.24	15.06	29.8991	29.9655	29.8315	.1340	.5298	78.99	60.39	S. 24° W.	12.07	6.21	9.7	1.9	46.2	2.56	....	2.56	Sums.
24 Years means for and including this month.....	66.62	74.92	58.65	16.25	29.9373	....	....	.134	.4821	73.38	....	....	....	5.76	....	....	57.78	3.56	....	3.56	{ 24 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	19.1	18	131	148	4429	1561	472	308	
Duration in hrs..	212	2	21	11	331	96	50	16	5
Mean velocity....	9.01	9.00	6.24	13.45	13.38	16.26	9.44	19.75	

Greatest mileage in one hour was 27, on the 5th.

Greatest velocity in gusts 36 miles per hour on the 5th and 31st.

Resultant mileage, 3,825.

Resultant direction, S. 24° W.

Total mileage, 8,978.

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

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ 17 years only. * 12 years only.

The greatest heat was 81.9 on the 16th; the greatest cold was 49.0 on the 28th, giving a range of temperature of 32.9 degrees.

Warmest day was the 8th. Coldest day was the 26th. Highest barometer reading was 30.262 on the 28th. Lowest barometer was 29.609 on the 25th, giving a range of 0.653 inches. Maximum rela-

tive humidity was 99 on the 24th. Minimum relative humidity was 43 on the 14th.

Rain fell on 22 days.

Fog on 8 days.

Thunder storms on 5th, 12th, 16th, 17th, and 29th.