

ABSTRACT FOR THE MONTH OF OCTOBER, 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 CLOUDY 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	46.45	65.8	39.7	27.1	30.1618	30.238	29.997	0.291	.2210	71.0	36.8	N.W.	19.0	4.8	10	0	95	....	....	....	1	
SUNDAY.....	2	.....	51.9	36.8	15.1	.....	.....	.....	.....	.....	.....	S.W.	13.9	.....	.....	.....	68	....	....	....	2	
3	47.32	51.8	44.0	7.8	29.7732	30.053	29.552	.501	.2593	78.8	40.7	S.	9.9	10.0	10	10	52	0.38	....	0.38	3	
4	49.22	57.3	43.1	14.2	29.5570	29.591	29.536	.055	.2740	78.2	42.3	N.W.	6.2	7.2	10	3	90	Inap.	....	0.00	4	
5	42.85	49.4	38.6	10.8	29.6623	29.719	29.619	.100	.1948	70.7	34.0	N.W.	16.8	8.3	10	0	20	Inap.	....	0.00	5	
6	43.65	50.3	39.0	11.3	29.6748	29.717	29.640	.077	.1932	67.5	33.3	N.W.	34.2	10.0	10	10	15	....	....	....	6	
7	52.88	61.8	45.7	16.1	29.6632	29.694	29.624	.070	.2947	74.8	44.3	W	18.0	8.7	10	2	56	0.02	....	0.02	7	
8	50.13	54.8	47.3	7.5	29.7440	29.771	29.738	.033	.2928	80.8	44.3	N.	8.7	8.8	10	2	34	Inap.	....	0.00	8	
SUNDAY.....	9	.....	52.2	42.5	9.7	.....	.....	.....	.....	.....	.....	N.	14.8	.....	.....	.....	76	....	....	....	9	
10	43.53	50.4	36.5	13.9	29.9605	30.002	29.923	.079	.2037	71.8	34.8	N.W.	12.8	8.3	10	0	00	0.02	....	0.02	10	
11	41.63	49.4	35.0	13.4	30.1245	30.302	29.955	.347	.1877	72.5	32.7	N.W.	12.5	5.2	10	0	38	0.02	....	0.02	11	
12	40.40	46.8	32.6	14.2	30.4260	30.467	30.313	.154	.1790	72.0	31.8	N.W.	6.2	3.3	10	0	98	....	....	....	12	
13	52.90	62.4	40.6	19.8	30.2482	30.388	30.083	.305	.2850	70.0	43.3	S.W.	16.1	7.7	10	0	64	....	....	....	13	
14	58.28	67.8	50.5	17.3	30.0435	30.069	30.003	.066	.3505	72.0	49.0	S.W.	21.5	2.2	6	0	84	....	....	....	14	
15	55.57	64.3	45.5	18.8	29.9743	30.097	29.835	.262	.3608	81.2	49.7	S.	9.9	8.3	10	0	39	0.22	....	0.22	15	
SUNDAY.....	16	.....	64.8	47.7	17.1	.....	.....	.....	.....	.....	.....	W.	11.5	.....	.....	.....	20	0.05	....	0.05	16	
17	42.23	43.8	36.0	12.8	30.2462	30.301	30.202	.099	.2040	76.0	35.2	N.W.	12.5	1.0	5	0	93	....	....	....	17	
18	43.57	51.4	35.0	16.4	29.9445	30.189	29.771	.418	.2573	79.5	40.7	W.	5.8	6.7	10	0	00	....	....	....	18	
19	53.12	59.7	44.8	14.9	29.7310	29.859	29.644	.215	.3240	79.8	46.7	S.W.	17.5	7.0	10	1	36	0.40	....	0.40	19	
20	45.47	51.2	40.4	10.8	29.9720	30.012	29.962	.050	.1743	57.5	31.0	S.W.	13.3	4.5	10	0	83	....	....	....	20	
21	47.97	54.8	40.5	14.3	29.9705	30.006	29.939	.067	.1993	62.8	34.3	N.	15.4	5.0	10	0	96	....	....	....	21	
22	47.78	55.5	41.0	14.5	29.9237	30.079	29.746	.333	.2557	77.7	41.0	S.W.	12.3	2.2	10	0	52	....	....	....	22	
SUNDAY.....	23	.....	51.4	40.9	10.5	.....	.....	.....	.....	.....	.....	S.W.	19.8	.....	.....	.....	37	Inap.	....	0.00	23	
24	41.88	47.3	36.7	10.6	29.8538	29.879	29.835	.044	.1880	70.5	32.8	S.W.	20.5	7.3	10	0	49	....	....	....	24	
25	42.07	45.5	38.7	6.8	29.8568	29.867	29.830	.039	.2287	85.7	38.2	S.W.	12.8	10.0	10	10	12	Inap.	....	0.00	25	
26	41.23	45.3	39.5	5.8	29.7402	29.795	29.639	.056	.2360	91.0	39.0	N.W.	4.7	10.0	10	10	00	0.16	....	0.16	26	
27	40.17	44.0	38.7	5.3	29.7533	29.831	29.709	.122	.2067	82.0	35.2	S.W.	12.7	10.0	10	10	09	0.02	....	0.02	27	
28	41.17	47.7	34.5	13.2	29.7975	29.867	29.685	.184	.2115	80.7	35.5	S.E.	7.3	6.8	10	0	36	0.01	....	0.01	28	
29	39.50	41.8	36.5	5.3	29.5475	29.639	29.460	.179	.2210	91.0	37.2	N.E.	9.5	10.0	10	10	00	0.27	....	0.27	29	
SUNDAY.....	30	.....	45.6	36.6	9.0	.....	.....	.....	.....	.....	.....	S.W.	12.6	.....	.....	.....	56	Inap.	....	0.00	30	
31	40.03	45.4	34.0	11.4	30.0555	30.140	29.990	.150	.2112	85.0	35.8	S.W.	8.3	8.3	10	0	00	Inap.	....	0.00	31	
.....Means	46.27	52.83	40.06	12.76	29.9027	.....	.....	.168	.2390	76.6	38.4	.....	13.5	7.0	.....	.....	46.9	1.57	....	1.57	Sums	
18 Years means for and including this month.....	45.13	52.07	38.48	13.59	29.9920	.....	.....	.208	.2470	76.37	.....	.....	.....	6.50	.....	.....	41.1	3.22	1.48	3.38	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.
Miles	1090	200	112	334	546	3973	1204	2551
Duration in hrs ..	85	27	18	37	60	255	90	172
Mean velocity....	12.82	7.41	6.22	9.03	9.10	15.58	13.38	14.83

Greatest mileage in one hour was 43 on the 6th.
Greatest velocity in gusts, 46 miles per hour on the 6th.

Resultant mileage, 5530.
Resultant direction, S. 72° W.
Total mileage, 10,010.

* 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 67.8 on the 14th; the greatest cold was 32.6 on the 12th, giving a range of temperature of 35.2 degrees. Warmest day was the 14th. Coldest day was the 29th. Highest barometer reading was 30.467 on the 12th; lowest barometer was 29.460 on the 29th, giving a range of 1.007 inches. Maximum relative humidity

was 98 on the 3rd. Minimum relative humidity was 41 on the 21st.

Rain fell on 18 days.

Snow fell on 1 day.

Rain or snow fell on 18 days.

Auroras were observed on 3 nights.

Hoar frost on 2 days.

Fog on 2 days.

NOTE.—This is the only month of October in 18 years on which the temperature has not fallen below freezing.