

ABSTRACT FOR THE MONTH OF NOVEMBER, 1898.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 137 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				†Mean pressure of vapor.	†Mean relative humidity.	Dew Point.	WIND.		DAY CLOUDY IN TENTHS.			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.					per cent. possible Sunshine.
1	35.82	41.2	27.8	13.4	30.2248	30.301	30.072	.229	.1673	78.8	29.8	S. W.	11.75	6.8	10	0	53	.....	.....	1	
2	42.65	54.5	37.0	15.5	30.0457	30.337	29.891	.439	.2108	76.7	35.8	S.	23.71	5.7	10	0	22	.....	.....	2	
3	44.30	52.6	32.2	20.4	30.3780	30.422	30.309	.113	.2165	74.5	36.3	S.	20.83	0.7	3	0	66	0.08	.....	0 03	3
4	46.90	56.2	36.1	20.1	30.3263	30.446	30.174	.272	.2377	74.3	39.0	S.	16.83	1.0	4	0	92	.....	.....	4	
5	51.02	55.7	44.4	11.3	29.8490	30.174	29.527	.647	.2778	73.5	42.8	S.	24.92	4.7	10	0	51	.....	.....	5	
SUNDAY.....6	.....	56.8	39.3	17.5	.....	.....	.....	.....	.....	.....	.....	S.	28.17	.....	.....	.....	81	.....	.....	6	
7	33.57	39.3	29.8	9.5	30.0377	30.197	29.760	.437	.1490	77.5	27.2	S.	19.38	2.8	10	0	60	.....	.....	.....SUNDAY	
8	45.12	55.5	29.0	26.5	30.0578	30.197	29.920	.247	.2188	72.5	30.3	S.	21.29	1.2	9	0	83	.....	0.0	0.00	7
9	34.68	46.2	32.3	13.9	30.4217	30.403	30.179	.284	.1427	70.5	26.0	N.	15.63	3.3	10	0	24	.....	.....	.....	
10	29.70	32.3	28.6	3.7	30.0818	30.444	29.697	.745	.1433	87.2	26.5	N.	23.75	10.0	10	0	10	.....	.....	.....	
11	29.75	34.7	23.7	11.0	29.9090	30.218	29.499	.719	.1455	87.8	26.7	N.	24.00	5.3	10	0	9	6.0	0.64	10	
12	28.33	34.8	16.7	18.1	30.2342	30.330	30.195	.105	.1358	84.8	24.3	S. E.	19.33	2.0	8	0	57	.....	5.6	0.59	11
SUNDAY.....13	.....	38.7	28.6	10.1	.....	.....	.....	.....	.....	.....	.....	S.	5.50	.....	.....	.....	20	.....	.....	12	
14	33.23	37.3	28.5	8.8	29.8103	29.975	29.746	.229	.1765	92.5	31.2	S. W.	8.67	9.8	10	0	0	.....	0.2	.....	13
15	28.77	37.8	19.0	18.8	30.0848	30.137	29.975	.162	.1407	86.5	25.3	S. W.	13.25	10.0	10	0	0	0.22	.....	0.24	14
16	37.02	39.8	34.8	5.0	30.2377	30.255	30.121	.131	.1952	88.3	34.0	S. W.	7.50	10.0	10	0	0	.....	0.1	0.01	15
17	36.00	39.8	30.9	8.9	30.1742	30.244	30.112	.150	.1937	91.5	33.7	N. E.	5.54	8.3	10	3	1	.....	.....	.....	16
18	42.88	47.4	36.2	11.2	29.8380	30.112	29.637	.455	.2500	90.2	40.2	S. E.	9.92	10.0	10	10	1	.....	.....	.....	17
19	39.52	45.4	36.8	8.6	29.5380	29.657	29.464	.193	.2272	93.3	37.5	N.	13.58	10.0	10	10	0	0.01	.....	0.01	18
SUNDAY.....20	.....	42.3	37.0	5.3	.....	.....	.....	.....	.....	.....	.....	W.	22.13	.....	.....	.....	0	0.02	.....	0.02	19
21	36.10	40.3	33.2	7.1	30.2235	30.278	30.064	.214	.1605	75.5	29.0	W.	8.33	1.3	6	0	87	.....	.....	.....	20
22	35.33	45.0	20.3	17.6	30.0855	30.261	29.932	.329	.1735	83.8	31.0	N.	13.40	1.7	10	0	90	.....	.....	.....	21
23	34.40	41.6	31.3	10.3	30.1085	30.199	29.932	.267	.1648	81.7	29.7	S. W.	17.54	9.7	10	8	3	.....	.....	.....	22
24	29.95	32.3	26.5	5.8	30.1442	30.220	30.024	.196	.1373	82.3	25.3	W.	10.04	7.5	10	0	5	0.03	0.0	0.03	23
25	18.32	28.1	13.2	14.9	30.0480	30.162	29.963	.199	.0837	80.8	13.5	S. W.	28.00	5.0	10	0	3	.....	0.7	0.07	24
26	13.62	16.8	9.0	7.8	30.1378	30.177	30.097	.080	.0678	83.5	9.8	N.	14.33	6.8	10	0	0	.....	3.1	0.31	25
SUNDAY.....27	.....	22.0	12.0	10.0	.....	.....	.....	.....	.....	.....	.....	N. W.	22.92	.....	.....	.....	36	.....	.....	.....	26
28	25.90	31.3	17.2	14.1	29.9470	30.059	29.837	.222	.1010	70.5	18.0	W.	17.21	0.2	1	0	91	.....	.....	.....	27
29	25.08	26.8	17.5	9.3	29.6365	29.837	29.400	.437	.1017	81.8	18.5	N.	6.13	3.8	10	0	44	.....	.....	.....	28
30	27.38	31.4	20.2	11.2	29.4647	29.526	29.400	.126	.1335	89.0	24.3	S. W.	9.79	10.0	10	10	0	.....	.....	.....	29
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Means.....	33.97	40.09	27.90	12.19	30.0400	30.1767	29.8840	.2927	.1674	81.89	23.92	S. 40 1/2 ° W.	16.11	5.87	3.9	3.1	34.6	0.51	15.7	2.15	Sums.
24 Years means for and including this month.....	32.51	38.95	26.56	12.40	30.0170	.....	.....	.269	.1605	79.98	.....	.....	16.03	7.29	.....	.....	28.94	2.33	12.87	3.64	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.....	2328	86	235	1216	3178	1834	1711	714	.....
Duration in hrs..	144	9	34	65	184	114	118	44	8
Mean velocity....	16.17	9.56	6.91	18.71	18.90	16.09	14.50	16.23	.....

Greatest mileage in one hour was 46, on the 6th.

Greatest velocity in gusts 54 miles per hour on the 6th.

Resultant mileage, 3630.

Resultant direction, S. 40° W.

Total mileage, 11,602.

Average velocity 16.11 m. p. h.

* 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 56.98 on the 6th; the greatest cold was 9.90 on the 26th, giving a range of temperature of 47.8 degrees.

Warmest day was the 5th. Coldest day was the 26th. Highest barometer reading was 30.463 on the 9th. Lowest barometer was 29.400 on the 29th, giving a range of 1.063 inches. Maximum rela-

tive humidity was 99 on the 11th and 19th. Minimum relative humidity was 56 on the 8th.

Rain fell on 8 days.

Snow fell on 8 days.

Rain or snow fell on 14 days.

Lunar halos on 2 nights. Lunar coronas on 5 nights.

Hoar frost on 2 days. Fog on 5 days.