

# ABSTRACT FOR THE MONTH OF APRIL, 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 CLOUDED 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	27.02	34.6	19.0	15.6	30.0400	30.103	29.992	.111	.0870	58.2	14.8	W.	20.46	0.2	1	0	96	....	0.3	0.03	1
2	27.80	37.5	20.1	17.4	29.9122	30.041	29.863	.238	.1067	68.8	19.2	W.	12.54	3.7	7	0	51	....	....	....	2
SUNDAY.....3	....	23.5	14.1	9.4	....	....	....	....	....	....	....	W.	11.83	....	..	..	65	....	0.9	0.08	3.....SUNDAY
4	22.63	30.8	16.4	14.4	30.0362	30.114	29.999	.115	.0927	73.5	15.8	N.	10.42	7.5	10	0	15	....	0.4	0.03	4
5	25.08	30.6	17.7	12.9	30.0648	30.132	29.975	.157	.1007	75.3	18.5	S.W.	6.75	6.0	10	0	45	....	0.1	0.01	5
6	30.67	35.8	22.5	13.3	29.8897	29.960	29.817	.143	.1230	71.8	22.7	S.W.	13.92	6.3	10	0	56	....	....	....	6
7	39.28	47.5	30.8	16.7	29.9212	29.967	29.826	.141	.1318	56.0	24.3	W.	18.00	5.2	10	0	90	....	....	....	7
8	43.35	54.2	34.7	19.5	30.0258	30.110	29.992	.118	.1238	44.2	22.8	W.	11.88	2.7	10	0	87	....	....	....	8
9	45.60	56.7	33.0	23.7	30.0925	30.153	30.043	.110	.1050	54.3	29.8	S.W.	8.96	1.0	4	0	95	....	....	....	9
SUNDAY.....10	....	61.5	35.2	26.3	....	....	....	....	....	....	....	N.	7.79	....	..	..	96	....	....	....	10.....SUNDAY
11	50.73	62.2	39.5	25.7	30.1725	30.208	30.145	.063	.1765	45.0	31.3	E.	3.79	0.2	1	0	97	....	....	....	11
12	53.70	63.8	43.3	20.5	20.1513	30.237	30.058	.179	.1928	46.5	33.2	E.	6.08	0.3	2	0	92	....	....	....	12
13	53.83	66.6	40.8	25.8	29.8975	30.052	29.747	.305	.2203	54.5	37.0	E.	11.96	2.3	7	0	77	....	....	....	13
14	51.30	62.2	41.2	21.0	29.6727	29.756	29.603	.153	.2037	55.5	34.8	N.	21.03	4.5	3	0	28	....	....	....	14
15	47.25	55.7	38.4	17.3	29.6478	29.678	29.622	.056	.2100	63.7	35.0	N.	21.04	8.3	10	0	2	0.00	....	0.00	15
16	48.55	58.6	38.6	20.0	29.6027	29.638	29.552	.086	.2463	72.7	39.8	N.	10.84	6.2	10	0	61	....	....	....	16
SUNDAY.....17	....	63.0	34.8	28.2	....	....	....	....	....	....	....	S.W.	14.58	....	..	..	65	....	....	....	17.....SUNDAY
18	42.28	50.3	34.3	16.0	30.0722	30.203	29.925	.278	.1352	50.2	25.0	N.W.	17.75	3.5	10	0	97	....	....	....	18
19	46.52	55.3	37.2	18.1	30.0655	30.211	29.888	.323	.1563	50.8	27.8	S.E.	13.21	5.3	10	0	63	0.03	....	0.03	19
20	39.65	44.4	36.2	8.2	29.6663	29.764	29.646	.118	.2288	93.3	37.8	S.E.	12.88	10.0	10	10	0	0.7	....	0.70	20
21	43.22	49.5	38.3	11.2	29.6815	29.864	29.598	.266	.2357	84.7	38.8	S.W.	12.67	9.5	10	7	37	0.20	....	0.20	21
22	47.22	57.7	36.0	21.7	29.9323	29.989	29.892	.097	.2148	67.3	36.3	S.W.	21.54	4.7	10	0	74	....	....	....	22
23	49.89	59.8	43.0	16.8	29.9025	29.937	29.880	.057	.2570	72.7	41.0	S.E.	7.88	5.8	10	0	60	....	....	....	23
SUNDAY.....24	....	54.2	41.5	12.7	....	....	....	....	....	....	....	N.	20.21	....	..	..	00	....	....	....	24.....SUNDAY
25	46.72	55.3	39.8	15.5	30.0203	30.150	29.913	.237	.1942	61.5	33.7	N.	23.50	5.3	8	2	50	....	....	....	25
26	46.12	55.3	36.0	19.3	30.2397	30.290	30.189	.101	.1703	56.0	30.5	N.	14.38	2.0	6	0	74	....	....	....	26
27	47.02	58.0	33.3	24.7	30.2790	30.370	30.211	.159	.1725	55.3	30.8	N.	9.00	1.2	3	0	96	....	....	....	27
28	48.98	59.8	35.0	24.8	30.0677	30.225	29.891	.334	.1432	42.5	26.2	N.W.	16.75	3.3	8	0	72	....	....	....	28
29	40.63	47.1	36.5	10.6	29.8070	29.863	29.754	.109	.2087	81.5	35.5	N	16.67	9.5	10	7	00	0.07	....	0.07	29
30	48.70	56.7	39.0	17.7	29.9498	30.091	29.875	.216	.2280	67.7	37.8	N.W.	18.63	7.7	10	0	17	0.00	....	0.00	30
Means.....	42.84	51.61	33.44	18.17	29.9554	30.0425	29.8783	.1642	.1740	62.44	30.01	N. 44° W.	13.89	4.69	7.9	1.0	58.6	1.00	1.7	1.15	.....Sums.
24 Years means for and including this month.....	40.25	48.80	32.46	16.34	29.9604	.....	.....	.202	.1729	66.97	....	....	16.46	5.74	..	..	51.52	1.64	5.63	2.21	{ 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.....	3904	225	283	519	177	2049	1504	1337	
Duration in hrs..	255	27	44	40	20	141	101	85	7
Mean velocity....	15.31	8.33	6.43	12.98	8.85	14.53	14.89	15.73	

Greatest mileage in one hour was 80, on the 25th.  
 Greatest velocity in gusts 42 miles per hour on the 25th.

Resultant mileage, 4,315.  
 Resultant direction, N. 44° W.  
 Total mileage, 9,998.  
 Average velocity 13.89 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 66° 6 on the 13th; the greatest cold was 14° 1 on the 3rd, giving a range of temperature of 52.5 degrees.

Warmest day was the 13th. Coldest day was the 3rd. Highest barometer reading was 30.370 on the 27th. Lowest barometer was 29.552 on the 16th giving a range of 0.818 inches. Maximum relative

humidity was 97 on the 20th. Minimum relative humidity was 30 on the 28th.

Rain fell on 6 days.  
 Snow fell on 4 days.  
 Rain or snow fell on 10 days.  
 Auroras were observed on 2 nights.  
 Lunar halo on 1 night. Lunar coronas on 5 nights. Solar halo on 1 day.