

# ABSTRACT FOR THE MONTH OF APRIL, 1893.

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 CLOUDED IN TENTHS.			Percent 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	38.58	44.8	30.0	14.8	29.4060	29.685	29.204	.481	.1918	80.0	33.0	S. W.	29.2	8.0	10	3	00	0.40	0.40	1			
SUNDAY.....	2	34.5	12.2	22.3	.....	.....	.....	.....	.....	.....	.....	S. W.	18.2	8.3	10	0	86	.....	.....	0.12	2		
3	23.12	28.5	20.4	8.1	30.1512	30.455	29.989	.466	.1043	83.7	18.8	S. E.	12.5	8.3	10	0	00	.....	1.4	.....	0.14	3	
4	33.25	45.5	19.7	25.8	29.4985	29.904	29.272	.632	.1593	76.2	28.2	S. W.	21.4	10.0	10	0	00	0.14	.....	.....	.....	4	
5	28.77	42.4	24.0	18.4	30.0313	30.226	29.780	.446	.0897	55.5	15.7	S. W.	26.5	4.7	8	0	76	.....	.....	.....	.....	5	
6	19.53	27.8	11.9	15.9	30.5173	30.580	30.377	.203	.0857	30.0	14.8	N.	12.8	0.2	1	0	86	.....	.....	.....	.....	6	
7	27.32	34.0	19.7	14.3	30.2522	30.517	29.870	.647	.1318	86.3	23.8	S. E.	20.4	8.3	10	0	00	0.13	0.8	.....	0.20	7	
8	43.40	60.8	34.0	26.8	29.6483	29.769	29.438	.331	.2118	75.8	35.3	S. E.	30.5	7.0	10	0	09	0.14	.....	.....	0.14	8	
SUNDAY.....	9	42.3	30.7	11.6	.....	.....	.....	.....	.....	.....	.....	N. W.	12.8	.....	10	0	97	.....	.....	.....	.....	9	
10	37.88	45.8	30.1	15.7	30.2073	30.243	30.165	.073	.1483	65.0	27.2	S. W.	6.2	5.0	10	0	14	.....	.....	.....	.....	10	
11	41.60	51.1	31.7	19.4	30.3418	30.380	30.246	.134	.1472	57.5	26.8	S. E.	6.3	1.3	5	0	93	.....	.....	.....	.....	11	
12	46.65	55.8	35.6	20.2	30.2223	30.379	30.070	.309	.1342	42.5	24.5	S. E.	21.5	7.0	10	0	50	Inap.	.....	Inap.	.....	12	
13	46.98	60.8	41.5	19.3	29.7978	30.007	29.628	.379	.2505	76.2	39.8	S. E.	26.3	7.2	10	0	32	0.04	.....	0.04	.....	13	
14	37.80	44.3	31.8	12.5	29.9418	30.015	29.902	.113	.1435	62.7	26.0	S. W.	18.5	6.7	10	0	08	.....	.....	.....	.....	14	
15	28.30	31.8	27.7	4.1	29.8725	29.967	29.774	.193	.1352	87.0	25.0	N. E.	30.5	8.3	10	0	00	.....	5.4	.....	0.54	15	
SUNDAY.....	16	39.0	31.9	7.1	.....	.....	.....	.....	.....	.....	.....	N. W.	9.5	.....	10	0	00	.....	.....	.....	.....	.....	16
17	36.53	42.9	27.3	15.6	30.1202	30.224	29.982	.242	.1480	67.8	27.0	S. E.	11.6	6.2	10	0	86	.....	.....	.....	.....	17	
18	37.44	45.6	32.2	13.4	29.8748	29.941	29.794	.147	.1655	73.2	29.3	N. W.	18.0	6.8	10	0	28	0.01	0.8	.....	0.14	18	
19	33.70	40.8	27.0	13.8	30.0267	30.163	29.902	.261	.1182	61.5	21.7	N. W.	21.6	0.2	1	0	95	.....	.....	.....	.....	19	
20	39.33	48.6	27.3	21.3	30.1417	30.281	29.940	.347	.1755	51.2	21.8	N.	24.6	6.7	10	0	51	Inap.	.....	Inap.	.....	20	
21	39.48	47.7	33.4	14.3	29.7915	29.866	29.707	.159	.1805	74.8	31.5	S. E.	15.1	10.0	10	10	00	0.18	.....	0.18	.....	21	
22	41.50	48.7	34.0	14.7	29.6537	29.690	29.622	.068	.1942	75.0	33.8	S. W.	17.1	9.7	10	8	10	.....	.....	.....	.....	22	
SUNDAY.....	23	50.4	36.2	14.2	.....	.....	.....	.....	.....	.....	.....	W.	25.0	.....	10	0	18	0.08	.....	0.08	.....	.....	23
24	37.08	46.4	29.4	17.0	30.1278	30.199	30.051	.143	.1260	55.3	23.0	S. W.	10.4	5.7	10	0	76	.....	.....	.....	.....	24	
25	36.38	44.6	32.5	22.1	30.1175	30.405	29.992	.413	.1388	63.7	24.2	N. W.	16.2	4.8	10	0	67	.....	.....	.....	.....	25	
26	34.75	44.3	21.0	23.3	30.4635	30.552	30.340	.212	.1163	56.7	21.5	W.	9.4	1.7	10	0	91	.....	.....	.....	.....	26	
27	39.98	42.2	36.4	5.8	30.0035	30.216	29.870	.346	.1887	76.2	32.8	S. E.	26.3	10.0	10	10	44	0.20	.....	0.20	.....	27	
28	45.32	50.8	39.9	10.9	29.8907	29.926	29.822	.104	.1593	52.7	28.8	S. W.	25.5	6.3	10	0	00	Inap.	.....	Inap.	.....	28	
29	44.52	53.5	34.8	18.7	29.9123	29.952	29.804	.148	.1475	50.5	27.2	S. W.	13.9	5.5	10	0	73	.....	.....	.....	.....	29	
SUNDAY.....	30	54.9	37.4	17.5	.....	.....	.....	.....	.....	.....	.....	N.	9.2	.....	10	0	74	.....	.....	.....	.....	.....	30
..... Means	36.80	45.0	29.0	16.0	30.0005	.....	.....	.274	.1494	67.8	26.5	S. 43° W.	18.1	6.2	.....	.....	74	1.32	8.4	2.18	.....	Sums	
{ 19 Years means } for and including this month.....	39.68	48.15	32.07	16.07	29.9464	.....	.....	.206	.1680	66.52	.....	.....	.....	5.9	.....	.....	51.3	1.59	6.7	2.26	.....	{ 19 Years means } and including this month.	

## ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Miles.....	1032	1086	513	3055	419	3522	1718	1679
Duration in hrs..	64	58	34	166	31	171	103	93
Mean velocity...	16.1	18.7	15.1	18.4	13.5	20.6	16.7	18.5

Greatest mileage in one hour was 53 on the 8th.  
 Greatest velocity in gusts 64 miles per hour, on the 8th.  
 Resultant mileage 2855.

Resultant direction, S. 48° W.  
 Total mileage, 13,024.  
 Average velocity, 18.1 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.  
 ¶ 12 years only.  
 The greatest heat was 60.8 on the 8th and 13th; the greatest cold was 11.9 on the 6th, giving a range of temperature of 48.9 degrees. Warmest day was the 13th. Coldest day was the 6th. Highest barometer reading was 30.580 on the 6th; lowest barometer was 29.204 on the 1st, giving a

range of 1.376 inches. Maximum relative humidity was 97 on the 1st and 3rd. Minimum relative humidity was 24 on the 29th.  
 Rain fell on 12 days.  
 Snow fell on 4 days.  
 Rain or snow fell on 14 days.  
 Auroras were observed on 3 nights.  
 Lunar halo on 4 nights.  
 Lunar corona on the 26th.  
 Very heavy thunderstorm on the 7th.