

# ABSTRACT FOR THE MONTH OF MAY, 1894.

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.	Mir.					
1	68.12	79.0	56.7	22.3	29.9191	30.069	29.816	.244	.3278	43.0	47.2	S.W.	25.2	5.7	10	0	70	....	....	....	1
2	62.82	76.0	50.5	25.5	29.8852	30.106	29.752	.354	.3943	07.7	51.5	S.W.	19.7	7.7	10	2	43	0.01	....	0.01	2
3	53.27	64.0	42.3	21.7	30.1250	30.196	30.048	.148	.2425	58.3	39.2	N.	7.4	2.2	6	0	92	....	....	....	3
4	56.92	63.8	51.8	13.0	29.9747	30.051	29.919	.132	.3922	4.3	52.2	S.	5.2	6.3	10	0	50	0.10	....	0.10	4
5	57.93	68.0	47.3	20.7	29.9700	30.076	29.866	.270	.3497	74.0	48.8	S.E.	6.0	5.8	10	2	59	Inap	....	Inap	5
SUNDAY	6	....	75.8	57.0	18.8	....	....	....	....	....	....	S.	18.9	....	....	....	24	0.39	....	0.39	6
7	56.72	64.5	51.8	12.7	29.9170	29.661	29.436	.165	.3398	72.0	47.5	S.W.	27.3	7.0	10	0	49	0.45	....	0.45	7
8	54.62	63.4	49.0	14.4	29.6655	29.775	29.623	.152	.2473	38.0	49.0	S.W.	23.0	3.7	10	0	58	0.62	....	0.62	8
9	53.23	60.8	45.1	15.7	29.9947	30.212	29.835	.377	.2473	61.0	39.8	S.W.	19.7	5.5	10	0	52	Inap	....	Inap	9
10	53.15	62.3	41.1	21.2	30.2643	30.353	30.130	.223	.2495	59.3	39.0	E.	12.2	1.3	4	0	98	....	....	....	10
11	55.85	64.5	49.0	15.5	30.1293	30.284	30.002	.282	.2702	60.8	42.0	S.W.	27.0	4.0	10	0	55	0.12	....	0.12	11
12	58.02	68.0	46.9	21.1	30.2260	30.372	30.040	.332	.2508	52.7	40.2	S.W.	22.7	2.8	7	0	63	....	....	....	12
SUNDAY	13	....	63.6	44.5	19.1	....	....	....	....	....	....	N.W.	24.2	....	....	....	96	....	....	....	13
14	47.52	59.0	37.7	21.3	30.1518	30.269	30.030	.239	.1285	39.3	21.0	N.W.	17.7	2.0	10	0	99	....	....	....	14
15	52.08	64.5	38.6	25.9	29.9305	30.069	29.837	.232	.1593	42.0	28.0	N.W.	17.5	0.0	0	0	99	....	....	....	15
16	56.30	68.0	47.0	21.0	29.8022	29.890	29.726	.164	.2423	52.2	38.8	N.W.	10.0	4.0	10	0	98	....	....	....	16
17	58.45	69.5	47.0	22.5	29.7333	29.799	29.664	.135	.2547	53.8	49.7	N.	6.8	9.2	10	5	00	....	....	....	17
18	56.62	63.5	53.7	9.8	29.6332	29.681	29.592	.089	.4118	89.7	53.0	N.	10.1	10.0	10	20	00	0.57	....	0.57	18
19	57.88	64.8	52.7	12.1	29.7507	29.889	29.647	.242	.4502	93.7	56.2	N.E.	11.2	10.0	10	10	00	0.12	....	0.12	19
SUNDAY	20	....	69.1	54.0	15.1	....	....	....	....	....	....	S.E.	13.3	....	....	....	59	....	....	....	20
21	58.63	68.1	47.5	20.6	30.2465	30.391	30.199	.102	.2875	59.3	44.0	E.	11.7	6.7	10	0	96	....	....	....	21
22	59.47	70.5	46.0	24.5	30.0773	30.211	29.940	.271	.2582	52.8	41.0	S.	11.7	5.8	10	0	83	....	....	....	22
23	61.55	68.8	54.2	14.6	29.8990	29.963	29.865	.098	.3793	69.5	51.5	N.E.	11.7	9.3	10	5	36	Inap	....	Inap	23
24	58.32	69.0	51.8	17.2	29.7605	29.846	29.699	.237	.4100	81.2	53.3	N.E.	13.4	9.7	10	8	16	0.09	....	0.09	24
25	53.15	56.2	50.1	6.1	29.7168	29.772	29.665	.107	.3252	80.2	47.0	N.E.	21.7	10.0	10	10	00	0.51	....	0.51	25
26	56.82	66.5	48.0	18.5	29.8340	29.884	29.790	.094	.3398	74.8	48.3	N.	9.7	7.7	10	0	68	....	....	....	26
SUNDAY	27	....	71.0	50.6	20.4	....	....	....	....	....	....	S.E.	9.1	....	....	....	74	....	....	....	27
28	55.57	71.0	44.6	26.4	29.7768	29.839	29.704	.135	.3927	88.0	51.8	S.E.	19.2	8.3	10	0	90	0.85	....	0.85	28
29	46.53	54.2	40.0	14.2	29.8847	29.965	29.833	.132	.2367	76.0	38.8	S.W.	19.6	6.5	10	0	49	0.32	....	0.32	29
30	51.05	59.0	40.8	18.2	30.0048	30.036	29.960	.076	.2755	75.3	42.8	S.E.	5.2	6.8	10	0	25	Inap	....	Inap	30
31	52.49	57.1	49.0	8.1	29.7925	29.927	29.633	.294	.3342	85.3	48.0	E.	7.8	10.0	10	10	00	0.18	....	0.18	31
.....	Means	56.04	65.92	47.91	18.01	29.9135	.....	.....	.197	.3030	67.0	44.2	S. 50 1/2° W.	14.7	6.2	....	51.0	3.73	.....	3.73	Sums
20 Years means for and including this month	54.42	63.69	45.50	18.69	29.9318	.....	.....	.168	.2833	65.5	....	.....	....	6.3	....	50.2	2.94	.....	2.94	20 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.....	1097	1429	634	733	1160	4255	556	1108	23
Duration in hrs..	91	99	69	70	96	203	31	62	23
Mean velocity...	12.1	14.4	9.2	10.5	12.1	21.0	17.9	17.9	

Greatest mileage in one hour was 44 on the 25th.  
Greatest velocity in gusts 60 miles per hour, on the 7th.

Resultant mileage 2,828.  
Resultant direction, S. 50 1/2° W.  
Total mileage, 10,972.

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

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ 13 years only.

The greatest heat was 79° on the 1st; the greatest cold was 37° on the 14th giving a range of temperature of 41.3 degrees. Warmest day was the 1st. Coldest day was the 29th. Highest barometer reading was 30.372 on the 12th; lowest barometer was 29.436 on the 7th.

giving a range of 0.936 inches. Maximum relative humidity was 99 on the 18th, 19th, 25th and 30th.

Minimum relative humidity was 25 on the 13th.

Rain fell on 17 days.

Auroras were observed on 7th, 13th, & 30th.

Fog on 3 days.

Thunderstorms on 4 days.