

ABSTRACT FOR THE MONTH OF MAY, 1899.

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 CLOUDS IN TENTHS.			Per cent. per hour. of visible 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	57.15	65.0	50.4	14.6	29.9572	29.997	29.929	.068	.3055	84.0	52.3	N.W.	12.21	8	10	5	13	0.02	...	0.02	1
2	53.73	69.3	45.4	23.9	29.8855	29.961	29.826	.135	.3327	81.0	47.2	N.	13.92	6.7	10	0	46	0.06	...	0.06	2
3	48.17	50.8	41.9	14.9	30.2167	30.263	29.961	.302	.2015	60.5	34.5	N.	22.75	1.8	10	0	95	0.00	...	0.00	3
4	49.02	61.3	36.0	25.3	30.217	30.306	30.123	.183	.1625	45.8	29.0	N.	10.92	0	0	0	98	...	...	...	4
5	53.05	64.6	39.0	25.6	30.1345	30.253	30.136	.117	.2232	7.5	37.0	N.	9.42	2.0	10	0	98	...	...	...	5
6	58.55	64.5	43.7	25.8	30.0868	30.213	29.981	.232	.2717	50.0	42.3	S.W.	13.29	4.5	9	0	35	...	...	...	6
SUNDAY.....	7	.....	67.4	15.9	.....	.....	.....	.....	.....	.....	.....	S.W.	11.50	.....	.....	.....	97	.....	.....	.....	7
8	58.23	69.9	44.2	25.7	29.8327	29.983	29.731	.252	.2378	60.5	44.0	N.	7.46	2.3	6	0	98	.....	.....	.....	8
9	54.88	65.3	47.1	18.2	29.6073	29.987	29.755	.232	.2380	55.5	38.8	N.W.	15.29	0	0	0	96	.....	.....	.....	9
10	58.30	69.8	46.1	23.7	30.0203	30.099	29.949	.150	.2775	55.5	41.8	S.	10.21	0.2	1	0	93	.....	.....	.....	10
11	56.37	70.3	48.5	21.8	29.7362	29.943	29.611	.338	.3387	75.3	47.7	S.W.	18.42	5.3	10	0	37	0.35	.....	0.35	11
12	60.33	69.7	47.1	22.6	29.8348	29.870	29.765	.105	.3477	67.3	49.2	S.W.	13.25	1.3	5	0	98	.....	.....	.....	12
SUNDAY.....	13	59.15	71.2	49.5	29.7998	29.501	29.690	.205	.3535	70.5	49.0	S.E.	18.95	6.0	10	0	46	0.12	.....	0.12	13
14	.....	57.4	41.8	15.6	.....	.....	.....	.....	.....	.....	.....	S.W.	21.58	.....	.....	.....	93	.....	.....	.....	14
15	49.40	58.2	41.1	17.1	30.0858	30.160	30.026	.134	.1095	55.8	34.0	S.W.	10.92	3.6	10	0	86	.....	.....	.....	15
16	50.30	59.5	40.2	19.3	29.9787	30.095	29.885	.210	.2270	61.7	37.2	S.W.	10.92	4.0	0	0	54	.....	.....	.....	16
17	51.18	61.5	38.4	23.1	30.0575	30.132	29.958	.174	.2555	67.0	40.5	N.	12.33	1.7	8	0	100	.....	.....	.....	17
18	50.27	55.4	45.2	10.2	29.9613	30.132	29.812	.240	.3002	82.7	44.7	S.E.	15.75	10.0	10	10	00	0.06	.....	0.06	18
19	50.50	54.5	46.9	7.6	29.8748	29.893	29.857	.036	.3240	88.5	47.2	W.	3.87	10.0	10	10	05	0.01	.....	0.01	19
SUNDAY.....	20	49.67	56.0	47.0	29.8670	29.928	29.836	.092	.3232	91.0	47.2	S.E.	10.04	10.0	10	13	03	0.05	.....	0.05	20
21	.....	61.8	46.0	15.8	.....	.....	.....	.....	.....	.....	.....	S.E.	9.37	.....	.....	.....	31	.....	.....	.....	21
22	53.50	60.4	45.3	15.1	30.1432	30.171	30.124	.047	.2018	71.0	44.2	S.E.	6.21	8.7	10	3	00	.....	.....	.....	22
23	62.70	72.3	51.8	20.5	30.1940	30.236	30.161	.075	.3155	55.5	46.0	N.W.	7.29	4.1	10	0	86	.....	.....	.....	23
24	64.75	76.9	51.1	25.8	30.1782	30.264	30.106	.158	.3493	58.0	43.0	W.	7.54	0.0	0	0	96	.....	.....	.....	24
25	66.43	76.6	56.8	19.8	30.0572	30.157	30.000	.157	.3195	48.2	45.8	N.W.	22.71	2.5	10	0	93	.....	.....	.....	25
26	66.67	77.3	59.2	18.1	29.9623	30.029	29.864	.165	.4373	67.3	55.0	N.W.	23.04	6.2	10	0	74	0.02	.....	0.02	26
SUNDAY.....	27	53.92	63.7	48.0	29.8592	29.868	29.847	.021	.3733	89.5	50.7	N.E.	21.54	10.0	10	10	00	0.57	.....	0.57	27
28	.....	64.7	47.3	17.4	.....	.....	.....	.....	.....	.....	.....	N.E.	16.08	.....	.....	.....	64	0.01	.....	0.01	28
29	59.33	70.2	55.1	15.1	29.9313	30.039	29.810	.223	.4442	87.5	55.7	N.E.	5.62	6.8	10	0	18	0.22	.....	0.22	29
30	63.75	70.7	56.6	14.1	29.7252	29.810	29.670	.140	.4730	82.3	57.3	W.	23.50	7.2	10	0	37	0.10	.....	0.10	30
31	67.73	73.4	56.2	22.2	29.6188	29.896	29.740	.176	.4545	68.2	56.3	N.W.	11.71	3.0	10	0	98	0.00	.....	0.00	31
Means.....	56.58	65.99	47.24	18.75	29.9706	30.0590	29.8979	.1620	.3241	68.13	45.27	N. 64 1/2° W.	13.47	4.69	3.11	1.77	51.03	1.59	.....	1.59	Sums.
25 Years means for and including this month.....	54.79	64.10	45.89	18.20	29.9330	.....	.....	.168	.29.6	66.38	.....	.....	14.19	6.10	.....	.....	50.87	2.91	.....	2.96	{ 25 Years means for and including this month.

a ANALYSIS OF WIND RECORD.

Direction.....	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	CAL.
Miles.....	1832	95	81	1367	692	1543	1608	1965	.....
Duration in hrs..	144	72	8	110	50	104	123	121	12
Mean velocity....	12.72	12.99	10.12	12.43	13.84	14.84	13.07	16.24	.....

Greatest mileage in one hour was 36, on the 30th. Total mileage, 10,023. Resultant mileage, 2630. Resultant direction, N. 64° W. a wind records from the 18th to the 31st are from the City Hall.

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

† Observed.
‡ Pressure of vapour in inches of mercury.
§ Humidity relative, saturation being 100.
¶ 18 years only. * 13 years only.

The greatest heat was 78° 4 on the 31st; the greatest cold was 36° 0 on the 4th, giving a range of temperature of 42.4 degrees.

Warmest day was the 31st. Coldest day was the 3rd. Highest barometer reading was 30.264 on the 24th. Lowest barometer was 29.611 on the 11th, giving a range of 0.653 inches. Minimum rela-

tive humidity was 99 on the 27th. Minimum relative humidity was 31 on the 24th.

Rain fell on 14 days. Auroras were observed on 3 nights. Lunar corona on the 21st. Thunderstorm on the 2nd. Lightning on the 27th.