

ABSTRACT FOR THE MONTH OF APRIL, 1899.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 157 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				Mean pressure of vapor.	Mean relative humidity.	Dew Point.	WIND.		SKY CLOUDY 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.					
SUNDAY.....	1 29.33	35.2	25.0	10.2	29.7230	29.786	29.677	.109	.1222	74.8	72.7	S. W.	27.71	30	10	4	57	...	0.00	0.00	1
	2	35.9	22.2	13.7	.....	.....	.....	.....	.....	.....	.....	S. W.	25.58	...	...	...	13	.....	...	.....	2.....SUNDAY
	3 33.35	38.6	27.0	11.6	30.0008	30.085	29.907	.178	.1493	78.3	27.2	S. W.	18.67	47	10	0	91	.....	.....	.....	3
	4 30.28	35.3	26.0	9.3	30.1502	30.187	30.085	.102	.1105	65.3	20.3	N. W.	13.58	20	0	0	96	.....	.....	.....	4
	5 30.12	36.6	21.5	15.1	30.3337	30.379	30.187	.192	.1122	66.5	20.5	N.	11.87	00	0	0	96	.....	.....	.....	5
	6 32.98	40.8	23.1	17.7	30.3385	30.409	30.244	.1	.1363	72.7	25.0	S.	8.12	20	0	0	80	.....	.....	.....	6
	7 35.80	42.6	29.8	12.8	30.0713	30.244	29.931	.313	.1573	74.3	28.5	S. E.	8.71	42	10	5	20	0.04	.....	0.04	7
SUNDAY.....	8 34.38	36.6	32.6	4.0	29.5523	29.931	29.479	.452	.1915	96.3	33.3	N.	11.42	10	10	10	00	0.83	1.2	1.02	8
	9	35.5	31.0	4.6	.....	.....	.....	.....	.....	.....	.....	S. W.	21.29	...	...	...	00	0.12	0.7	0.19	9.....SUNDAY
	10 31.62	36.6	26.5	10.1	30.0603	30.192	29.922	.270	.1242	70.5	23.0	S. W.	16.58	00	0	0	95	.....	.....	.....	10
	11 36.23	42.2	26.4	15.8	30.2248	30.324	30.124	.200	.1243	58.8	23.0	S.	8.58	13	5	0	94	.....	.....	.....	11
	12 36.02	39.2	32.5	6.7	29.8622	30.124	29.758	.366	.1705	80.8	30.3	S. E.	12.29	10	10	10	00	0.12	.....	0.12	12
	13 41.98	47.7	32.4	15.3	29.8932	29.938	29.774	.164	.2040	76.7	35.2	S. W.	17.00	57	10	0	47	0.01	.....	0.01	13
	14 44.08	52.6	36.3	16.3	29.7588	29.919	29.624	.295	.2293	79.5	37.8	S. W.	18.08	70	0	0	30	0.11	.....	0.11	14
SUNDAY.....	15 41.83	46.8	36.3	10.5	29.8985	29.930	29.853	.077	.1552	61.2	28.2	W.	20.04	12	7	0	97	.....	.....	.....	15
	16	46.7	33.7	13.0	.....	.....	.....	.....	.....	.....	.....	N. W.	14.04	...	...	...	87	.....	.....	.....	16.....SUNDAY
	17 42.28	48.7	32.9	15.8	29.9950	30.052	29.906	.176	.1378	52.2	25.5	S. W.	16.58	15	5	0	92	.....	.....	.....	17
	18 46.65	56.2	36.1	20.1	30.1183	30.156	30.080	.076	.1680	53.0	29.8	N. E.	7.58	10	5	0	88	.....	.....	.....	18
	19 47.47	56.3	34.2	22.1	30.0460	30.080	30.008	.072	.2227	66.0	36.8	N.	11.96	42	10	0	63	0.09	.....	0.09	19
	20 51.28	57.8	45.3	12.5	30.0577	30.099	30.050	.049	.2617	69.7	41.3	S.	16.25	78	10	2	69	0.05	.....	0.05	20
	21 44.40	53.5	35.9	17.6	30.2285	30.270	30.090	.180	.2458	83.7	39.5	N.	10.24	60	10	0	19	0.05	.....	0.05	21
SUNDAY.....	22 50.90	60.4	37.2	23.2	30.2032	30.260	30.163	.097	.2873	77.0	43.5	S.	9.12	32	7	0	41	0.00	.....	0.00	22
	23	60.5	43.9	16.6	.....	.....	.....	.....	.....	.....	.....	N. W.	10.54	...	...	...	98	.....	.....	.....	23.....SUNDAY
	24 49.58	60.3	37.5	22.8	30.1282	30.243	29.998	.245	.2392	65.7	38.3	N. W.	8.29	02	1	0	98	.....	.....	.....	24
	25 54.68	69.2	42.9	26.3	29.9557	30.015	29.908	.107	.3445	79.2	48.2	N.	9.67	78	10	2	41	0.02	.....	0.02	25
	26 50.80	59.2	44.6	14.6	30.0153	30.078	29.940	.138	.3083	81.8	45.3	N. W.	9.50	78	10	0	72	0.02	.....	0.02	26
	27 51.98	65.7	36.0	29.7	30.1402	30.196	30.078	.118	.2528	64.0	39.7	N.	8.21	00	0	0	97	.....	.....	.....	27
	28 59.65	71.4	47.8	23.6	30.0740	30.140	29.997	.149	.3023	60.2	45.0	S. E.	15.21	18	7	0	88	.....	.....	.....	28
SUNDAY.....	29 63.60	75.7	52.5	23.2	30.0700	30.120	30.021	.099	.3472	58.3	48.5	S.	13.12	45	10	0	57	.....	.....	.....	29
	30	82.0	58.7	23.3	.....	.....	.....	.....	.....	.....	.....	S. W.	10.87	...	...	...	64	0.00	.....	0.00	30.....SUNDAY
Means.....	1 42.85	50.86	34.93	15.94	30.0372	30.1277	29.9522	.1756	.2042	70.67	33.46	S. 45 1/4 W.	13.63	100	7.1	1.3	63.0	1.37	1.9	1.63	Sums.
25 Years means for and including this month.....	40.35	48.88	32.56	16.32	29.9634	.....	.....	.2012	.1742	67.12	...	.....	16.24	3.67	...	...	52.16	1.63	5.48	2.19	25 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.....	1439	153	353	637	1760	3927	964	450	
Duration in hrs..	141	22	33	46	151	222	63	37	5
Mean velocity....	10.21	6.95	10.70	14.93	11.66	17.69	15.30	12.16	

Greatest mileage in one hour was 35, on the 14th.

Greatest velocity in gusts 36 miles per hour on the 14th.

Resultant mileage, 4435
Resultant direction, S. 45° W.
Total mileage, 9,733.
Average velocity, 13.63 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.

¶ 18 years only. * 13 years only.

The greatest heat was 82° on the 30th: the greatest cold was 21° on the 5th, giving a range of temperature of 60.5 degrees.

Warmest day was the 30th. Coldest day was the 2nd. Highest barometer reading was 30.409 on the 6th. Lowest barometer was 29.479 on the 8th, giving a range of .930 inches. Maximum rela-

tive humidity was 98 on the 8th. Minimum relative humidity was 41 on the 11th, 18th and 28th.

Rain fell on 13 days.

Snow fell on 3 days.

Rain or snow fell on 14 days.

Lunar halo on 1 night.

Lunar coronas on 4 nights.

Fog on 6 days.

Thunder on 30th.