YEARLY ABSTRACT FOR 1884.

Meteorological Observations, McGill College Observatory, Montreal, Canada, height above sea level, 187 feet.

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MONTH.	THERMOMETER.				*BAROMETER.				†Mean pressure of vapour.	‡Mean relative humidity.
	Mean.	Max.	Min.	Mean daily range.	Mean.	Max.	Min.	Mean daily range.		
January	8.73	40.5	—16.5	16.38	30.0409	30.964	28.960	.3353	.0634	81.12
February	18.11	44.0	—11.0	17.52	30.0027	30.686	29.175	.3649	.0956	85.59
March	25.65	47.1	— 9.4	14.02	29.9941	30.395	29.518	.2350	.1212	79.69
April	40.55	69.0	24.5	14.17	29.8369	30.317	29.233	.1635	.1794	71.68
May	51.95	75.9	33.5	17.92	29.8829	30.266	29.438	.1721	.2751	68.55
June	66.91	86.0	44.0	21.00	30.0187	30.565	29.584	.1544	.4478	67.00
July	65.84	86.7	51.0	16.48	29.7783	30.073	29.445	.1326	.4826	75.98
August	68.79	91.0	43.8	17.84	29.9733	30.348	25.569	.1227	.5006	71.05
September	61.76	87.7	36.5	16.07	29.9859	30.530	29.487	.2163	.4160	73.09
October	44.96	70.6	23.9	13.28	30.0393	30.623	29.573	.2557	.2427	76.41
November	30.34	49.8	13.2	13.45	29.9683	30.451	29.311	.2878	.1393	79.96
December	16.51	49.0	—23.5	13.57	30.1140	30.836	29.204	.2932	.1007	85.99
Means for 1884	41.675			15.975	29.9696			.2278	.25537	76.342
Totals										
Means for 10 years ending Dec. 31, 1884	42.113				29.9746				.25275	74.225

WIND.		Sky clouded per cent.	Percentage of possible sunshine.	Inches of rain.	No. of days on which rain fell.	Inches snow.	No. of days on which snow fell.	Inches rain and snow melted.	No of days on which rain and snow fell.	No. of days on which rain or snow fell.	MONTH.
Mean direction.	Mean velocity in miles per hour.										
S.W	12.23	66.4	27.6	0.22	3	44.2	21	4.38	2	22	..January.
W.S.W	9.98	75.8	22.4	2.18	9	29.3	20	4.95	6	23	..February.
W.S.W	11.41	56.2	47.0	1.32	7	20.9	14	3.39	2	19	..March.
N.W	9.33	68.2	33.7	2.09	10	3.9	6	2.48	1	15	..April.
W.S.W	9.84	70.3	43.8	3.51	19	0.0	0	3.51	0	19	..May.
S.W	8.99	45.7	68.8	3.38	9	0.0	0	3.38	0	9	..June.
W.S.W	9.61	59.5	46.4	4.73	19	0.0	0	4.73	0	19	..July.
W.S.W	8.35	39.9	67.1	1.75	7	0.0	0	1.75	0	7	..August.
W.S.W	9.87	44.7	58.9	3.37	11	0.0	0	3.37	0	11	..September.
W by S	9.72	73.6	33.2	2.62	17	0.5	5	2.67	3	19	..October.
SW by W	11.15	72.9	27.6	2.13	12	5.0	10	2.62	3	19	.November.
W.S.W	11.81	64.3	22.4	1.53	8	35.0	14	4.57	1	21	..December.
W.S.W	10.191	61.46	41.58								.Means for 1884.
				28.83	131	138.8	90	41.80	18	203	..Totals for 1884.
W by S	10.935	60.99	§46.92	27.27	136.5	116.6	85.3	38 91	15.9	211.7	..Means for 10 years ending Dec 31, 1884.

*Barometer reading reduced to 32° Fahr., and to sea level. †Inches of Mercury. ‡Relative, saturation being 100. §For 3 years only. The monthly means are derived from observations taken every 4th hour, beginning with 3.08 a.m. The greatest heat was 91.0 on August 21st; greatest cold was 23.5 below zero on Dec. 20th; extreme range of temperature was therefore 114°.5. Greatest range of the thermometer on one day was 37.6 on May 2nd; least range was 4.0 on Nov. 28th. The warmest day was August 21st, the mean temperature being 81.15. The coldest day was Dec. 20th, mean temperature 17.3 below zero. The highest barometer reading was 30.964 on January 27th, the lowest 28.960 on January 9th, giving a range of 2.004 in. for the month and year. The lowest relative humidity was 23 on April 26th. The greatest mileage of wind recorded in one hour was 50 on May 2nd, when the velocity in one gust was at the rate of 80 miles per hour. (This is the greatest velocity ever recorded here.)

The sleighing of the winter closed on April 1st. The first appreciable snow of autumn fell on October 25th, but melted as it fell. The first sleighing of the winter was on Nov. 29th. Upper river navigation opened April 17th. Ferries running on April 22nd. River open to ocean ships on April 27th. First ocean ship arrived in port on May 2nd.

Auroras were observed on 21 nights. Hoar frost on 23 days, Fogs on 13 days; Lunar halos on 8 nights; Lunar corona on 2 nights. Thunder storms on 12 days, and lightning without thunder on 6 days.

The red sky at sunrise and sunset was very brilliant in January and February. It has decreased in brightness, but has been observable up to the end of the year.