

Meteorological Abstract for the Year 1895.

Observations made at McGill College Observatory, Montreal, Canada. — Height above sea level 187 ft. Latitude N. 45° 30' 17". Longitude 4^h 54^m 18.55^s W.

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MONTH.	THERMOMETER.					* BAROMETER.				Mean pressure of vapour.	Mean relative humidity.	Mean dew point.	WIND.		Sky clouded per cent.	Per cent. possible bright sunshine.	Inches of rain.	Number of days on which rain fell.	Inches of snow.	Number of days on which snow fell.	Inches of rain and snow melted.	No. of days on which rain and snow fell.	No. of days on which rain or snow fell.	TEN YEARS (1885-94) MEANS OF BI-HOURLY TEMPERATURES AT MONTREAL.														MONTH.
	Mean.	Deviation from 21 years means.	Max.	Min.	Mean daily range.	Mean.	Max.	Min.	Mean daily range.				Resultant direction.	Mean velocity in miles per hour.										1h	3h	5h	7h	9h	11h	13h	15h	17h	19h	21h	23h	Means.		
January	14.89	+ 2.96	37.2	- 12.7	15.31	29.9346	30.637	29.200	241	.0789	82.8	10.6	S. 70° W.	14.6	59	40	1.36	4	24.9	18	3.76	2	20	11.34	10.59	9.76	9.53	10.41	12.88	14.37	14.95	13.92	13.50	12.09	12.13	12.17	January	
February	14.20	+ 1.64	37.2	- 19.8	14.26	29.8003	30.347	28.832	235	.0853	87.5	11.1	S. 66° W.	20.6	60	47	0.00	2	24.7	15	2.45	1	16	12.21	11.45	10.49	9.95	11.82	14.67	16.24	17.01	15.85	14.86	14.16	13.45	13.51	February	
March	22.13	+ 2.15	40.7	- 6.8	15.29	29.8327	30.496	29.381	247	.0933	84.0	18.2	S. 67° W.	16.1	51	59	0.45	4	5.6	15	1.01	2	17	22.39	21.41	20.09	20.36	23.08	25.98	27.76	28.42	27.55	25.83	24.68	23.81	24.28	March	
April	41.17	+ 1.17	64.6	- 16.0	16.06	29.9964	30.656	29.236	222	.1034	73.4	32.7	S. 34° W.	13.7	54	46	3.76	12	0.0	1	3.76	..	13	36.78	35.46	34.14	36.38	39.86	43.32	45.47	46.27	45.65	42.31	40.25	38.73	40.39	April	
May	58.27	+ 3.66	87.1	- 32.8	19.96	29.9632	30.498	29.429	155	.1557	57.5	46.5	S. 39° W.	14.6	54	53	3.91	17	0.0	1	3.91	..	17	50.66	49.12	47.73	51.08	55.23	58.76	61.41	62.33	61.22	57.55	54.77	52.81	55.23	May	
June	69.54	+ 4.51	86.4	- 52.8	17.14	29.9832	30.428	29.603	148	.1483	57.5	46.5	S. 51° W.	13.4	53	53	3.74	12	..	..	3.74	..	12	60.69	59.49	58.04	62.26	65.82	69.13	71.21	71.80	70.51	66.86	63.89	62.23	65.19	June	
July	67.21	+ 1.54	87.5	- 51.3	16.84	29.8947	30.189	29.471	138	.1383	49.0	56.1	S. 49° W.	12.3	56	47	2.38	12	..	..	2.38	..	12	64.25	62.82	62.11	65.69	69.65	73.17	75.01	75.75	74.02	70.25	67.42	65.83	68.83	July	
August	65.84	+ 0.87	82.2	- 47.7	15.10	29.8658	30.242	29.539	148	.1483	49.16	58.0	S. 51° W.	15.7	53	58	6.92	23	..	..	6.92	..	23	61.41	61.32	59.44	62.02	66.22	69.75	71.78	72.09	70.34	66.30	63.90	62.53	65.52	August	
September	60.30	+ 1.70	86.3	- 36.5	16.88	29.9508	30.313	29.587	172	.1723	49.16	76.1	S. 44° W.	14.5	47	63	3.40	10	..	..	3.40	..	10	51.48	53.46	52.77	54.04	58.25	61.91	63.78	64.29	62.53	58.08	56.93	55.52	58.05	September	
October	41.23	+ 4.13	61.1	- 23.8	15.09	29.9812	30.571	29.462	272	.1993	73.2	32.3	S. 25° W.	15.4	63	43	0.61	14	0.8	2	0.71	..	16	43.00	42.16	41.65	41.69	44.98	48.20	49.72	49.94	48.10	45.77	44.43	43.50	45.26	October	
November	34.34	+ 1.92	61.3	- 7.5	12.19	30.1198	30.594	29.248	296	.2487	85.4	30.6	S. 45° W.	15.2	71	27	3.80	11	12.7	8	5.07	3	16	31.95	31.49	31.03	30.77	32.44	31.64	35.64	35.56	34.28	33.37	32.54	31.88	32.97	November	
December	22.46	+ 3.51	54.4	- 10.3	12.73	30.0793	30.772	28.924	274	.1327	90.7	19.8	S. 33° W.	15.7	61	35	2.12	10	12.0	11	3.32	4	17	18.64	18.31	17.37	16.83	17.73	19.71	20.73	21.02	19.96	19.61	19.12	15.77	December		
Sums for 1895 ..	.....	.....	.....	.....	.....	29.9634	.....	.....	214	.2772	78.9	35.9	S. 52° W.	15.15	57.0	49.2	.....	131	80.7	71	39.83	13	189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500.38	Sums for 1895 ..		
Means for 1895 ..	42.63	+ 0.78	.....	.....	15.57	29.9634	.....	.....	214	.2772	78.9	35.9	S. 52° W.	15.15	57.0	49.2	.....	.....	.....	..	3.32	..	16	33.99	38.00	37.10	33.38	41.30	44.34	46.10	46.12	45.31	42.91	41.23	40.10	41.70	Means for 1895 ..	
Means for 21 years ending Dec. 31, 1895.	41.82	.....	.....	.....	...	29.9783	.....	.....	.....	.2519	74.7	.....	.....	α 15.18	61.0	45.6	23.17	133	118.1	78	39.67	16	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Means for 21 years ending Dec. 31, 1895.		

* Barometer readings reduced to 32° Fah. and to sea level. † Inches of mercury. ‡ Saturation 100. § For 14 years only. ¶ "†" indicates that the temperature has been higher; "—" that it has been lower than the average for 21 years inclusive of 1895. The monthly means are derived from readings taken every 4th hour, beginning with 3 h. 0 m. Eastern Standard time. The anemometer and wind vane are on the summit of Mount Royal, 57 feet above the ground and 810 feet above the sea level. α For 9 years only.

The greatest heat was 87.5° on July 8; the greatest cold was 19.8° below zero on February 6. The extreme range of temperature was therefore 107.3°. Greatest range of the thermometer in one day was 31.8° on January 4; least range was 2.6° on November 13. The warmest day was July 8, when the mean temperature was 73.55°. The coldest day was February 6, when the mean temperature was 13.33° below zero. The highest barometer reading was 30.772 on December 17. Lowest barometer reading was 28.832 on February 8, giving a range of 1.940 for the year. The lowest relative humidity was 29 on May 18. The greatest mileage of wind recorded in one hour was 67 on December 31, and the greatest velocity in gusts was at the rate of 80 miles p. h. on December 31. The total mileage of wind was 129,325. The resultant direction of the wind for the year is S. 52° W., and the resultant mileage was 62,856. Auroras were observed on 15 nights. Fogs on 11 days. Thunder storms on 9 days. Lunar halos on 14 nights. Lunar coronas on 7 nights. Solar halos on 20 days. Earthquakes were felt on 2 days, April 17th and December 9th. The sleighing of the winter commenced in the city on November 21. The first appreciable snowfall of the autumn was on October 20.

NOTE.—The yearly means of the above, are the averages of the monthly means, except for the velocity of the wind.