

Meteorological Abstract for the Year 1900.

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' 67" W.
C. H. McLEOD, Superintendent.

MONTH.	THERMOMETER.					* BAROMETER.				‡ Mean relative humidity.	WIND.		Percent, possible bright sunshine	PRECIPITATION.						MONTH.	
	† Mean.	¶ Deviation from 26 years, means.	Max.	Min.	Mean daily range.	† Mean.	Max.	Min.	Mean daily range.		Resultant direction.	Mean velocity in miles per hour.		Inches of rain.	Number of days on which rain fell.	Inches of snow.	Number of days on which snow fell.	Inches of rain and melted snow.	No. of days on which rain and snow fell.		No. of days on which rain or snow fell.
January	16.28	+ 3.98	42.0	- 7.8	19.29	29.983	30.73	29.26	.401	87.4	W. 42.5° S.	14.36	37.2	1.93	5	36.6	17	5.84	2	20	January
February	16.03	+ 0.36	44.2	- 13.5	13.59	29.958	30.70	29.02	.335	86.6	S. 44.8° W.	18.19	43.7	2.98	5	31.6	15	6.35	2	18	February
March	19.66	- 4.65	34.2	- 5.8	15.73	29.954	30.67	29.23	.311	87.4	W. 42.5° S.	20.82	56.6	0.13	20	46.4	20	5.30	3	29	March
April	43.44	+ 2.97	72.7	21.0	15.10	29.971	30.43	29.40	.210	50.9	W. 13.6° S.	16.52	51.0	1.39	15	0.7	5	1.48	3	17	April
May	51.32	+ 3.84	80.0	18.0	20.09	29.880	30.39	29.44	.196	68.9	W. 7.6° N.	15.99	54.0	3.11	11	0.0	3	3.11	3	14	May
June	65.16	+ 0.26	86.0	47.5	18.74	29.877	30.19	29.44	.191	75.3	W. 41.5° S.	15.49	68.5	4.33	14	0.0	5	4.33	1	14	June
July	67.76	+ 1.08	87.0	48.8	14.81	29.870	30.16	29.24	.155	78.7	W. 59.1° S.	15.19	52.4	7.41	14	0.0	3	7.41	1	19	July
August	67.81	+ 1.06	87.9	49.5	15.83	29.993	30.29	29.70	.125	76.4	West.	11.10	60.4	3.14	13	0.0	1	3.14	1	13	August
September	59.91	+ 1.48	89.0	46.0	14.14	30.021	30.37	29.65	.245	87.4	W. 30.8° S.	12.97	51.0	3.62	11	0.0	1	2.25	1	10	September
October	52.45	+ 6.55	75.7	30.0	15.86	30.143	30.59	29.61	.295	86.2	S. 44.7° W.	14.99	52.9	2.25	10	0.0	1	7.65	4	23	October
November	33.13	+ 0.52	59.0	9.9	9.98	29.972	30.03	29.16	.352	89.9	W. 31.7° S.	17.94	29.4	4.17	14	34.8	13	2.76	5	25	November
December	18.64	- 0.50	39.0	- 12.4	11.95	30.022	30.01	29.30	.250	89.1	W. 16.7° S.	13.78	18.8	0.24	6	25.2	24	2.76	5	25	December
Sums for 1900														34.70	126	175.2	98	53.22	20	204	Sums for 1900
Means for 1900	42.63	+ 0.63			15.43	29.970			.252	80.3	W. 30.0° S.	15.60	47.41			175.2	98	4.43			Means for 1900
Means for 26 years ending Dec. 31, 1900	42.00	....			....	29.981	....	....	....	75.43	....	15.01	\$15.99	28.65	135	120.92	79	40.67	16	202	{ Means for 26 years ending Dec. 31, 1900

* Barometer readings reduced to 32° Fah. and to sea level. † The monthly thermometer and barometer means are derived from bihourly readings taken from self-recording instruments, beginning 1 h. 0 m. Eastern Standard time. ¶ "+" indicates that the temperature has been higher; "-" that it has been lower than the average for 26 years inclusive of 1900. ‡ Humidity relative, saturation being 100; the humidity means are derived from observations made at 8.15, and 20 hrs. § For 14 years only. The anemometer and wind vane are on the summit of Mount Royal, 57 feet above the ground and 810 feet above sea level.

The greatest heat was 89.0° above zero on September 3rd; the greatest cold was 13.5 below zero on Feb. 27th. The extreme range of temperature was, therefore 102.5. Greatest thermometer range one day was 40.2 on Feb. 25; least range was 1.2° on Dec. 3rd. The warmest day was Aug. 26th, when the mean temperature was 79.3° above zero. The coldest day was Feb. 26th, when the mean temperature was 9.5° below zero. The minimum relative humidity observed was 34 on April 16th. The greatest mileage of wind recorded in one hour was 72 on Nov. 21st, and the greatest velocity in gusts was at the rate of 72 miles per hour on Feb. 13, and Nov. 21st. The total mileage of wind was 133 613. The resultant direction of the wind for the year was W. 30.0° S. and the resultant mileage 62,620. Lunar halos were observed on 12 nights; lunar coronas on 18 nights; fog on 30 days; thunderstorms on 9 days. First sleighing of winter in city was on Nov. 9th. The first appreciable snowfall of the autumn was on Nov. 9th. The first trace of snow was on Oct. 16th.

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