

Meteorological Abstract for the Year 1892.

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^s.55 W.

C. H. McLEOD, Superintendent.

MONTH.	THERMOMETER.					* BAROMETER.				Mean pressure of vapour.	Mean relative humidity.	Mean dew point.	WIND.		Sky clouded per cent.	Percent. possible bright sunshine	Inches of rain.	Number of days in 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.	MONTH.	
	Mean.	Deviation from 17 years means.	Max.	M in.	Mean daily range.	Mean.	Max.	Min.	Mean daily range.				Resultant direction.	Mean velocity in miles per hour.											
January	14.52	+ 2.38	43.7	- 12.4	14.04	29.9794	30.707	29.170	.292	.0791	83.2	10.4	W. 32° S.	14.9	74.	19.0	0.73	5	39.7	22	4.59	3	23	January	
February	17.91	+ 2.19	38.3	- 4.0	14.60	30.1406	30.962	29.152	.216	.0910	81.2	13.6	N. 38° W.	14.6	63.	35.1	0.00	0	36.4	16	3.27	0	16	February	
March	23.26	+ 0.69	40.3	- 0.5	13.90	29.9644	30.526	29.035	.216	.106	76.3	16.8	W. 10° S.	19.2	53.	50.0	0.24	5	34.6	10	3.84	5	10	March	
April	41.23	+ 1.39	63.0	- 20.6	16.30	29.9817	30.512	29.453	.201	.1632	62.2	28.5	N. 84° W.	17.7	55.	54.0	1.01	7	7.2	5	1.73	1	13	April	
May	52.92	+ 1.44	81.2	- 34.0	18.00	29.9234	30.365	29.435	.187	.2046	64.6	40.0	N. 30° W.	15.3	59.	43.0	2.20	15	...	...	2.20	...	15	May
June	65.73	+ 1.16	86.5	- 46.2	16.46	29.8985	30.354	29.466	.164	.4725	72.6	56.1	N. 84° W.	12.9	51.	44.0	8.10	22	0.	...	8.00	...	22	June	
July	69.81	+ 0.92	86.5	- 50.6	17.30	29.9738	30.522	29.512	.145	.5371	72.2	60.0	N. 56° W.	16.1	47.	68.0	2.95	18	0.	...	2.95	...	18	July	
August	69.37	+ 0.54	86.5	- 51.2	15.70	29.9630	30.332	29.701	.116	.5078	78.2	58.5	N. 46° W.	13.3	59.	58.0	5.24	13	...	...	5.24	...	13	August
September	57.42	+ 1.24	78.3	- 39.3	16.29	30.0613	30.442	29.341	.182	.3659	74.9	49.5	N. 35° W.	12.1	46.	62.0	2.92	10	...	...	2.92	...	10	September
October	46.27	+ 1.14	67.3	- 15.6	12.76	29.9027	30.467	29.460	.164	.2390	76.6	38.4	S. 72° W.	13.5	70.	46.5	1.57	18	...	1	1.57	1	18	October	
November	38.05	+ 0.77	61.3	- 15.5	10.56	29.9562	30.495	29.221	.251	.1613	81.3	27.8	S. 72° W.	14.6	47.	14.5	1.36	9	22.1	11	3.70	3	17	November	
December	18.70	+ 0.24	39.5	- 16.0	10.90	30.0088	30.466	29.456	.166	.0360	81.4	14.0	N. 81° W.	13.4	69.	19.0	0.80	2	12.3	16	2.00	1	17	December	
Sums for 1892	Sums for 1892
Means for 1892	42.27	+ 0.48	.....	.....	14.77	29.9835	.....	.....	.192	.2564	75.4	34.4	N. 85° W.	14.89	61.9	42.7	27.07	126	.....	81	42.01	14	192	Means for 1892
Means for 18 years ending Dec. 31, 1892	41.78	.....	.....	.....	.....	29.9783	.....	.....	.....	.2499	74.3	.....	.....	15.19	.....	\$ 45.8	28.07	134	123.6	83	40.09	16	.....	Means for 18 years ending Dec. 31, 1892

The greatest heat was 88.6 on June 1st and 88.5 on July; the greatest cold was 16.0 below zero on December 28th; extreme range of temperature was therefore 104.6. Greatest range of the thermometer in one day was 35.3 on February 26th; least range was 2.4 on March 9th. The warmest day was July 27th when the mean temperature was 79.0. The coldest day was January 30th when the mean temperature was 7° below zero. The highest barometer reading was 30.962 on February 27th. The lowest barometer was 29.035 on March 11th, giving a range of 1.927 for the year. The lowest relative humidity was 10 on April 20th. The greatest mileage of wind recorded in one hour was 63 on March 11th, and the greatest velocity in gusts was at the rate of 70 m. p. h. on March 11th. The total mileage of wind was 127,718. The resultant direction of the wind for the year was N. 85° W., and the resultant mileage 46,540. Auroras were observed on 45 nights. Fogs on 16 days. Hoar-frost 5 days. Thunder storms on 15 days. Lunar halos on 11 nights. Lunar corona on 1 night. Solar halos on 2 days, and on May 10th Solar Halo with parhelic arc. The sleighing of the winter closed in the city on March 29th, and snow all gone on open ground on April 12th. The first snowfall of the autumn was on October 31st. The first sleighing of the winter was on November 2nd.

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