

TABLE II.

DIFFERENCES of the Mean Temperatures in the foregoing Table, from the average means derived from three or more years, the differences being marked (+) or (-) according as the means in Table I. are greater or less than their respective standards of reference.

Stations.	No. of Years included in Average.	1870.						1871.					
		June.	July.	Augul.	September.	October.	November.	December.	January.	February.	March.	April.	May.
Windsor.....	4	+2.5	-0.4	+1.2	+4.8	+3.8	+0.7	0.0	+3.1	+1.3	+9.9	+3.0	-4.2
Simcoe.....	4	+3.9	-0.5	+1.5	+3.3	+5.2	+1.9	+2.7	+1.5	-2.2	-10.8	+4.4	+4.6
Hamilton.....	5	+5.2	-0.9	+3.0	+2.3	+3.7	+0.1	+1.3	-0.7	+0.9	+7.1	+2.5	+4.8
Toronto.....	10	+5.3	+5.4	+1.1	+4.5	+2.7	-0.6	+1.6	-0.3	+0.7	+4.7	+1.8	+5.8
Stratford.....	10	+4.9	+0.1	+1.2	+3.4	+3.3	+0.1	-0.1	+1.3	+0.9	+9.5	+2.0	+3.2
Goderich.....	4	+3.5	-0.2	+1.0	+2.5	+3.9	+1.4	+1.7	+0.4	+2.0	+8.5	+4.2	+4.4
Belleville.....	5	+5.9	-0.2	+2.5	+1.8	+2.6	+0.9	+2.2	-3.8	+1.4	+8.5	+4.4	+2.6
Peterborough..	4	+5.2	-0.5	+1.1	+2.0	+4.2	+2.2	+1.8	-2.7	+0.9	+8.3	+3.5	+2.8
Barrie.....	4	+6.0	+1.1	+3.7	+1.1	+2.2	+1.7	+1.4	-0.8	-1.3	+8.9	+2.5	+5.8
Cornwall.....	3	+3.8	+3.9	+1.5	-0.5	+2.2	+3.1	+3.3	-6.4	+0.3	-10.3	+1.5	+2.0
Pembroke....	4	+4.8	-0.9	-0.7	-0.3	+3.2	+1.9	+4.0	-8.4	-0.1	+6.8	+0.1	+2.0
Montreal.....	"	+6.4	+4.9	+4.5	+1.7	+8.2	+6.3	+5.2	-3.5	+2.2	+7.2	+4.0	+4.5
Quebec.....	"	+4.0	+2.0	+1.4	+2.0	+1.3	-0.6	+4.5	-5.5	+3.9	+5.4	+1.0	-0.1
St. John.....	10	+2.1	+0.4	+0.3	0.0	+1.0	+0.5	+2.5	-1.9	-1.7	+4.4	-0.5	-2.0
Halifax.....	7	+2.1	+2.2	+1.9	-0.5	+2.8	+0.8	+4.1	+0.8	-1.6	+4.9	-1.0	-0.3

*The Different Stations compared with Reference to their fluctuations of Temperature.*

Taking the numbers in table II, without regard to signs, as measures of the fluctuations of temperature, it will be found, one month being taken with another, that the average fluctuation of the monthly means for the whole of Ontario was 2°.97; which is nearly the same as the fluctuation at Toronto (2°.87) and less than the analogous number in the preceding year (3°.46). The greatest fluctuation was 3°.54 at Simcoe and the least 2°.50 at Stratford.

other stations were as follows:

Montreal 4°.97, Quebec 2°.69, St. John, 1°.44, Halifax, 1°.92. Whence it appears that the fluctuations were greatest at Montreal and least at St. John.

*Comparison of Months and Seasons with respect to the Deviations of the Monthly Means given in Table II.*

If the eleven Ontario stations be combined, it will be seen, taking Ontario as a whole, that every month was relatively warm, excepting January; and that the greatest relative warmth was in March.

June +4.6	Sept. +2.5	Dec. +1.8	March +8.5
July +0.6	Oct. +3.4	Jan. -1.5	April +2.7
Aug. +1.6	Nov. +1.2	Feb. +0.8	May +3.1

COMPARISON of the Quarterly averages of the preceding Monthly mean deviations with the corresponding numbers for Toronto, Montreal, Quebec, St. John, and Halifax.

	Summer.	Autumn.	Winter.	Spring.
Ontario (including Toronto).....	+2.3	+2.4	+0.4	+4.8
Toronto.....	+3.9	+2.2	+0.7	+4.1
Montreal.....	+5.3	+5.7	+1.3	+5.2
Quebec.....	+1.5	-0.4	+1.0	+1.2
St. John.....	+0.9	+0.5	-0.4	+0.6
Halifax.....	+2.1	+1.0	+1.1	+1.2