

Comparison of mean winter temperatures for twenty-one years at Toronto. Mr. Dade's observations with the foregoing corrections down to 1840, inclusive.

TABLE II.

	Nov.		Dec.		Jan.		Feb.		March.		April.		MEAN OF SIX MONTHS.
	Sa.m	Mn.	Sa.m	Mn.	Sa.m	Mn.	Sa.m	Mn.	Sa.m	Mn.	Sa.m	Mn.	
1830-1.....					17.4	19.4	12.4	15.5	33.2	35.3	41.8	42.5	
1831-2.....	33.4	35.0	12.6	14.6	19.0	21.0	16.7	19.8	28.0	30.1	38.0	39.1	26.60
1832-3.....	34.0	35.6	28.7	30.7	25.5	27.5	14.6	17.7	33.9	36.0	43.7	44.8	32.05
1833-4.....	30.9	32.5	28.8	30.8	16.4	18.4	27.3	30.4	30.6	32.7	43.0	44.1	31.48
1834-5.....	33.5	35.1	23.6	25.6	20.5	22.5	14.4	17.5	27.2	29.3	39.0	40.1	28.32
1835-6.....	31.0	35.6	21.4	23.4	22.0	24.0	10.9	14.0	20.2	22.3	37.4	38.3	26.26
1836-7.....	30.7	32.3	23.7	25.7	15.7	17.7	19.5	22.6	22.3	24.4	37.0	38.1	26.80
1837-8.....	35.7	37.3	26.5	28.5	25.4	27.4	12.8	15.9	32.2	34.3	35.0	36.1	29.88
1838-9.....													
1839-40.....	33.0	34.6	27.0	29.0	15.0	17.0	26.5	29.6	32.0	34.1	42.3	43.4	31.28
1840-1.....	31.0	35.9	22.3	24.3	21.8	25.1	18.2	22.6	24.6	27.8	38.3	39.2	29.15
1841-2.....	31.1	35.3	27.4	29.7	24.7	27.5	24.3	27.5	33.9	36.2	41.2	43.0	33.20
1842-3.....	31.4	33.1	23.1	25.3	26.6	28.5	11.3	15.0	19.4	21.7	39.2	41.0	27.43
1843-4.....	31.7	33.1	29.5	30.6	18.0	19.9	24.1	27.3	29.3	31.7	45.6	47.6	31.70
1844-5.....	32.8	34.8	27.2	29.8	25.3	26.3	24.0	26.8	34.3	35.9	41.4	42.1	32.45
1845-6.....	35.1	36.7	19.0	21.5	23.9	16.1	16.7	20.8	32.6	33.7	43.4	43.9	28.78
1846-7.....	39.4	40.8	24.5	27.7	21.9	22.9	19.7	22.5	24.6	26.7	39.1	39.8	30.07
1847-8.....	37.4	38.7	28.4	30.6	26.2	27.8	24.0	27.0	26.8	29.1	40.7	41.3	32.42
1848-9.....		34.3		29.6		18.5		20.0		33.9		39.4	29.28
1849-50.....		12.3		26.9	27.2	29.1	23.1	26.4	28.3	29.6	36.9	38.2	32.08
1850-1.....	36.5	38.7	20.6	22.5	22.2	25.6	26.5	28.3	30.4	33.1	40.4	41.5	31.62
1851-2.....	31.0	32.7	20.1	21.6	16.7	18.4	21.1	23.8	25.7	27.8	37.3	38.3	27.10
Mean.....		35.7		26.3		22.8		22.4		30.7		41.0	29.89

It will be seen that the mean for the *six months* compared is actually the lowest since the winter of 1836-7; and although slightly exceeded in severity by that winter and two earlier ones in the series, the difference in its favor is so trifling, both in that case, and as compared with the winter of 1831-2 that it might possibly disappear, if, instead of deducing mean temperatures, from one observation daily, which in individual months leaves a liability to error to the extent of about one degree, we possessed it from observation. This remark does not apply to the winter of 1835-6, which is said, however, to have the most severe in North America since 1779-80, and was decidedly more severe than that of 1851-2.

So far therefore, the winter taken in its popular extent, maintains its character, but this results chiefly from our having excluded October, and included April. October 1851 was unusually warm and genial, having had a mean temperature of $47^{\circ}.8$ which is $3^{\circ}.3$ higher than the mean for the same series of years, while April, 1852 has been one of the coldest in it.