

It is also remarkable that the lowest mean temperature of the series does not occur in any one month of the past winter, and is only approached by two, November and January: there was no individual month in it nearly so extreme of its kind as December 1831, January 1833, February 1835, and February and March 1843. The first of these is so very remarkable that but for the privilege Mr. Dade has kindly given me of consulting his original journal, I should have suspected an error. It appears that in this year the cold set in on the 28th November, and with such severity that the mean temperature at 8 A.M. for three weeks, from the 30th November to the 18th December inclusive was only  $10^{\circ} 0$ —lower than the mean for the same hour for any one winter month at Montreal.

We may next refer to the meteorological winter, or months of December, January, and February: the mean of which is given in the following table, together with the lowest temperature at 8 A.M. in each season—the lowest at any hour, and the number of observation which indicated at that hour temperatures below zero, and from zero to  $20^{\circ}$  in the three months.

TABLE III.

Winter.	Mean	Lowest		No. of Obs's at 8, A.M.		Winter	Mean	Lowest		No. of Obs's at 8, A.M.	
	Temp.	at 8 A.M.	at any hour.	B'low Zero.	Zero to 20.		Temp.	at 8 A.M.	at any hour.	B'low Zero.	Zero to 20.
1830-1		-16.	"	2	38						
1831-2	17.8	-20.	"	6	61	1842-3	22.9	-6.1	-11.0	2	28
1832-3	25.3	-6.	"	2	37	1843-4	25.9	-7.5	-8.5	5	16
1833-4	26.5	-2.	"	1	35	1844-5	27.3	-3.6	-5.5	2	16
1834-5	21.9	-15.	"	6	40	1845-6	19.5	-9.5	-16.2	5	31
1835-6	20.5	-20.	"	10	43	1846-7	24.3	1.1	-2.2	0	33
1836-7	22.0	-7.	"	5	39	1847-8	28.5	-11.8	-12.0	1	19
							(m)				
1837-8	23.5	-2.	"	1	"	1848-9	22.7	-15.2	-15.2	6	27
1838-9	"	"	"	"	"	1849-50	27.5	2.7	-5.4	0	18
1839-40	25.2	-8.0	-19.2	7	"	1850-1	25.5	-12.8	-12.8	2	25
1840-1	24.0	-2.0	-8.3	1	34	1851-2	21.3	-10.6	-14.8	3	31
1841-2	28.2	2.3	-0.2	0	11						
at 7, a.m.								24.15			

We see that taken in its meteorological sense the past winter was less severe than those of 1831-2, 1835-6, and 1845-6, but ranks decidedly among the coldest of the series. In respect to the lowest temperature recorded it has been often exceeded. The winter of 1831-2 appears to have been the most exceptional of the whole, and it may be mentioned in this connection, on authority of Mr. Paine's observations at Boston, that the winter of 1827-8 was the mildest of the last 27, it is stated that the Hudson River did not close at all in that winter.