

1866. MEAN TEMPERATURES of the months and of the year at the undermentioned stations. 1866.

	Jan.	Feb.	Mar.	April	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	o	o	o	o	o	o	o	o	o	o	o	o	o
Windsor (a).....						66.27	74.44	64.71	58.29	51.81	39.68	25.64	.....
Simcoe (a).....			29.90	47.93	50.42	64.14	.....	.....	56.43	50.34	39.41	25.65	.....
Stratford (a).....	18.42	20.06	25.51	44.55	47.73	61.82	66.64	59.16	53.59	47.93	36.75	22.65	42.07
Hamilton (a).....	22.80	23.90	29.14	46.04	50.87	63.50	72.47	62.57	58.00	50.92	39.76	25.96	45.50
Barrie (a).....	15.50	18.64	25.02	43.02	48.22	62.27	71.88	58.31	54.31	48.82	37.99	23.94	42.33
Toronto.....	20.70	22.50	27.60	43.90	48.30	60.20	70.40	60.80	55.20	49.09	38.36	25.06	44.18
Peterboro (a).....				44.89	50.26	64.39	72.26	61.47	54.25	47.95	36.71	20.82	.....
Belleville (a).....	17.61	20.36	26.85	45.85	50.42	63.17	71.87	61.73	56.29	49.58	38.82	22.85	43.78
Pembroke (a).....				47.48	63.38	72.83	61.42	54.70	47.56	35.03	19.07	.....	.....
Cornwall (a).....			26.10	47.30	51.97	65.38	.....	.....	49.85	39.55	.....	.....	.....
Montreal (e).....	12.10	22.00	26.16	41.80	50.25	63.66	69.35	60.13	51.46	46.76	34.76	24.12	41.96
Quebec (d).....	7.20	15.80	21.00	41.40	48.30	62.20	71.00	64.60	54.40	46.30	35.50	21.20	40.70
St. John, N.B.....	14.37	21.42	26.31	39.10	46.51	54.53	61.75	59.16	55.56	44.35	37.40	25.93	40.50
Halifax.....	20.00	25.00	29.00	40.00	47.00	56.00	61.00	62.00	58.00	45.00	38.00	28.00	42.42
Wolfville (f).....	18.44	25.97	27.17	42.61	50.11	60.32	66.87	65.46	59.47	46.33	39.97	29.37	44.36

(a) Observations taken at the Grammar School Meteorological Stations, under the Grammar School Improvement Act, 1865, at 7 A. M., 1 P. M., and 9 P. M.

(d) Last frost in spring, May, 15th; first in fall, October 4th.

(e) Last snow, 1st April 1866; first snow of winter, 1st Dec.; winter fairly set in 17th December.

(f) Last frost in spring, May 7th, first in fall, October 3rd.

THE OPENING AND CLOSING OF NAVIGATION.

The temperatures given above, are highly important not only in an agricultural but in a commercial point of view, as affecting the opening and closing of the various harbors and canals in the Dominion and adjacent islands.

Happily, by the new Union, we secure Atlantic harbors open at all times in the year. St. John and St. Andrew's, N. B., are never closed; Halifax but seldom. The inland waters, however, are frozen every season, so that winter traffic is thrown entirely upon the railways. Lake Erie is said at times to be frozen quite across. This is not the case with Lakes Ontario, Huron, and Superior, but their harbors are invariably closed, although powerful inland ferry steamers at almost all times keep up communication across the Niagara, Detroit, and St. Clair rivers or straits.

The following are the dates of opening and closing of several important harbors and canals :-

Date of Opening

	Quebec Harbor.	Montreal Harbor.	Kingston Harbor.	Lachine Canal.	Welland Canal.	Erie Canal, N. V.
1862.....	April 11..	April 23..	April 14..	May 4..	April 15..	May 1
1863.....	May 1..	" 25..	" 16..	" 4..	" 13..	" 1
1864.....	April 19..	" 13..	" 5..	April 25..	" 13..	April 30
1865.....	" 8..	" 10..	March 28..	May 4..	" 17..	.....
1866.....	" 27..	" 19..	April 11..	" 2..	" 17..	.....
1867.....	May 2..	.....	.....	" 1..	" 23..	.....

Date of Closing.

1862.....	Dec. 5..	Dec. 7..	Jany. 7..	Dec. 6..	Dec. 15..	Dec. 10
1863.....	" 4..	" 12..	" 1..	" 10..	" 13..	" 9
1864.....	" 13..	" 11..	" 4..	" 10..	" 11..	" 8
1865.....	" 9..	" 16..	" 5..	" 12..	" 15..	.....
1866.....	" 15..	" 15..	" 5..	" 13..	" 11..	.....

