

BAIE VERTE.

Gauges used during Survey of 1870-71, at Tidnish Bridge.

* Old Gauge No. 1. From 10th August, 1870, to 25th November, 1870.	Elevation above Datum, Bay of Fundy.	+ Gauge No. 2. From 25th November, 1870, to 4th February, 1871.	Elevation above Datum, Bay of Fundy.	‡ Gauge No. 3. From 4th February, 1871, to 31st May, 1871.	Elevation above Datum, Bay of Fundy.
Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
14	79.57	29.57	79.57	33.00	79.57
13	78.57	29.00	78.57	32.00	78.57
12	77.57	28.00	77.57	31.00	77.57
11	76.57	27.00	76.57	30.00	76.57
10	75.57	26.00	75.57	29.00	75.57
9	74.57	25.00	74.57	28.00	74.57
8	73.57	24.00	73.57	27.00	73.57
7	72.57	23.00	72.57	26.00	72.57
6	71.57	22.00	71.57	25.00	71.57
5	70.57	21.00	70.57	24.00	70.57
4	69.57	20.00	69.57	23.00	69.57
3	68.57	19.00	68.57	22.00	68.57
2	67.57	18.00	67.57	21.00	67.57
1	66.57	17.00	66.57	20.00	66.57
0	65.57	16.00	65.57	19.00	65.57
Figures represent Elevation of Water above Extreme Low Water, Baie Verte.	—	Figures represent Elevation of Water above Extreme Low Water, Bay of Fundy.	—	Figures represent Elevation of Water above bottom of Ca- anal, with 19 feet of water at Extreme Low Water in Baie Verte, the elevation of the bottom being 46.57.	—

BAIE VERTE GAUGES.

Feet.
 * Add 65.57 to Readings of Gauge-book No. 1. Tested by Level.
 † do 50.57 do do No. 2. This Gauge placed 0.57 ft. too high.
 ‡ do 46.57 do do No. 3.

BAY OF FUNDY GAUGE.

The Bay of Fundy Gauge consisted of several sections, each ten feet in length. Each section was planted in the slope of the bank of An-Lac Point, at an elevation of ten feet above that of the other. The zero of the lowest section was placed at the level of Ordinary Low Water Springs; the numbering thence of the feet and tenths was continued downward to Extreme Low, and upward to Extreme High Water.—G. F. B.