

3½ feet below base of rail. Geodetic elevation, 26.40 feet. Dominion Observatory elevation, 26.60 feet.

Tidal Survey Bench-mark at Sackville. On the masonry Railway station building; the surface of the granite sill of the middle door at the back, or east side, of the station; the north end of the sill marked by an inverted broad arrow cut on the side of the door, with the letters "B. M." above it.

Geodetic Bench-mark, M.CCCC.XXXVI. On the Sackville station building; a copper bolt set horizontally into the east end wall, and marked with the above number. Geodetic elevation, 27.21 feet.

	Elevation.
Tidal Survey Bench-mark of 1901, on the Engine-house at Fort Lawrence dock, as described.....	101.42
Saxby tide of October 5, 1869; defining the datum of the Baie Verte Canal and the Chignecto Marino Railway, as 100 feet below it. . .	100.00
Bench-mark at Amherst harbour, as described.....	95.57
Geodetic Bench-mark C.M. near the Fort Lawrence station.....	98.93
Tidal Survey Bench-mark at Sackville, on the station building, as described.....	99.02
Geodetic Bench-mark M.CCCC.XXXVI. on the Sackville station building .	99.72
Average level of top of dykes around Cumberland basin. (See details in table given.).....	97.38
Exceptional High Water of August 1908 (probably Aug. 12). From the level reached by the water at three points near the wharf at Sackville; mean elevation.....	96.83
Exceptional High Water of September or October 1906; at noon on a calm day. As marked at Amherst harbour.....	96.73
Highest High Water at Fort Lawrence dock during the observations of the Baie Verte Canal survey, from August to December, 1870. Occurred on October 25 at Spring tides during a S.W. gale.....	96.00
Next highest in that season, undisturbed by storms, on September 27..	94.60
Mean High Water at Spring tides; being the average elevation of the two high tides of the day at six Springs in the later part of the season; the diurnal inequality being thus eliminated.....	91.22
Mean level of High Water throughout the month; based on a period of four lunar months during the observations of 1870.....	89.26
Mean level of Low Water throughout the month, during the same four lunar months.....	52.29
In these two mean levels, the inequalities during the month are averaged, by taking even lunar months; but the diurnal inequality is not fully balanced out, as the observations were in the day time only.	
Mean Low Water at Spring tides; being the average elevation of the two low tides of the day at four Springs in the later part of the season; the diurnal inequality being thus eliminated.....	50.21
Reference level taken as extreme Low Water, to which the Marine Railway soundings are reduced. (Defined as 2.75 feet below "Ordinary Low Water" at elevation 50.00, as adopted by the Baie Verte Canal survey).....	47.25