Description	St. John, N.B. Bay of Fundy		Ashe Inlet, Hudson Strait	
	Range in feet.	Difference.	Range in feet.	Difference.
At Perigee. Range at Spring tides......	27·10	6·75	33·90	6·85
At Apogee. Range at Spring tides.......	20·35		27·05	
SPRING RANGE. Mean of the above....	23·72	6·29	30·48	15·18
NEAP RANGE. At Moon's mean distance.	17·43		15·30	

To obtain the best comparison possible, tide tables for St. John were re-calculated for the back years 1884, 1885 and 1886. Such calculation for the past can be made as readily as for a future year, by means of the tidal constants deduced from the harmonic analysis. For St. John, these constants are now derived from 15 complete years of observation, which gives a high accuracy to the tide tables so calculated. The differences of time between Ashe inlet and St. John which result, are very constant and thus afford satisfactory values for computing the tide in Hudson strait. In this case, it is the time which is of chief importance, in order to bring the turn of the tidal streams into relation with the tide ; as it is not likely that harbors will develop in this strait for which the height of the tide will be required.

The progress of the tide throughout the length of Hudson strait, from Port Burwell to Laperrière, can be determined by a comparison of the successive localities in the strait. The observations are not always simultaneous, but the final reduction will afford a series of tidal differences with Ashe inlet as the port of reference for the strait.

We may note in conclusion that tidal work in Canada has now reached an advanced position. The best port of reference on the Atlantic coast of the United States is Sandy Hook, at the entrance to New York, where eight years of tidal observations have been secured. At five of our harbors in Eastern Canada we have a basis of nine to fifteen years of observation. This may be taken as representing the relative accuracy of the tide tables for the two countries. Much the same may be said of the Pacific coast, where three of our harbors are now superior to