

651 feet above the level of the sea and 77 feet above that of Lake Huron.

In instituting a comparison between the St. Lawrence and Ottawa Routes, it is necessary here to point out an error which has been repeated in various official reports on the subject, with regard to the comparative distance by these two rivers, between Chicago and Montreal. This error has tended to exaggerate the advantage in favour of the Ottawa, and seems to have arisen from assuming that the distance between Chicago and Buffalo is 1,100 instead of 916 miles as shewn by the recent surveys of the U. S. Topographical Engineers.

The two lines of navigation are thus compared :—

	St. Lawrence.	Ottawa.
Lake Navigation.....	1,145 Miles	575
River Navigation.....	132 "	347
Canal Navigation.....	71 "	58
Totals.....	1,348 "	980

Shewing a difference of 368 miles in favour of the Ottawa :—

The correct distances appear to be

	St. Lawrence.	Ottawa.
Lake Navigation.....	1,005 Miles	560
River Navigation.....	185 "	402
Canal Navigation.....	71 " (Clarke)	29
	1,261	991

Shewing only 270 miles in favour of the Ottawa.

A comparison of Locks and Lockage will stand thus ;—

	St. Lawrence.	Ottawa.
Number of Locks.....	54	69
Feet of Lockage.....	553	710
Making a difference against the Ottawa of 15 locks and 157 feet of lockage.		

The Lower Ottawa.

Since the very great increase of traffic of late years on the lower Ottawa, especially in lumber, has been such as to demand greater facilities of transport than the Ordnance Canals can afford, it has been decided to place the enlargement of these Canals or the construction of a new line of navigation of greatly increased