Description.	Elevation. (Feet.)
Tidal Survey Bench-mark, as above	100·00
Exceptional level of High Water, during the gale of September 12	96·00
Highest level of High Water, undisturbed by storms, during the season of 1900	94·45
Low water datum, as adopted by this Survey, for the tidal observations	78·95
Lowest level of Low Water during the season of 1900, on September 10	78·50
Zero of Sight-gauge scale	77·19

Tadousac.—As there is no Bench-mark here it will be best to give the height of the tide on the wharf scale itself, to compare its range with the other stations.

Description.	Elevation. (Feet.)
Level of High Water during the gale of September 12	22·75
Highest level of High Water, undisturbed by storms, as recorded during the season of 1900, on September 11	21·60
Lowest level of Low Water during the season, on Sept. 10	2·70
Zero of Wharf Scale of tide gauge	0·00

Cape Chatte.—The height of the tide on the Wharf Scale itself, was as follows :—

Description.	Elevation. (Feet.)
Level of High Water during the gale of September 12	14·05
Highest level of High Water, undisturbed by storms, as recorded during the season of 1900, on August 11	13·45
Lowest level of Low Water during the season, on Sept. 10	0·50
Zero of Wharf Scale of tide gauge	0·00

The value for Low Water is approximate ; the gauge being situated at the mouth of Cape Chatte river which is surrounded by bars which begin to show at low tide. The water near low tide does not therefore fall to its true level. The difference between the level at the gauge and the open water was found from several sets of observations from which a series of corrections at the lower levels of the tides, were deduced. The greatest difference at the lowest tides is five inches. A corresponding correction has therefore been made in the height here given to allow for this.

It may be of interest for comparison to give the greatest observed range during the season at these successive stations along the St. Lawrence. It is to be noted, however, that these do not give the progress of the same tidal undulation throughout the estuary. The ranges as shown below, are the differences between the lowest and the highest levels of the tide at each station, taken from the figures already given ; with the omission of tides disturbed by storms.

	Feet.
Cape Chatte—Greatest observed range ; season of 1900	12·95
Father Point " "	15·95
Tadousac " "	18·90
Rivière du Loup " "	18·55
Orignaux Point " "	20·90
L'Islet " "	19·10
Grosse Isle " "	21·15
Quebec " "	19·25