

range of tide at Springhill, 3 the range of tide at St. John, 4 the percentage of the St. John tide that reaches Springhill, 5 the difference between the time of high water at Springhill and high water at St. John, 6 the difference of the time of low water at Springhill and low water at St. John. The times of high water at St. John were obtained from the records of the Kelvin Recording Tide Gauge, for access to which I have to thank

TABLE I.
Time and Amount of Tide at Springhill.

Date.	Range at Springhill.	Range at St. John.	Percentage at Springhill	Difference of times of H. W. at Springhill and St. John.	Difference of times of L. W. at Springhill and St. John.
July 23	4.5 in.	22.1 ft.	1.70	9 h.—19m.	11h.—49m.
28	3.94 "	20.4 "	1.61	9 h.—15m.	11h.—18m.
29	4.12 "	20.0 "	1.72	9 h.—18m.	10h.—57m.
30	4.25 "	20.6 "	1.72	9 h.—30m.	11h.— 3m.
30	3.62 "	19.6 "	1.54	9 h.—15m.	10h.—45m.
31	3.32 "	18.1 "	1.52	9 h.—20m.	.....
Mean	3.96 in.	20.1 ft.	1.63	9 h.—20m.	11h.—9m.

TABLE II.
Time and Amount of Tide at Springhill.

Date.	Range at Springhill.	Range at St. John.	Percentage at Springhill	Difference of times of H. W. at Springhill and St. John.	Difference of times of L. W. at Springhill and St. John.
Aug. 3	4.06 in.	16.25 ft.	.....	9h.— 9m.	10h.—45m.
4	4.32 "	14.55 "	.....	9h.—28m.	11h.—10m.
4	4.19 "	16.4 "	.....	9h.—20m.	11h.—55m.
5	2.87 "	15.0 "	.....	9h.—36m.	11h.—50m.
5	3.00 "	15.0 "	.....	9h.—1 m.	11h.—13m.
6	.....	18.0 "	.....	9h.—5 m.	11h.—20m.
Mean	.....	15.9 ft.	.....	9h.—16m.	11h.—22m.